

Herbicide Evaluation Trials - 1993

C.H. Slack and W.W. Witt



University of Kentucky • College of Agriculture • Department of Agronomy • Lexington
(Not for Publication)

ACKNOWLEDGEMENTS

Special assistance in preparing this publication was provided by the following individuals:

James R. Martin, Extension Weed Control Specialist, who aided in conducting experiments at Princeton and farmer location in western Kentucky.

Mark Cole and **Randy Wells**, technicians, who aided greatly in plot establishment, field day, data collection, and plot harvest, as well as the day-to-day operation of the project.

Roger Baerg and **Brent Jacobson**, graduate research assistants, who made significant contributions in conducting the herbicide trials and special projects.

Thanks to **Mr. John H. Byars** of the Agricultural Data Center and **Mr. Tom Shearin** for their assistance in developing computer programs for computerizing and summarizing the results of our tests.

A special thanks to **Mr. Danny Walls** for his assistance with printing signs for the Weed Science Field Day's.

A special thanks to **Ms. Betty J. Ham**, Publications Production Manager, and her group for the many hours of hard work involved in the quick printing of this report.

CONTENTS

I. EXPERIMENTAL TECHNIQUES	1
II. ABBREVIATIONS USED IN REPORT HEADINGS	
A. Weed Species	2
B. Miscellaneous	2
C. Growth Stages	2
1. Corn	
2. Soybeans	
D. Application Times	3
III. CLIMATOLOGICAL DATA	
A. Spindletop	4
B. Princeton	10
IV. HERBICIDES IN REPORT	16
V. CORN WEED CONTROL - LEXINGTON	
A. Control of Grass and Broadleaf Species	
1. Preemergence.(C3001)	19
2. Preplant Incorporated (C3002)	21
3. Postemergence -First Evaluation (C3003)	23
4. Postemergence -Second Evaluation (C3003)	26
5. Postemergence II -First Evaluation (C3009)	29
6. Postemergence II -Second Evaluation (C3009)	32
7. Postemergence II -Third Evaluation (C3009)	35
8. Postemergence III -First Evaluation (C3010)	38
9. Postemergence III -Second Evaluation (C3010)	40
10. Postemergence IV -First Evaluation (C3011)	42
11. Postemergence V -First Evaluation (C3012)	44
12. Postemergence V -Second Evaluation (C3012)	46
13. Postemergence IR -First Evaluation (C3014)	48
14. Postemergence IR -Second Evaluation (C3014)	50
15. Postemergence IR II -First Evaluation (C3015)	52
16. Postemergence IR II -Second Evaluation (C3015)	54
17. Postemergence VI (C3016)	56
18. Postemergence VII -First Evaluation (C3017)	58
19. Postemergence VII -Second Evaluation (3017)	62
20. Corn Insecticide Interaction (C3018)	66
21. No-till Stalkland (C3004)	70
22. No-till Early Preemergence and Preplant (C3007)	76
23. No-till Early Preemergence and Preplant (C3007)	78
24. No-till Early Preplant (C3006)	80
VI. SOYBEAN WEED CONTROL - LEXINGTON	
A. Control of Grasses and Broadleaf Species	
25. Preemergence -First Evaluation (S3011)	84
26. Preemergence -Second Evaluation (S3011)	88
27. Preplant Incorporated -First Evaluation (S3013)	92
28. Preplant Incorporated -Second Evaluation (S3013)	95
29. Postemergence -First Evaluation (S3014)	98
30. Postemergence -Second Evaluation (S3014)	102
31. Postemergence II -First Evaluation (S3015)	106
32. Postemergence II -Second Evaluation (S3015)	110
33. Postemergence III STS -First Evaluation (S3023)	114
34. Postemergence III STS -Second Evaluation (S3023)	116

35. Postemergence III STS -Third Evaluation (S3023)	118
36. Postemergence III STS -Fourth Evaluation (S3023)	120
37. Postemergence IV (S3025)	122
38. Postemergence (Volunteer Corn) (S3033)	125
39. Velvetleaf Control -First Evaluation (S3030)	127
40. Velvetleaf Control -Second Evaluation (S3030)	131
41. No-till Early Preplant - First Evaluation (S3017)	135
42. No-till Early Preplant - Second Evaluation (S3017)	138
43. No-till Early Preplant II -First Evaluation (S3018)	141
44. No-till Early Preplant II -Second Evaluation (S3018)	144
45. No-till Early Preplant III -First Evaluation (S3019)	147
46. No-till Early Preplant III -Second Evaluation (S3019)	150
47. Minimum Till Early Preplant -First Evaluation (S3020)	153
48. Minimum Till Early Preplant -Second Evaluation (S3020)	156
49. Minimum Till Early Preplant II -First Evaluation (S3021)	159
50. Minimum Till Early Preplant II-Second Evaluation (S3021)	162
51. Minimum Till Early Preplant III-First Evaluation (S3022)	165
52. Minimum Till Early Preplant III-Second Evaluation (S3022)	168
53. No-till Full Season -First Evaluation (S3026)	171
54. No-till Full Season -Second Evaluation (S3026)	174
55. No-till Full Season II -First Evaluation (S3027)	177
56. No-till Full Season II -Second Evaluation (S3027)	181
57. No-till Full Season III -First Evaluation (S3028)	185
58. No-till Full Season III -Second Evaluation (S3028)	187
59. Minimum Till Full Season -First Evaluation (S3029)	189
60. Minimum Till Full Season -Second Evaluation (S3029)	192
61. Minimum Till Full Season II -First Evaluation (S3031)	195
62. Minimum Till Full Season II -Second Evaluation (S3031)	197
63. Minimum Till Full Season III -First Evaluation (S3032)	199
64. Minimum Till Full Season III -Second Evaluation (S3032)	203
65. No-till Double Crop -First Evaluation (S3016)	207
66. No-till Double Crop -Second Evaluation (S3016)	211

VII. CORN WEED CONTROL - PRINCETON

67. Preemergence, Preplant and Postemergence (C3110)	215
68. Postemergence (IR) (C3116)	218
A. Specific Weed Species	
69. Johnsongrass Control (C3114)	220
70. Johnsongrass Multi-year Study (C2115)	222

VIII. SOYBEAN WEED CONTROL - PRINCETON

71. No-till Early Preplant (S3117)	225
A. Specific Weed Species	
72. Velvetleaf Control (S3112)	230
73. Giant Ragweed Control (S3114)	235

IX. ALFALFA WEED CONTROL - LEXINGTON

74. Established Alfalfa Postemergence (A3001)	237
75. Seedling Alfalfa Postemergence (A3002)	238

X. MULTI-SPECIES SCREENING - LEXINGTON

76. Multi-crop Screening -First Evaluation (S3001)	239
77. Multi-crop Screening -Second Evaluation (S3001)	242
78. Multi-crop Screening -Third Evaluation (S3001)	245

X. BURLEY TOBACCO WEED CONTROL - LEXINGTON

79. Burley Tobacco (T3001)	248
----------------------------------	-----

I. EXPERIMENTAL TECHNIQUES

DESIGN: All treatments within an experiment were in a randomized complete block design with three or four replications per treatment. Each treated plot was two rows wide by twenty-five to forty feet long, depending on the experiment. An untreated row separated each plot except in the no-tillage studies.

APPLICATION: All treatments were applied with a hand-held boom sprayer pressurized by CO₂. Unless indicated otherwise, all treatments were applied at 25 GPA. Plots were incorporated with a field cultivator at both the Lexington and Princeton locations.

EVALUATION: Weed control was evaluated on a 0 to 100 scale with 0 representing no control and 100 representing total control. Crop injury was also based on a 0 to 100 scale with 0 representing no injury and 100 representing crop death.

CULTIVATION: Plots were not cultivated except where indicated.

SPECIFIC EXPERIMENTAL INFORMATION:

The following items are found at the end of each summary:

(A) location, (B) fertilization, (C) soil type, (D) pH, (E) organic matter, (F) treatment date(s), (H) planting dates, (I) crop and/or weed growth stage for postemergence application.

II. ABBREVIATIONS

A. Weed Species

<u>ABB</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
ABUTH	Velvetleaf	Abutilon theophrasti
ACCOS	Hophornbeam Copperleaf	Acalypha ostryifolia
AGRRE	Quackgrass	Agropyron repens
AMACH	Smooth Pigweed	Amaranthus hybridus
AMARE	Redroot Pigweed	Amaranthus retroflexus
AMBEL	Common Ragweed	Ambrosia artemisiifolia
AMBTR	Giant Ragweed	Ambrosia trifida
CHEAL	Common Lambsquarters	Chenopodium album
DATST	Jimsonweed	Datura stramonium
DIGSA	Large Crabgrass	Digitaria sanguinalis
ERICA	Marestail	Conyza canadensis
IPOHE	Ivyleaf Morningglory	Ipomoea hederaceae
PHBPU	Tall Morningglory	Ipomoea purpurea
POLPY	Pennsylvania Smartweed	Polygonum pensylvanicum
SETFA	Giant Foxtail	Setaria faberi
SIDSP	Prickly Sida	Sida spinosa
SOLPT	Eastern Black Nightshade	Solanum ptycanthum
SORHA	Johnsongrass	Sorghum halepense
XANST	Common cocklebur	Xanthium pensylvanicum
ZEAMX	Corn	Zea mays

B. Miscellaneous

BBBBB	All Broadleaf Species
GGGGG	All Grass Species
CRIN	Crop Injury

C. Crop Growth Stages at Application

1. Corn
 - 5LF - Five fully developed leaves formed
2. Soybeans
 - 3TR - Third trifoliate leaf fully expanded
 - 6TR - Sixth trifoliate leaf fully expanded

II. Abbreviations

D. Herbicide Application Times in Reference to Crop or Weed

1. PPI -PREPLANT INCORPORATED
2. PRE -PREEMERGENCE
3. EPP -EARLY PREPLANT; 3-4 WEEKS BEFORE PLANTING
4. POD -POSTEMERGENCE DIRECTED
5. POT -POST TRANSPLANT APPLICATION
6. EP -EARLY POSTEMERGENCE; WEEDS < 2"
7. MP -MID-POSTEMERGENCE; WEEDS 2-4"
8. LP -LATE POSTEMERGENCE; WEEDS 4-6"
9. LLP -LATE LATE POSTEMERGENCE; WEEDS > 6"
10. REG -TREATMENT APPLIED AFTER INITIAL APPLICATION ON REGROWTH
11. +3D -SEQUENTIAL TREATMENT APPLIED 3 DAYS AFTER FIRST APPLICATION
12. +7D -SEQUENTIAL TREATMENT APPLIED 7 DAYS AFTER FIRST APPLICATION
13. 7DP -TREATMENT APPLIED 7 DAYS PRIOR TO A RESIDUAL PREEMERGENCE
TREATMENT
14. +2W -TREATMENT APPLIED TWO WEEKS AFTER FIRST APPLICATION OR PLANTING
15. 2WP -TREATMENT APPLIED TWO WEEKS PRIOR TO PLANTING
16. 4WP - EPP -TREATMENT APPLIED FOUR WEEKS PRIOR TO PLANTING
17. 4" -FOUR INCH WEED SPECIES
18. 8" -EIGHT INCH WEED SPECIES
19. 12J -TREATMENT APPLIED TO TWELVE INCH JOHNSONGRASS
20. BAN -INSECTICIDE TREATMENT BANDED OVER ROW
21. IFN -TREATMENT APPLIED ONLY IF NEEDED
22. INF -INSECTICIDE TREATMENT APPLIED IN THE ROW FURROW
23. Y1 -TREATMENT APPLIED FIRST YEAR OF A MULTI-YEAR STUDY
24. Y2 -TREATMENT APPLIED SECOND YEAR OF A MULTI-YEAR STUDY
25. SPR -TREATMENT APPLIED TO ESTABLISHED ALFALFA IN SPRING

III. A. April Climatological Data, Spindletop

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS	BARE	MX	MN	
04-01-93	49	42	46	.07	96	75	53	50	56	48	
04-02-93	40	32	36	.04	99	76	50	45	50	40	
04-03-93	47	31	39	T	86	43	49	45	48	40	
04-04-93	50	35	42		86	46	48	45	53	39	
04-05-93	46	38	42	.04	97	58	48	45	51	43	
04-06-93	51	39	45	.02	98	75	47	45	49	44	
04-07-93	66	39	52		97	52	50	45	57	41	
04-08-93	73	50	62		90	43	52	49	58	48	
04-09-93	70	52	61	.47	96	45	52	51	60	51	
04-10-93	63	40	52	.41	96	42	53	50	59	48	
04-11-93	74	45	60		89	25	54	50	60	46	
04-12-93	62	41	52		94	56	54	50	61	45	
04-13-93	61	44	52	.07	97	57	54	51	58	49	
04-14-93	71	46	58	.47	97	72	52	52	60	44	
04-15-93	75	60	68		100	40	54	51	60	44	
04-16-93	51	37	44	.12	100	67	54	49	56	48	
04-17-93	57	35	46		93	43	54	48	59	48	
04-18-93	67	35	51		84	35	53	46	59	41	
04-19-93	73	49	61		70	38	55	51	59	47	
04-20-93	70	61	66	.10	100	45	55	54	60	52	
04-21-93	39	37	38	.30	94	73	54	50	59	44	
04-22-93	59	29	44		92	31	51	47	54	37	
04-23-93	67	41	54		60	38	53	49	60	42	
04-24-93	73	52	62	.23	90	47	55	52	60	51	
04-25-93	72	58	65	.38	92	54	55	53	59	54	.13
04-26-93	61	46	54	.54	92	47	55	53	61	51	.20
04-27-93	65	33	49		93	38	55	52	64	44	.22
04-28-93	76	51	64		68	40	58	55	60	57	.26
04-29-93	75	45	60		71	37	57	54	64	46	.18
04-30-93	77	54	66		92	43	60	57	71	46	.20

SUMMARIZED DATA FOR 04-01-93 THRU 04-30-93:

AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
MX	MN	AV		MX	MN	GRASS	BARE	MX	MN	
63	43	53	3.26	90	49	53	50	58	46	1.19

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. A. May Climatological Data, Spindletop

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
05-01-93	80	52	66		92	40	62	59	74	56	.17
05-02-93	75	57	66	.02	88	82	62	60	71	60	.13
05-03-93	67	59	63	.07	94	73	61	60	62	59	.06
05-04-93	74	56	65	.53	95	55	50	59	68	57	.03
05-05-93	76	59	68	T	82	53	65	61	70	60	.19
05-06-93	79	53	66		92	46	65	60	78	59	.21
05-07-93	77	54	66		79	27	69	63	79	60	.21
05-08-93	84	53	68		64	44	72	63	80	59	.22
05-09-93 E	84	63	74		95	53	70	65	81	64	.26
05-10-93	87	61	74		100	38	72	67	82	65	.23
05-11-93	84	67	76	T	84	43	72	68	80	66	.24
05-12-93	76	60	68	.35	93	56	73	69	76	65	.17
05-13-93	69	51	60	.40	100	48	70	65	69	60	.23
05-14-93	71	40	56		88	35	67	61	62	51	.18
05-15-93	78	53	66		86	49	69	64	75	56	.28
05-16-93	76	58	67	.01	100	58	69	65	69	61	.15
05-17-93	74	50	62		81	32	70	63	77	57	.23
05-18-93	71	55	63	.76	100	60	68	65	68	61	.17
05-19-93	66	51	58		93	37	66	63	66	57	.21
05-20-93	65	40	52	.05	95	33	67	61	64	51	.14
05-21-93	65	44	54	.12	86	39	64	60	62	53	.11
05-22-93	73	44	58		85	30	65	60	71	51	.22
05-23-93	76	55	66		73	40	65	62	70	56	.23
05-24-93	74	64	69	.01	74	57	65	63	67	61	.19
05-25-93	73	59	66		86	46	66	63	71	62	.16
05-26-93	73	46	60		95	41	70	62	82	60	.19
05-27-93	79	45	62		94	42	70	62	82	61	.22
05-28-93	84	59	72		81	56	71	65	84	63	.25
05-29-93	77	57	67		91	68	73	66	86	63	.21
05-30-93	84	54	69		91	60	74	66	88	65	.27
05-31-93	69	50	60	.16	91	71	71	65	73	63	.14

SUMMARIZED DATA FOR 05-01-93 THRU 05-31-93:

AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
MX	MN	AV		MX	MN	MX	MN	MX	MN	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
75	54	65	2.48	89	49	68	63	74	59	5.90

"E" INDICATES DATA ESTIMATED BY NWS.

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. A. June Climatological Data, Spindletop

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP	
	MX	MN	AV		MX	MN	GRASS		BARE			
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
06-01-93	71	41	56			100	40	69	62	76	53	.19
06-02-93	68	44	56	T		95	57	69	64	66	56	.12
06-03-93	82	53	68			96	56	70	62	78	58	.17
06-04-93	77	59	68	1.77		100	95	69	64	72	64	.21
06-05-93	73	55	64	.58		100	70	64	62	64	53	.14
06-06-93	74	49	62			100	50	67	61	72	58	.23
06-07-93	87	58	72	T		90	50	73	65	81	63	.24
06-08-93	88	71	80			84	59	76	70	88	69	.25
06-09-93	81	65	73	.08		100	63	74	69	78	68	.16
06-10-93	87	53	70	.39		100	64	76	68	84	66	.23
06-11-93	84	62	73	.79		100	62	76	70	83	70	.21
06-12-93	84	60	72			96	68	75	70	81	70	.20
06-13-93	85	61	73			91	59	79	71	85	70	.21
06-14-93	86	62	74	1.42		100	60	80	72	88	71	.22
06-15-93	80	61	70	.02		100	50	78	71	83	70	.20
06-16-93	83	56	70			91	49	79	71	84	70	.23
06-17-93	88	60	74			89	56	80	72	88	68	.26
06-18-93	89	72	80			89	52	82	75	89	72	.25
06-19-93	88	69	78			87	56	81	75	88	71	.25
06-20-93	84	68	76	.04		98	62	77	74	83	74	.19
06-21-93	83	67	75	.04		100	66	78	74	84	70	.20
06-22-93	83	60	72	0.07		98	58	78	74	84	72	.19
06-23-93	88	59	74			91	55	81	73	87	74	.24
06-24-93	88	66	77			93	59	80	74	85	73	.25
06-25-93	86	67	76	T		89	69	78	75	82	75	.26
06-26-93	83	61	72	0.50		95	44	81	73	85	74	.22
06-27-93	86	62	74			90	48	80	73	85	73	.26
06-28-93	86	63	74	.69		94	67	79	73	83	74	.26
06-29-93	82	66	74	.09		95	72	79	75	81	73	.20
06-30-93	88	65	76			97	67	80	74	83	73	.23

SUMMARIZED DATA FOR 06-01-93 THRU 06-30-93:

AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
MX	MN	AV		MX	MN	GRASS		BARE		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
83	60	72	6.48	95	59	76	70	82	68	6.47

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. A. July Climatological Data, Spindletop

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
07-01-93	89	69	79		97	62	81	77	83	72	.24
07-02-93	88	70	79		90	69	82	76	86	72	.25
07-03-93	90	69	80		90	61	82	76	86	74	.28
07-04-93	92	72	82		92	48	83	77	88	74	.29
07-05-93	92	71	82		97	53	84	75	88	68	.29
07-06-93	93	73	83		87	55	84	79	87	77	.32
07-07-93	93	72	82		98	54	85	77	88	74	.33
07-08-93	94	73	84		86	47	84	78	89	74	.32
07-09-93	95	71	83		88	48	84	78	89	73	.31
07-10-93	94	67	80	.04	90	41	84	77	89	73	.30
07-11-93	91	71	81	.67	93	62	81	80	86	70	.27
07-12-93	87	67	77	.12	100	65	83	76	87	71	.22
07-13-93	88	68	78	.28	97	65	84	78	85	74	.23
07-14-93	88	70	79	.15	95	50	83	77	87	74	.21
07-15-93	86	69	78	1.14	100	69	85	80	86	74	.16
07-16-93	83	70	76	.02	98	69	85	77	80	73	.05
07-17-93	86	69	78	.08	97	73	86	77	84	73	.23
07-18-93	90	68	79		98	65	85	76	88	74	.22
07-19-93	87	73	80		86	66	83	79	85	73	.23
07-20-93	89	66	78		97	60	86	79	87	74	.31
07-21-93	89	65	77		98	43	86	79	87	73	.28
07-22-93	83	68	76		84	48	82	78	87	79	.25
07-23-93	88	66	77		80	48	83	76	90	74	.26
07-24-93	90	66	78		97	59	85	82	88	75	.24
07-25-93	96	72	84		98	45	82	78	90	76	.27
07-26-93	94	69	82	.67	100	59	86	78	90	76	.24
07-27-93	92	71	82		100	53	86	76	90	73	.26
07-28-93	95	74	84		86	55	84	79	89	74	.30
07-29-93	85	68	76		86	50	82	78	85	74	.22
07-30-93	83	62	72		100	46	81	75	87	70	.24
07-31-93	85	55	70		95	26	83	74	87	70	.21

SUMMARIZED DATA FOR 07-01-93 THRU 07-31-93:

AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
MX	MN	AV		MX	MN	GRASS		BARE		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
90	69	79	3.17	94	55	84	77	87	73	7.83

III. A. August Climatological Data, Spindletop

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
	MX	MN	AV		MX	MN	MX	MN	MX	MN	
08-01-93	90	57	74		94	26	87	75	88	68	.15
08-02-93	83	65	74	.55	91	59	79	74	82	71	.22
08-03-93	82	58	70		95	47	78	73	81	70	.23
08-04-93	79	64	72	.23	99	55	80	74	82	70	.13
08-05-93	77	60	68		94	51	86	74	80	76	.19
08-06-93	77	59	68	.16	98	61	78	71	79	67	.18
08-07-93	81	58	70		90	52	77	71	80	67	.24
08-08-93	84	57	70		90	42	78	71	83	68	.17
08-09-93	85	58	72		90	33	80	72	85	68	.19
08-10-93	86	57	72		93	50	78	73	81	69	.20
08-11-93	87	67	77	.25	100	50	87	75	84	71	.23
08-12-93	75	68	72	1.69	100	84	77	73	78	65	.07
08-13-93	81	68	74	1.42	100	77	75	73	78	74	.16
08-14-93	89	64	76	T	100	45	77	74	83	70	.19
08-15-93	90	63	76		90	44	80	74	87	70	.30
08-16-93	91	65	78		91	52	80	75	85	72	.27
08-17-93	86	69	78	.28	99	48	81	76	85	69	.17
08-18-93	87	65	76		100	63	81	76	86	73	.21
08-19-93	89	63	76	T	100	54	83	77	86	72	.13
08-20-93	86	72	79		99	54	83	76	87	72	.26
08-21-93	84	62	73		100	50	81	76	85	72	.18
08-22-93	86	62	74		90	55	79	74	85	72	.19
08-23-93	90	67	78		100	48	81	75	87	63	.13
08-24-93	89	72	80	.07	100	67	80	77	84	76	.17
08-25-93	90	69	80		100	61	82	76	87	75	.21
08-26-93	93	71	82		99	51	83	77	88	74	.22
08-27-93	93	71	82		91	53	83	78	87	75	.21
08-28-93	93	69	81		93	45	84	78	88	76	.23
08-29-93	90	68	79		98	52	83	78	87	75	.22
08-30-93	93	72	82		98	43	83	78	92	78	.26
08-31-93	93	71	82		93	45	82	78	91	74	.27

SUMMARIZED DATA FOR 08-01-93 THRU 08-31-93:

AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
MX	MN	AV		MX	MN	MX	MN	MX	MN	
86	65	76	4.65	96	52	81	75	85	71	6.18

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. A. September Climatological Data, Spindletop

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP	
	MX	MN	AV		MX	MN	GRASS		BARE			
-----	---	---	---	-----	---	---	---	---	---	---	---	-----
09-01-93	84	70	77	.17	98	70	81	78	86	74	.17	
09-02-93	84	71	78	T	98	70	80	77	85	72	.18	
09-03-93	83	73	78	1.98	100	75	78	75	83	72	.02	
09-04-93	78	58	68	.20	100	50	77	73	82	68	.05	
09-05-93	80	55	68	T	97	47	77	72	83	64	.09	
09-06-93	83	55	69		90	49	77	72	83	62	.14	
09-07-93	81	62	72	T	100	65	80	72	84	67	.13	
09-08-93	78	55	66		100	57	76	71	82	63	.12	
09-09-93	80	62	71	T	100	54	76	73	81	70	.11	
09-10-93	74	51	62		96	38	74	71	80	68	.21	
09-11-93	72	45	58		100	36	72	67	81	66	.10	
09-12-93	81	53	67		90	36	72	68	80	67	.15	
09-13-93	86	65	76		79	53	74	70	83	67	.18	
09-14-93	87	68	78		86	53	74	70	77	65	.20	
09-15-93	77	59	68	.51	100	64	73	70	74	66	.09	
09-16-93	67	56	62	.02	100	76	71	68	72	62	.08	
09-17-93	67	55	61	T	100	79	70	68	71	65	.09	
09-18-93	74	51	62		100	54	75	71	72	60	.09	
09-19-93	76	52	64		100	57	71	66	74	61	.12	
09-20-93	74	54	64	0.04	95	69	69	67	70	65	.08	
09-21-93	77	64	70		100	57	71	68	73	67	.13	
09-22-93	76	49	62		94	57	70	65	72	63	.17	
09-23-93	71	64	68	.25	100	79	69	68	70	67	.07	
09-24-93	68	58	63	T	95	80	69	67	70	67	.08	
09-25-93	76	62	69	.51	100	77	69	67	70	67	.07	
09-26-93	71	56	64		95	77	69	66	69	65	.13	
09-27-93	58	47	52	.04	100	39	69	62	70	61	.12	
09-28-93	67	44	56		90	50	64	60	65	62	.14	
09-29-93	63	37	50		100	36	63	59	64	56	.16	
09-30-93 E	60	34	47		86	37	63	57	66	56	.12	

SUMMARIZED DATA FOR 09-01-93 THRU 09-30-93:

AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
MX	MN	AV		MX	MN	GRASS		BARE		
-----	---	---	-----	---	---	---	---	---	---	-----
75	56	66	3.72	96	58	72	69	76	65	3.59

"E" INDICATES DATA ESTIMATED BY NWS.

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. B. April Climatological Data, Princeton

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP GRASS		SOIL TEMP BARE		EVAP
	MX	MN	AV		MX	MN	MX	MN	MX	MN	
04-01-93	62	38	50	.16	100	100	62	54			
04-02-93	42	30	36		96	80	38	36			
04-03-93	54	24	39		96	64	36	34			
04-04-93	58	39	48		84	66	60	53			
04-05-93	56	39	48	.18	100	70	54	52			
04-06-93	63	36	50		98	68	55	47			
04-07-93	72	46	59	T	88	70	60	52			
04-08-93	70	58	64	T	100	92	60	54			
04-09-93	64	46	55	2.26	100	94	60	54			
04-10-93	73	38	56		100	44	60	52			
04-11-93	75	54	64		76	58	60	52			
04-12-93	74	44	59		100	74	60	54			
04-13-93	72	48	60	.17	92	72	60	56			
04-14-93	75	58	66	.07	90	70	62	58			
04-15-93	74	59	66	.87	92	78	62	60			
04-16-93	60	38	49	.22	90	70	62	52			
04-17-93	62	32	47	.05	92	60	60	50			
04-18-93	69	37	53		92	62	61	48			
04-19-93	78	58	68		80	60	60	56			
04-20-93	77	59	68	.28	94	70	60	58			
04-21-93	60	39	50		94	66	60	52			
04-22-93	62	30	46		92	58	57	48			
04-23-93	73	47	60		78	62	59	52			
04-24-93	74	63	68	.06	90	70	62	56			
04-25-93	73	57	65	.14	96	74	60	56			
04-26-93	70	45	58	.10	92	60	60	56			
04-27-93	74	40	57		92	50	65	55			
04-28-93	77	46	62		82	60	65	57			
04-29-93	75	54	64	T	78	70	67	58			
04-30-93	76	55	66	.10	96	68	68	58			

SUMMARIZED DATA FOR 04-01-93 THRU 04-30-93:

AIR TEMP			PRECIP	RH		SOIL TEMP GRASS		SOIL TEMP BARE		EVAP
MX	MN	AV		MX	MN	MX	MN	MX	MN	
68	45	57	4.66	92	69	59	53			

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. B. May Climatological Data, Princeton

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
	MX	MN	AV		MX	MN	GRASS	BARE	
05-01-93	72	59	66	.05	92	78	62	60	
05-02-93	69	60	64	.22	94	82	65	62	
05-03-93	65	58	62	1.10	100	90	65	60	
05-04-93	68	57	62	.50	92	80	63	60	
05-05-93	84	55	70		90	60	68	61	
05-06-93	85	58	72		92	78	68	62	
05-07-93	88	58	73	1.75	100	50	72	64	
05-08-93	90	60	75	.02	90	70	72	68	
05-09-93	84	66	75	.07	92	64	75	67	
05-10-93	84	65	74	.30	100	60	75	68	
05-11-93	80	63	72	.05	96	42	74	68	
05-12-93	72	60	66	.15	92	70	74	60	
05-13-93	73	56	64	T	100	80	72	64	
05-14-93	74	43	58		96	42	70	60	
05-15-93	82	51	66		96	40	70	63	
05-16-93	80	61	70	.01	92	62	71	66	
05-17-93	78	51	64		100	50	70	62	
05-18-93	76	60	68	.31	100	70	72	68	
05-19-93	68	51	60	T	100	40	68	62	
05-20-93	66	44	55		100	40	68	62	
05-21-93	68	42	55	T	100	42	65	54	
05-22-93	72	52	62		100	40	66	58	
05-23-93	79	50	64		68	49	68	60	
05-24-93	78	62	70	.10	100	60	68	65	
05-25-93	75	59	67		100	50	70	62	
05-26-93	76	50	63		100	38	70	66	
05-27-93	81	45	63		92	30	72	62	
05-28-93	88	60	74		92	28	74	68	
05-29-93	80	54	67	.07	94	48	75	66	
05-30-93	85	64	74	.12	92	60	76	70	
05-31-93	70	58	64	.27	90	60	74	70	

SUMMARIZED DATA FOR 05-01-93 THRU 05-31-93:

AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
MX	MN	AV		MX	MN	GRASS	BARE	
77	56	66	5.09	95	57	70	63	

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. B. June Climatological Data, Princeton

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
	MX	MN	AV		MX	MN	GRASS	BARE	
06-01-93	73	42	58		100	30	76	72	
06-02-93	75	52	64		90	42	77	62	
06-03-93	80	60	70		90	50	72	66	
06-04-93	82	64	73	.23	100	48	74	68	
06-05-93	78	56	67		100	50	74	66	
06-06-93	73	48	60		94	55	72	63	
06-07-93	88	59	74	.37	100	60	76	68	
06-08-93	90	70	80		100	44	78	70	
06-09-93	85	70	78	.02	89	59	76	68	
06-10-93	88	66	77	.07	90	52	78	66	
06-11-93	85	66	76		92	68	80	72	
06-12-93	86	65	76	1.02	92	74	80	72	
06-13-93	87	67	77	.05	92	72	80	75	
06-14-93	90	70	80		90	70	82	76	
06-15-93	90	60	75		90	40	82	74	
06-16-93	88	58	73		92	62	82	74	
06-17-93	94	65	80		90	70	86	80	
06-18-93	93	70	82		90	60	82	70	
06-19-93	90	66	78		92	58	88	76	
06-20-93	88	65	76	.07	92	68	83	76	
06-21-93	84	66	75	.72	90	72	88	78	
06-22-93 E	88	66	77		90	68	78	76	
06-23-93	90	65	78		92	70	82	76	
06-24-93	87	70	78	.12	92	70	84	77	
06-25-93	76	68	72	1.22	92	80	84	76	
06-26-93	86	66	76	0.02	92	62	82	74	
06-27-93	88	63	76		100	70	83	75	
06-28-93	88	70	79		90	70	83	74	
06-29-93	89	65	77	.63	94	80	82	76	
06-30-93	90	71	80		94	72	84	78	

SUMMARIZED DATA FOR 06-01-93 THRU 06-30-93:

AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
MX	MN	AV		MX	MN	GRASS	BARE	
86	64	75	4.54	93	62	80	72	

"E" INDICATES DATA ESTIMATED BY NWS.

III. B. July Climatological Data, Princeton

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
	MX	MN	AV		MX	MN	GRASS	BARE	
07-01-93	91	76	84		92	76	84	80	
07-02-93	90	75	82	.14	92	72	83	78	
07-03-93	91	73	82		90	70	85	79	
07-04-93	93	72	82		90	68	85	79	
07-05-93	92	75	84		94	72	85	80	
07-06-93	91	76	84		92	76	85	79	
07-07-93	93	73	83		90	70	85	80	
07-08-93	95	74	84		92	70	85	80	
07-09-93	95	74	84		94	70	85	80	
07-10-93	95	72	84		92	66	86	80	
07-11-93	92	71	82		92	68	87	81	
07-12-93	92	70	81	.30	96	70	86	81	
07-13-93	92	68	80	.04	90	66	86	82	
07-14-93	92	72	82	T	92	70	86	81	
07-15-93	91	72	82	.07	96	64	88	80	
07-16-93	93	70	82	.05	94	72	88	84	
07-17-93	96	74	85	.34	92	68	88	84	
07-18-93	94	74	84	.08	92	70	88	84	
07-19-93	94	75	84		90	68	90	80	
07-20-93	93	74	84		90	64	88	82	
07-21-93	94	76	85		90	70	88	84	
07-22-93	92	70	81	1.10	94	74	88	84	
07-23-93	92	68	80	.10	92	72	88	82	
07-24-93	95	75	85		94	64	88	86	
07-25-93	95	73	84		92	66	88	86	
07-26-93	98	74	86		96	76	90	86	
07-27-93	97	72	84		92	68	90	84	
07-28-93	100	76	88		90	64	89	80	
07-29-93	98	71	84		90	62	88	84	
07-30-93	89	62	76		90	70	88	78	
07-31-93	90	60	75		92	60	88	84	

SUMMARIZED DATA FOR 07-01-93 THRU 07-31-93:

AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
MX	MN	AV		MX	MN	GRASS	BARE	
93	72	83	2.22	92	69	87	82	

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. B. August Climatological Data, Princeton

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
	MX	MN	AV		MX	MN	GRASS	BARE	
08-01-93	88	69	78	.05	96	64	88	84	
08-02-93	88	72	80		94	60	88	86	
08-03-93	89	58	74		94	62	85	76	
08-04-93	85	65	75	.17	94	68	85	78	
08-05-93	89	62	76		90	60	85	78	
08-06-93	78	60	69	.51	92	70	82	74	
08-07-93	82	58	70		92	58	82	74	
08-08-93	85	60	72		92	64	80	73	
08-09-93	90	60	75		94	60	80	72	
08-10-93	90	63	76		94	72	80	72	
08-11-93	92	68	80		94	70	88	76	
08-12-93	90	70	80	.98	96	80	82	74	
08-13-93	84	72	78		90	58	82	78	
08-14-93	88	68	78		90	70	82	76	
08-15-93	91	67	79		97	55	82	76	
08-16-93	93	67	80		96	68	82	78	
08-17-93	94	74	84		88	72	84	79	
08-18-93	95	73	84	T	89	52	86	78	
08-19-93	96	70	83		90	66	86	80	
08-20-93	95	75	85		90	64	88	80	
08-21-93	88	68	78		90	62	85	78	
08-22-93	93	61	77		88	60	86	77	
08-23-93	96	70	83		88	62	86	78	
08-24-93	96	74	85		90	62	85	78	
08-25-93	100	72	86		90	64	86	78	
08-26-93	100	72	86		92	62	86	80	
08-27-93	99	72	86		94	64	88	82	
08-28-93	99	70	84		94	64	84	80	
08-29-93	98	70	84		94	64	87	80	
08-30-93	95	68	82		90	68	86	80	
08-31-93	96	69	82		90	62	86	80	

SUMMARIZED DATA FOR 08-01-93 THRU 08-31-93:

AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
MX	MN	AV		MX	MN	GRASS	BARE	
92	68	80	1.71	92	64	85	78	

"T" INDICATES TRACE AMOUNT OF PRECIP (TOO SMALL TO MEASURE).

III. B. September Climatological Data, Princeton

DATE		AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
		MX	MN	AV		MX	MN	GRASS	BARE	
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----
09-01-93	E	86	70	78		96	59	82	78	
09-02-93		88	69	78	.02	94	76	83	79	
09-03-93		89	68	78	.73	94	73	83	78	
09-04-93		81	58	70		94	66	79	73	
09-05-93		84	57	70		92	64	79	72	
09-06-93	E	85	56	70		99	59	80	75	
09-07-93		85	60	72		88	68	80	73	
09-08-93		80	60	70		95	72	78	75	
09-09-93		78	61	70		92	72	76	72	
09-10-93		80	63	72		90	62	76	71	
09-11-93		78	61	70		92	72	76	72	
09-12-93		88	55	72		84	64	75	68	
09-13-93		89	66	78		88	66	76	72	
09-14-93		90	76	83		88	70	78	75	
09-15-93		89	53	71	1.29	94	88	78	70	
09-16-93		65	56	60	.02	94	90	70	68	
09-17-93		70	57	64	.04	92	80	70	67	
09-18-93		73	55	64		94	64	70	68	
09-19-93		81	51	66		94	54	72	66	
09-20-93		80	61	70		94	78	72	69	
09-21-93	E	82	59	70		94	42	71	68	
09-22-93	E	83	55	69	.11	91	53	72	70	
09-23-93		74	54	64	1.50	96	80	74	68	
09-24-93		72	64	68	.12	92	90	74	70	
09-25-93		79	66	72	.26	96	80	74	70	
09-26-93		75	56	66	.03	94	80	71	69	
09-27-93		68	49	58	.03	92	70	70	66	
09-28-93		74	45	60		94	68	68	62	
09-29-93		73	41	57		92	60	68	62	
09-30-93		68	38	53		90	48	65	60	

SUMMARIZED DATA FOR 09-01-93 THRU 09-30-93:

AIR TEMP			PRECIP	RH		SOIL TEMP		EVAP
MX	MN	AV		MX	MN	GRASS	BARE	
-----	-----	-----	-----	-----	-----	-----	-----	-----
80	58	69	4.15	93	69	75	70	

"E" INDICATES DATA ESTIMATED BY NWS.

IV. Herbicides in Report

CHEMICAL/COMMON	TRADE NAME	COMPANY
2,4-DB	BUTYRAC 200	RHONE POULENC
2,4-D AMINE	WEEDAR 64	RHONE POULENC
2,4-D ESTER	WEEDONE LV4	RHONE POULENC
ACETOCHLOR	SURPASS	ZENECA
ACETOCHLOR + ATRAZINE	SURPASS+ ET	ZENECA
ACIFLUORFEN 1	BLAZER 2L	BASF
	ACTIVATOR 90	LOVELAND
	AGRI-DEX	CIBA
ALACHLOR	MICR-TECH 4MT	MONSANTO
ALACHLOR 2	PARTNER 65WDG	MONSANTO
ALACHLOR EC + ATRAZINE	LARIAT (LASSO 2.5 + ROUNDUP 1.5)	MONSANTO
ALACHLOR MT + ATRAZINE	BULLET (LASSO 2.5 + ROUNDUP 1.5)	MONSANTO
ALACHLOR + GLYPHOSATE	BRONCO (LASSO 2.5 + ROUNDUP 1.5)	MONSANTO
BENTAZON	BASAGRAN	BASF
BENTAZON + ACIFLUORFEN	STORM (2.67 BASAGRAN + 1.33 BLAZER)	BASF
BENTAZON + ACIFLUORFEN	GALAXY (3.0 BASAGRAN + 0.67 BLAZER)	BASF
BENTAZON + ATRAZINE	LADDOK	BASF
BROMOXYNIL	BUCTRIL	RHONE POULENC
BUTYLATE + R25788	SUTAN +	ZENECA
BUTYLATE PKG.+ATRAZINE	SUTAZINE II (SUTAN 4.8 + ATRAZINE 1.2)	ZENECA
CARBOFURAN	FURADAN	FMC
	CAYUSE	MONSANTO
CGA 152005		CIBA
CHLORIMURON	CLASSIC	DUPONT
CHLORPYRIFOS	LORSBAN	DowElanco
CHLOR. + LINURON	LOROX PLUS	DUPONT
CHLOR. + METRI. 1:6	CANOPY	DUPONT
CLETHODIM	SELECT	VALENT
CLOMAZONE	COMMAND	FMC
CYANAZINE	BLADEX 4L, BLADEX 90DF	DUPONT
CYANAZINE + ATRAZINE 3:1	EXTRAZINE II	DUPONT
CROP OIL CONCENTRATE		
	DASH HC	BASF
DICAMBA	BANVEL	SANDOZ
DICAMBA + ATRAZINE	MARKSMAN (2.1 ATRAZINE + 1.1 BANVEL)	SANDOZ
DPX M6316	PINNACLE 25DF	DUPONT
ETHALFLURALIN	SONALAN	DowElanco
F6285 75DF		FMC
FLUAZIFOP-BUTYL	FUSILADE 2000	ZENECA
FLUAZIFOP + FENOXAPROP	FUSION	ZENECA
FLUMICLORAC-PENTYL	RESOURCE	VALENT
FOMESAFEN	REFLEX	ZENECA
FOMESAFEN + FLUAZIFOP-B.	TORNADO 2E (1.0 REFLEX +	

FONOFOS	DYFONATE II	.75 FUSILADE) ZENECA
	GENAPOL	ZENECA
GLYPHOSATE	ROUNDUP	MONSANTO
	GUARDSMAN	SANDOZ
	HERBIMAX	LOVELAND
HOE 46360	BUGLE	HOECHST ROUSSEL
IMAZAQUIN	SCEPTER, SCEPTER OT	AMERICAN CYANAMID
IMAZAQUIN + TRIFLURALIN	TRI-SCEPT	AMERICAN CYANAMID
IMAZETHAPYR	PURSUIT	AMERICAN CYANAMID
IMAZETHAPYR/PENDIMETHALIN	PURSUIT PLUS	AMERICAN CYANAMID
KY 147		
LACTOFEN	COBRA	VALENT
LIQUID FERTILIZER	28% NITROGEN	
METALACHLOR	DUAL, DUAL II	CIBA
METALACHLOR + ATRAZINE	BICEP 6L, BICEP II, BICEP LITE	CIBA
METALACHLOR + DE-498	DUAL + BROADSTRIKE	DowElanco
METALACHLOR+METRIBUZIN	TURBO (6.55 DUAL + 1.45 METRIBUZIN)	MOBAY
METRIBUZIN 1	SENCOR 75DF	MOBAY
METRIBUZIN 2	LEXONE 75DF	DUPONT
MON 8407	HARNES PLUS	MONSANTO
MON 12000	PERMIT	MONSANTO
MON 12000 + MON 13900	BATTALION	MONSANTO
MON 13200 2EC		MONSANTO
MON 29895 4ME		MONSANTO
NAF-72	BROADSTRIKE + STINGER	DowElanco
NAPROPAMIDE	DEVRIOL	ZENECA
NICOSULFURON	ACCENT	DUPONT
PARAQUAT	GRAMOXONE EXTRA	ZENECA
PEBULATE	TILLAM	ZENECA
PEBULATE + FONOFOS	EDGE	ZENECA
PENDIMETHALIN	PROWL	AMERICAN CYANAMID
PENDI. + IMAZAQUIN	SQUADRON	AMERICAN CYANAMID
PHORATE	THIMET	AMERICAN CYANAMID
PRIMISULFURON	BEACON	CIBA
PYRIDATE	TOUGH	AGROLINZ
QUIZALAFOP	ASSURE II	DUPONT
SAN 582H	FRONTIER	SANDOZ
SAN 821	CLARITY	SANDOZ
SETHOXYDIM 2	POAST PLUS	BASF
	SCOIL	DUPONT
SULFOSATE	TOUCHDOWN	ZENECA
	SUN-IT II	AMERICAN CYANAMID
SURFACTANT	X-77	VALENT
TEFLUTHRIN	FORCE	DowElanco
TERBUFOS	COUNTER	AMERICAN CYANAMID
TRIFLURALIN	TREFLAN	DowElanco
TRIFLURALIN + DE-498	TREFLAN+BROADSTRIKE	DowElanco
TRIFLURALIN+METRIBUZIN	SALUTE (2.67 TREFLAN + 1.33 METRIBUZIN)	MOBAY
TRIFLURALIN+CLOMAZONE	COMMENCE	DowElanco, FMC
UMP 488 30DF		MITUSI
UMP 488/2,4-D 2.11E		MITSUI

UMP 488/ATRAZINE 62.3DF
V-53482 50WP

mitsui
valent

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	83	0	100	80	100	87	0	100	13	93	83
2	METALACHLOR II	7.80 E	2.000 lb/ac	PRE	100	53	0	100	47	83	83	0	100	13	80	80
3	ATRAZINE	4.00 L	1.500 lb/ac	PRE	87	90	0	87	90	100	100	0	57	63	100	100
4	CYANAZINE + ATRAZINE	90.00 DF	3.500 lb/ac	PRE	100	97	0	100	97	100	97	0	87	90	100	97
5	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	100	87	0	100	83	100	97	0	97	60	100	93
6	METALACHLOR + ATRA.	5.00 L	3.440 lb/ac	PRE	100	90	0	100	87	100	100	0	100	53	100	93
7	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE	100	93	0	100	93	100	100	0	100	67	100	97
8A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	PRE	100	97	0	100	100	100	97	0	100	93	100	87
8B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE												
9A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	PRE	100	100	0	100	100	100	100	0	100	100	100	90
9B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE												
10A	MON 8407	7.00 E	2.000 lb/ac	PRE	100	100	0	100	100	100	100	0	100	100	100	90
10B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE												
11A	MON 8407	7.00 E	2.000 lb/ac	PRE	100	100	0	100	100	100	100	0	100	100	100	87
11B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE												
12A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	100	93	0	100	93	100	100	0	100	73	100	93
12B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
13A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	100	93	0	100	93	100	100	0	87	63	100	97
13B	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PRE												
14A	ACETOCHLOR+ATRAZINE	5.00 SC	2.660 lb/ac	PRE	100	100	0	100	100	100	100	0	100	90	100	93
14B	ATRAZINE	4.00 L	0.430 lb/ac	PRE												
15A	ACETOCHLOR+ATRAZINE	5.00 SC	3.000 lb/ac	PRE	100	97	0	100	97	100	100	0	100	77	100	93
15B	ATRAZINE	4.00 L	0.300 lb/ac	PRE												
16	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	100	90	0	100	93	100	90	0	97	60	100	77
17	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PRE	100	90	0	100	93	100	90	0	100	67	100	67

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								-----8 WEEKS AFTER APPLIED-----			
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
18A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	100	100	0	100	100	100	100	0	97	80	100	93
18B	ATRAZINE	4.00 L	1.250 lb/ac	PRE												
19A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PRE	100	97	0	100	100	100	100	0	100	80	100	93
19B	ATRAZINE	4.00 L	1.250 lb/ac	PRE												
20A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	90	0	100	97	100	90	0	83	90	100	63
20B	NAF 72	0.00 DF	0.170 lb/ac	PRE												
21A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	90	0	100	93	100	90	0	90	93	100	73
21B	NAF 72	0.00 DF	0.210 lb/ac	PRE												
22A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	90	0	100	97	100	90	0	97	97	100	77
22B	NAF 72	0.00 DF	0.260 lb/ac	PRE												
23A	SAN 582H	7.50 EC	1.200 lb/ac	PRE	100	90	0	100	90	100	100	0	97	40	100	97
23B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
24A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	100	90	0	100	90	100	100	0	100	63	100	97
24B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
25A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	100	93	0	100	93	100	100	0	100	50	100	97
25B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
26A	SAN 582H	7.50 EC	1.200 lb/ac	PRE	100	97	0	100	97	100	100	0	100	90	100	90
26B	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PRE												
27	SAN 582H\ATRAZINE	5.00 SE	2.800 lb/ac	PRE	100	93	0	100	93	100	100	0	100	67	100	97
28	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
LSD(.05) :					2	12	NS	2	15	5	4	NS	13	18	5	11

20

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 3.60 %
 DATE TREATED : PRE APRIL 29

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1	ALACHLOR 2	65.00 WDG	2.500 lb/ac PPI		100	43	0	100	20	80	47	0	100	0	83	70
2	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac PPI		100	90	0	100	90	100	100	0	100	43	100	100
3	METALACHLOR II	7.80 E	2.000 lb/ac PPI		100	53	0	93	37	63	80	0	100	10	60	77
4	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac PPI		100	90	0	100	90	100	93	0	93	73	100	97
5	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac PPI		100	90	0	100	90	100	100	0	97	67	100	100
6	ATRAZINE	4.00 L	1.500 lb/ac PPI		93	90	0	93	90	100	97	0	60	50	100	97
7	BUYTL + ATRA 4:1	6.00 ME	4.000 lb/ac PPI		100	83	0	100	77	100	97	0	100	27	100	90
8	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac PPI		100	97	0	100	97	100	100	0	83	93	100	100
9A	ALACHLOR 2	65.00 WDG	3.000 lb/ac PPI		100	93	0	100	100	100	93	0	100	93	100	83
9B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac PPI													
10A	ALACHLOR 2	65.00 WDG	3.000 lb/ac PPI		100	90	0	100	100	100	90	0	100	87	100	87
10B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac PPI													
11A	MON 8407	7.00 E	2.000 lb/ac PPI		100	100	0	100	100	100	100	0	100	93	100	90
11B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac PPI													
12A	MON 8407	7.00 E	2.000 lb/ac PPI		100	100	0	100	100	100	100	0	100	90	100	90
12B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac PPI													
13	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac PPI		100	90	0	100	90	100	83	0	100	40	100	77
14	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac PPI		100	90	0	100	90	100	90	0	100	40	100	77
15A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac PPI		100	93	0	100	93	100	100	0	100	67	100	93
15B	ATRAZINE	4.00 L	1.250 lb/ac PPI													
16A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac PPI		100	93	0	100	93	100	97	0	97	70	100	93
16B	ATRAZINE	4.00 L	1.250 lb/ac PPI													
17A	METALACHLOR II	7.80 E	2.000 lb/ac PPI		100	90	0	100	93	100	90	0	100	80	100	67
17B	NAF 72	0.00 DF	0.170 lb/ac PPI													

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPHOE	CRIN	SETFA	XANST	CHEAL	IPHOE
18A	METALACHLOR II	7.80 E	2.000 lb/ac PPI		100	90	0	100	100	100	90	0	97	90	97	67
18B	NAF 72	0.00 DF	0.210 lb/ac PPI													
19A	METALACHLOR II	7.80 E	2.000 lb/ac PPI		100	90	0	100	100	100	90	0	100	90	100	73
19B	NAF 72	0.00 DF	0.260 lb/ac PPI													
20	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		2	13	NS	5	19	10	16	NS	13	18	5	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.40 %
 DATE TREATED : PPI APRIL 29

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATSI	CHEAL	IPOHE	SIDSP
1A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	67	90	0	67	97	100	93	93	97
1B	CGA 152005	57.00 DF	0.027 lb/ac	MP									
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
2A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	63	90	0	63	100	100	93	97	97
2B	CGA 152005	57.00 DF	0.036 lb/ac	MP									
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
3A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	60	90	0	60	97	100	93	93	97
3B	DICAMBA	4.00 S	0.250 lb/ac	MP									
4A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	83	93	0	83	97	100	100	100	97
4B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP									
5A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	63	90	0	63	90	97	90	97	100
5B	2,4-D AMINE	4.00 E	0.500 lb/ac	MP									
6A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	93	50	0	93	100	100	50	97	97
6B	MON 12000	75.00 DF	0.032 lb/ac	MP									
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
7A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	77	83	0	77	100	100	83	97	97
7B	CGA 152005	57.00 DF	0.027 lb/ac	LP									
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
8A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	63	83	0	63	100	100	87	93	97
8B	CGA 152005	57.00 DF	0.036 lb/ac	LP									
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
9A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	67	97	0	67	97	100	100	97	100
9B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	LP									
10A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	90	47	0	90	100	100	47	100	97
10B	MON 12000	75.00 DF	0.032 lb/ac	LP									
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
11A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	77	70	0	77	100	100	70	100	93
11B	CGA 152005	57.00 DF	0.009 lb/ac	LP									
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SIDSP
12A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	70	80	0	70	100	100	80	97	97
12B	CGA 152005	57.00 DF	0.018 lb/ac	LP									
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
13A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	100	63	0	100	90	100	63	100	100
13B	NICOSULFURON	75.00 DF	0.036 lb/ac	LP									
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
14A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	93	63	0	93	100	100	63	100	93
14B	2,4-D AMINE	4.00 E	0.125 lb/ac	LP									
15A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	77	80	0	77	93	100	80	100	97
15B	2,4-D AMINE	4.00 E	0.250 lb/ac	LP									
16A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	73	87	0	73	97	100	93	97	97
16B	2,4-D AMINE	4.00 E	0.500 lb/ac	LP									
17A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	63	87	0	60	97	97	97	97	97
17B	CGA 152005	57.00 DF	0.009 lb/ac	LP									
17C	2,4-D AMINE	4.00 E	0.125 lb/ac	LP									
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
18A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	70	93	0	70	100	100	100	97	97
18B	CGA 152005	57.00 DF	0.009 lb/ac	LP									
18C	2,4-D AMINE	4.00 E	0.250 lb/ac	LP									
18D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
19A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	70	97	0	70	100	100	100	97	97
19B	CGA 152005	57.00 DF	0.018 lb/ac	LP									
19C	2,4-D AMINE	4.00 E	0.125 lb/ac	LP									
19D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
20A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	73	93	0	73	97	100	100	97	97
20B	CGA 152005	57.00 DF	0.018 lb/ac	LP									
20C	2,4-D AMINE	4.00 E	0.250 lb/ac	LP									
20D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
21A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	63	93	0	63	97	100	93	100	100
21B	CGA 152005	57.00 DF	0.018 lb/ac	LP									
21C	2,4-D AMINE	4.00 E	0.125 lb/ac	LP									
21D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SIDSP
22A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	93	57	0	93	93	100	57	100	97
22B	DICAMBA	4.00 S	0.063 lb/ac	LP									
23A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	60	83	0	60	97	100	83	93	97
23B	DICAMBA	4.00 S	0.125 lb/ac	LP									
24A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	73	87	0	73	97	100	90	93	97
24B	DICAMBA	4.00 S	0.250 lb/ac	LP									
25A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	60	90	0	60	97	100	97	97	97
25B	CGA 152005	57.00 DF	0.009 lb/ac	LP									
25C	DICAMBA	4.00 S	0.063 lb/ac	LP									
25D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
26A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	53	97	0	53	100	100	100	97	97
26B	CGA 152005	57.00 DF	0.018 lb/ac	LP									
26C	DICAMBA	4.00 S	0.125 lb/ac	LP									
26D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
27A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	80	93	0	80	97	100	100	97	93
27B	CGA 152005	57.00 DF	0.018 lb/ac	LP									
27C	DICAMBA	4.00 S	0.063 lb/ac	LP									
27D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
28	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
LSD(.05) :					20	10	NS	20	6	2	11	8	6

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE APRIL 29
 MP MAY 25
 LP MAY 28

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SIDSP
1A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	70	97	100	90	93	97
1B	CGA 152005	57.00 DF	0.027 lb/ac MP								
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac MP								
2A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	63	100	100	93	97	97
2B	CGA 152005	57.00 DF	0.036 lb/ac MP								
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac MP								
3A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	63	97	100	93	93	93
3B	DICAMBA	4.00 S	0.250 lb/ac MP								
4A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	83	93	100	100	100	93
4B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac MP								
5A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	60	90	93	90	97	97
5B	2,4-D AMINE	4.00 E	0.500 lb/ac MP								
6A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	93	100	100	57	97	97
6B	MON 12000	75.00 DF	0.032 lb/ac MP								
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac MP								
7A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	77	100	100	80	97	97
7B	CGA 152005	57.00 DF	0.027 lb/ac LP								
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac LP								
8A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	60	100	100	83	93	97
8B	CGA 152005	57.00 DF	0.036 lb/ac LP								
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac LP								
9A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	67	93	100	100	97	97
9B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac LP								
10A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	90	100	100	43	100	97
10B	MON 12000	75.00 DF	0.032 lb/ac LP								
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac LP								
11A	METALACHLOR II	7.80 E	1.750 lb/ac PRE		0	77	100	100	70	97	93
11B	CGA 152005	57.00 DF	0.009 lb/ac LP								
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac LP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SIDSP
12A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	70	100	100	80	97	93
12B	CGA 152005	57.00 DF	0.018 lb/ac	LP							
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
13A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	100	90	100	63	93	97
13B	NICOSULFURON	75.00 DF	0.036 lb/ac	LP							
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
14A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	93	100	100	57	100	93
14B	2,4-D AMINE	4.00 E	0.125 lb/ac	LP							
15A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	77	93	100	80	100	97
15B	2,4-D AMINE	4.00 E	0.250 lb/ac	LP							
16A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	73	97	100	90	93	93
16B	2,4-D AMINE	4.00 E	0.500 lb/ac	LP							
17A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	60	93	97	97	97	97
17B	CGA 152005	57.00 DF	0.009 lb/ac	LP							
17C	2,4-D AMINE	4.00 E	0.125 lb/ac	LP							
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
18A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	70	97	100	93	93	97
18B	CGA 152005	57.00 DF	0.009 lb/ac	LP							
18C	2,4-D AMINE	4.00 E	0.250 lb/ac	LP							
18D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
19A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	67	97	100	100	93	93
19B	CGA 152005	57.00 DF	0.018 lb/ac	LP							
19C	2,4-D AMINE	4.00 E	0.125 lb/ac	LP							
19D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
20A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	73	97	100	100	97	97
20B	CGA 152005	57.00 DF	0.018 lb/ac	LP							
20C	2,4-D AMINE	4.00 E	0.250 lb/ac	LP							
20D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
21A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	60	93	100	90	100	97
21B	CGA 152005	57.00 DF	0.018 lb/ac	LP							
21C	2,4-D AMINE	4.00 E	0.125 lb/ac	LP							
21D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SIDSP
22A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	93	93	100	53	100	97
22B	DICAMBA	4.00 S	0.063 lb/ac	LP							
23A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	60	97	100	83	93	97
23B	DICAMBA	4.00 S	0.125 lb/ac	LP							
24A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	73	97	100	90	93	93
24B	DICAMBA	4.00 S	0.250 lb/ac	LP							
25A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	60	97	100	97	93	93
25B	CGA 152005	57.00 DF	0.009 lb/ac	LP							
25C	DICAMBA	4.00 S	0.063 lb/ac	LP							
25D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
26A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	53	97	100	97	93	97
26B	CGA 152005	57.00 DF	0.018 lb/ac	LP							
26C	DICAMBA	4.00 S	0.125 lb/ac	LP							
26D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
27A	METALACHLOR II	7.80 E	1.750 lb/ac	PRE	0	80	97	100	100	93	93
27B	CGA 152005	57.00 DF	0.018 lb/ac	LP							
27C	DICAMBA	4.00 S	0.063 lb/ac	LP							
27D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
28	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
			LSD(.05) :		NS	19	7	2	11	8	7

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE APRIL 29
 MP MAY 25
 LP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	2 DAY -----7 DAY-----						
					CRIN	BBBBB	CRIN	XANST	CHEAL	AMBTR	IPOHE
1	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
2A	DICAMBA + ATRAZINE	3.20 L	1.430 lb/ac	MP	0	100	23	100	100	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
3A	BENTAZON + ATRAZINE	3.30 L	1.000 lb/ac	MP	7	90	23	97	93	93	100
3B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
4A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	87	10	90	97	93	100
4B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP							
4C	GENAPOL	0.00 WA	0.100 %	MP							
4D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
5A	UMP 488	30.00 DF	0.112 lb/ac	MP	0	90	7	97	93	100	93
5B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP							
5C	GENAPOL	0.00 WA	0.100 %	MP							
5D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
6A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	3	90	90	97	100
6B	ATRAZINE	90.00 WDG	0.375 lb/ac	MP							
6C	GENAPOL	0.00 WA	0.100 %	MP							
6D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
7A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	7	93	97	93	97
7B	ATRAZINE	90.00 WDG	0.750 lb/ac	MP							
7C	GENAPOL	0.00 WA	0.100 %	MP							
7D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
8A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	53	3	63	80	57	90
8B	GENAPOL	0.00 WA	0.100 %	MP							
8C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
9A	ATRAZINE	90.00 WDG	0.500 lb/ac	MP	0	87	3	90	100	87	97
9B	GENAPOL	0.00 WA	0.100 %	MP							
9C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
10A	UMP 488	2.15 EC	0.071 lb/ac	MP	0	90	20	90	97	90	100
10B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP							
10C	GENAPOL	0.00 WA	0.100 %	MP							
10D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	2 DAY		7 DAY				
					CRIN	BBBBB	CRIN	XANST	CHEAL	AMBTR	IPOHE
11A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	17	90	93	97	100
11B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP							
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
11D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
12A	UMP 488/2,4-D	2.11 E	0.146 lb/ac	MP	0	93	13	93	97	100	97
12B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP							
13A	UMP 488/ATRAZINE	62.50 DF	0.556 lb/ac	MP	0	93	10	97	97	97	100
13B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP							
13C	GENAPOL	0.00 WA	0.100 %	MP							
14A	ATRAZINE	90.00 WDG	0.556 lb/ac	MP	0	93	0	97	97	97	100
14B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP							
14C	GENAPOL	0.00 WA	0.100 %	MP							
15	BROMOXYNIL	2.00 E	0.360 lb/ac	MP	20	100	27	100	100	100	100
16A	METRIBUZIN 1	75.00 DF	0.090 lb/ac	MP	0	97	40	100	100	97	100
16B	2,4-D ESTER	4.00 E	0.170 lb/ac	MP							
17A	ATRAZINE	90.00 WDG	1.161 lb/ac	MP	0	90	10	90	97	90	93
17B	OIL CONCENTRATE	0.00 AD	0.800 qt/ac	MP							
18A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	90	37	100	93	97	100
18B	2,4-D ESTER	4.00 E	0.134 lb/ac	MP							
18C	GENAPOL	0.00 WA	0.100 %	MP							
18D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
19A	UMP 488/2,4-D	2.11 E	0.219 lb/ac	MP	0	93	40	97	93	97	93
19B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
20A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	87	27	90	90	83	97
20B	GENAPOL	0.00 WA	0.100 %	MP							
20C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							
21A	2,4-D ESTER	4.00 E	0.134 lb/ac	MP	0	90	3	90	90	100	100
21B	GENAPOL	0.00 WA	0.100 %	MP							
21C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP							

LSD(.05) : 2 7 14 17 7 16 7

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : APRIL 29
VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 3.50 %
DATE TREATED : MP MAY 19

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--21 DAYS AFTER APPLICATION--				
					CRIN	XANST	CHEAL	AMBTR	IPOHE
1	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0
2A	DICAMBA + ATRAZINE	3.20 L	1.430 lb/ac	MP	17	100	100	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					
3A	BENTAZON + ATRAZINE	3.30 L	1.000 lb/ac	MP	0	97	90	77	90
3B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
4A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	90	90
4B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
4C	GENAPOL	0.00 WA	0.100 %	MP					
4D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
5A	UMP 488	30.00 DF	0.112 lb/ac	MP	0	90	100	100	90
5B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
5C	GENAPOL	0.00 WA	0.100 %	MP					
5D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
6A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	93	83
6B	ATRAZINE	90.00 WDG	0.375 lb/ac	MP					
6C	GENAPOL	0.00 WA	0.100 %	MP					
6D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
7A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	97	93
7B	ATRAZINE	90.00 WDG	0.750 lb/ac	MP					
7C	GENAPOL	0.00 WA	0.100 %	MP					
7D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
8A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	47	70	47	50
8B	GENAPOL	0.00 WA	0.100 %	MP					
8C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
9A	ATRAZINE	90.00 WDG	0.500 lb/ac	MP	0	83	100	83	93
9B	GENAPOL	0.00 WA	0.100 %	MP					
9C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
10A	UMP 488	2.15 EC	0.071 lb/ac	MP	0	93	100	93	90
10B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
10C	GENAPOL	0.00 WA	0.100 %	MP					
10D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--21 DAYS AFTER APPLICATION--				
					CRIN	XANST	CHEAL	AMBTR	IPOHE
11A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	93	93
11B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					
11D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
12A	UMP 488/2,4-D	2.11 E	0.146 lb/ac	MP	0	93	100	97	90
12B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
13A	UMP 488/ATRAZINE	62.50 DF	0.556 lb/ac	MP	7	97	100	93	90
13B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP					
13C	GENAPOL	0.00 WA	0.100 %	MP					
14A	ATRAZINE	90.00 WDG	0.556 lb/ac	MP	0	100	100	97	90
14B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP					
14C	GENAPOL	0.00 WA	0.100 %	MP					
15	BROMOXYNIL	2.00 E	0.360 lb/ac	MP	0	97	100	97	87
16A	METRIBUZIN 1	75.00 DF	0.090 lb/ac	MP	20	97	100	97	93
16B	2,4-D ESTER	4.00 E	0.170 lb/ac	MP					
17A	ATRAZINE	90.00 WDG	1.161 lb/ac	MP	0	90	100	97	90
17B	OIL CONCENTRATE	0.00 AD	0.800 qt/ac	MP					
18A	UMP 488	2.15 EC	0.085 lb/ac	MP	13	100	100	97	93
18B	2,4-D ESTER	4.00 E	0.134 lb/ac	MP					
18C	GENAPOL	0.00 WA	0.100 %	MP					
18D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
19A	UMP 488/2,4-D	2.11 E	0.219 lb/ac	MP	13	97	100	97	90
19B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
20A	UMP 488	2.15 EC	0.085 lb/ac	MP	3	80	83	77	83
20B	GENAPOL	0.00 WA	0.100 %	MP					
20C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
21A	2,4-D ESTER	4.00 E	0.134 lb/ac	MP	10	93	93	97	87
21B	GENAPOL	0.00 WA	0.100 %	MP					
21C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
LSD(.05) :					5	15	8	15	16

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : APRIL 29
VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 3.50 %
DATE TREATED : MP MAY 19

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----49 DAYS AFTER APPLIED----				
					CRIN	XANST	CHEAL	IPOHE	AMBTR
1	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0
2A	DICAMBA + ATRAZINE	3.20 L	1.430 lb/ac	MP	3	100	100	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					
3A	BENTAZON + ATRAZINE	3.30 L	1.000 lb/ac	MP	0	97	90	90	70
3B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
4A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	90	90
4B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
4C	GENAPOL	0.00 WA	0.100 %	MP					
4D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
5A	UMP 488	30.00 DF	0.112 lb/ac	MP	0	90	100	90	100
5B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
5C	GENAPOL	0.00 WA	0.100 %	MP					
5D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
6A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	80	93
6B	ATRAZINE	90.00 WDG	0.375 lb/ac	MP					
6C	GENAPOL	0.00 WA	0.100 %	MP					
6D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
7A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	93	97
7B	ATRAZINE	90.00 WDG	0.750 lb/ac	MP					
7C	GENAPOL	0.00 WA	0.100 %	MP					
7D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
8A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	33	63	43	40
8B	GENAPOL	0.00 WA	0.100 %	MP					
8C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
9A	ATRAZINE	90.00 WDG	0.500 lb/ac	MP	0	73	100	93	80
9B	GENAPOL	0.00 WA	0.100 %	MP					
9C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
10A	UMP 488	2.15 EC	0.071 lb/ac	MP	0	93	100	90	93
10B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
10C	GENAPOL	0.00 WA	0.100 %	MP					
10D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----49 DAYS AFTER APPLIED----				
					CRIN	XANST	CHEAL	IPOHE	AMBTR
11A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	93	93
11B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					
11D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
12A	UMP 488/2,4-D	2.11 E	0.146 lb/ac	MP	0	93	100	90	97
12B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP					
13A	UMP 488/ATRAZINE	62.50 DF	0.556 lb/ac	MP	3	97	100	90	93
13B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP					
13C	GENAPOL	0.00 WA	0.100 %	MP					
14A	ATRAZINE	90.00 WDG	0.556 lb/ac	MP	0	100	100	90	97
14B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP					
14C	GENAPOL	0.00 WA	0.100 %	MP					
15	BROMOXYNIL	2.00 E	0.360 lb/ac	MP	0	97	100	83	97
16A	METRIBUZIN 1	75.00 DF	0.090 lb/ac	MP	10	97	100	93	97
16B	2,4-D ESTER	4.00 E	0.170 lb/ac	MP					
17A	ATRAZINE	90.00 WDG	1.161 lb/ac	MP	0	90	100	90	97
17B	OIL CONCENTRATE	0.00 AD	0.800 qt/ac	MP					
18A	UMP 488	2.15 EC	0.085 lb/ac	MP	3	100	100	93	97
18B	2,4-D ESTER	4.00 E	0.134 lb/ac	MP					
18C	GENAPOL	0.00 WA	0.100 %	MP					
18D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
19A	UMP 488/2,4-D	2.11 E	0.219 lb/ac	MP	3	97	100	90	97
19B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
20A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	73	80	80	70
20B	GENAPOL	0.00 WA	0.100 %	MP					
20C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
21A	2,4-D ESTER	4.00 E	0.134 lb/ac	MP	0	93	93	87	97
21B	GENAPOL	0.00 WA	0.100 %	MP					
21C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP					
LSD(.05) :					4	16	11	18	19

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : APRIL 29
VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 3.50 %
DATE TREATED : MP MAY 19

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	
1A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	87	0	100	97	83	87	
1B	MON 12000	75.00 DF	0.032 lb/ac	LP								
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP								
2A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	100	0	100	100	100	100	
2B	DICAMBA	4.00 S	0.500 lb/ac	LP								
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	100	0	100	100	100	100	
3B	2,4-D ESTER	4.00 E	0.500 lb/ac	LP								
4A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	90	0	100	100	100	70	
4B	BROMOXYNIL	2.00 E	0.250 lb/ac	LP								
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	90	0	100	100	100	80	
5B	MON 12000	75.00 DF	0.032 lb/ac	LP								
5C	DICAMBA	4.00 S	0.125 lb/ac	LP								
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP								
6A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	100	0	100	100	97	100	
6B	MON 12000	75.00 DF	0.032 lb/ac	LP								
6C	2,4-D ESTER	4.00 E	0.125 lb/ac	LP								
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP								
7A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	90	0	100	100	97	87	
7B	MON 12000	75.00 DF	0.032 lb/ac	LP								
7C	BROMOXYNIL	2.00 E	0.188 lb/ac	LP								
8A	NICOSULFURON	75.00 DF	0.031 lb/ac	LP	93	73	3	93	90	63	90	
8B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP								
9A	MON 12000	75.00 DF	0.032 lb/ac	LP	93	80	0	93	90	70	90	
9B	NICOSULFURON	75.00 DF	0.016 lb/ac	LP								
9C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP								
10A	MON 12000	75.00 DF	0.032 lb/ac	LP	90	90	7	90	90	90	90	
10B	DICAMBA	4.00 S	0.125 lb/ac	LP								
10C	NICOSULFURON	75.00 DF	0.016 lb/ac	LP								
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLIED-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE
11A	MON 12000	75.00 DF	0.032 lb/ac	LP	90	90	3	90	90	90	90
11B	2,4-D ESTER	4.00 E	0.125 lb/ac	LP							
11C	NICOSULFURON	75.00 DF	0.016 lb/ac	LP							
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
12A	MON 12000	75.00 DF	0.032 lb/ac	LP	90	93	0	90	93	90	90
12B	BROMOXYNIL	2.00 E	0.188 lb/ac	LP							
12C	NICOSULFURON	75.00 DF	0.016 lb/ac	LP							
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
LSD(.05) :					4	5	NS	4	4	5	6

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 29
 LP MAY 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	70	0	100	100	80	50	0	100	100	73	20
1B	MON 12000	75.00 DF	0.032 lb/ac	LP												
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
2A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	93	0	100	100	100	90	0	100	93	100	90
2B	DICAMBA	4.00 S	0.500 lb/ac	LP												
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	97	0	100	97	100	93	0	100	90	100	90
3B	2,4-D ESTER	4.00 E	0.500 lb/ac	LP												
4A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	80	0	100	100	100	40	0	100	97	100	3
4B	BROMOXYNIL	2.00 E	0.250 lb/ac	LP												
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	93	0	100	100	100	93	0	100	100	100	83
5B	MON 12000	75.00 DF	0.032 lb/ac	LP												
5C	DICAMBA	4.00 S	0.125 lb/ac	LP												
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
6A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	100	0	100	100	100	97	0	100	97	100	97
6B	MON 12000	75.00 DF	0.032 lb/ac	LP												
6C	2,4-D ESTER	4.00 E	0.125 lb/ac	LP												
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
7A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	97	90	0	97	100	97	67	0	100	100	97	27
7B	MON 12000	75.00 DF	0.032 lb/ac	LP												
7C	BROMOXYNIL	2.00 E	0.188 lb/ac	LP												
8A	NICOSULFURON	75.00 DF	0.031 lb/ac	LP	100	63	0	100	93	63	97	0	100	90	40	87
8B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
9A	MON 12000	75.00 DF	0.032 lb/ac	LP	100	67	0	100	100	47	100	0	100	100	13	90
9B	NICOSULFURON	75.00 DF	0.016 lb/ac	LP												
9C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
10A	MON 12000	75.00 DF	0.032 lb/ac	LP	90	100	0	90	100	100	100	0	87	100	100	93
10B	DICAMBA	4.00 S	0.125 lb/ac	LP												
10C	NICOSULFURON	75.00 DF	0.016 lb/ac	LP												
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
11A	MON 12000	75.00 DF	0.032 lb/ac	LP	83	97	0	83	100	100	100	0	80	100	100	97
11B	2,4-D ESTER	4.00 E	0.125 lb/ac	LP												
11C	NICOSULFURON	75.00 DF	0.016 lb/ac	LP												
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
12A	MON 12000	75.00 DF	0.032 lb/ac	LP	87	90	0	87	100	87	90	0	87	100	67	73
12B	BROMOXYNIL	2.00 E	0.188 lb/ac	LP												
12C	NICOSULFURON	75.00 DF	0.016 lb/ac	LP												
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP												
LSD(.05) :					7	11	NS	7	4	6	17	NS	6	7	22	12

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 29
 LP MAY 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3011 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	97	83	0	97	83	100	100	0	93	70	100	100
1B	PYRIDATE	3.75 EC	0.450 lb/ac	MP												
1C	ATRAZINE	4.00 L	0.600 lb/ac	MP												
1D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
2A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	90	0	100	90	100	100	0	100	80	100	100
2B	PYRIDATE	3.75 EC	0.700 lb/ac	MP												
2C	ATRAZINE	4.00 L	0.600 lb/ac	MP												
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
3A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	93	0	100	93	100	100	0	100	93	100	100
3B	PYRIDATE	3.75 EC	0.900 lb/ac	MP												
3C	ATRAZINE	4.00 L	1.200 lb/ac	MP												
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
4A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	97	93	0	97	97	100	90	0	93	97	100	90
4B	PYRIDATE	3.75 EC	0.450 lb/ac	MP												
4C	DICAMBA	4.00 S	0.250 lb/ac	MP												
5A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	80	0	100	80	100	100	0	100	63	100	100
5B	ATRAZINE	4.00 L	1.200 lb/ac	MP												
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
6A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	80	0	93	83	100	93	0	100	70	100	93
6B	PYRIDATE	3.75 EC	0.450 lb/ac	MP												
6C	NICOSULFURON	75.00 DF	0.031 lb/ac	MP												
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
7A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	90	0	100	90	100	93	0	100	90	100	93
7B	PYRIDATE	3.75 EC	0.450 lb/ac	MP												
7C	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP												
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
8A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	77	0	100	77	100	100	0	100	60	100	100
8B	KY 147	1.25 SC	0.310 lb/ac	MP												
9A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	90	0	100	90	100	100	0	100	70	100	97
9B	KY 147	1.25 SC	0.470 lb/ac	MP												
10A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	93	0	100	93	100	97	0	100	90	100	97
10B	KY 147	1.25 SC	0.620 lb/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3011 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----				-----8 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
11A	PYRIDATE	3.75 EC	0.450 lb/ac	MP	40	87	0	40	90	100	97	0	27	80	100	97
11B	ATRAZINE	4.00 L	0.600 lb/ac	MP												
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
12A	PYRIDATE	3.75 EC	0.700 lb/ac	MP	43	93	0	43	93	100	100	0	30	87	100	100
12B	ATRAZINE	4.00 L	0.600 lb/ac	MP												
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
13A	PYRIDATE	3.75 EC	0.900 lb/ac	MP	53	93	0	53	93	100	100	0	37	93	100	100
13B	ATRAZINE	4.00 L	1.200 lb/ac	MP												
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
14A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP	57	90	0	57	90	100	83	0	37	90	100	83
14B	PYRIDATE	3.75 EC	0.450 lb/ac	MP												
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
15A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP	60	90	0	67	97	100	83	0	53	93	100	83
15B	PYRIDATE	3.75 EC	0.700 lb/ac	MP												
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
16A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	100	77	0	100	80	100	93	0	100	67	100	93
16B	PYRIDATE	3.75 EC	0.450 lb/ac	MP												
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
17A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	93	83	0	93	83	97	97	0	87	70	97	97
17B	PYRIDATE	3.75 EC	0.700 lb/ac	MP												
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
18A	KY 147	1.25 SC	0.470 lb/ac	MP	100	93	0	100	93	100	100	0	97	83	100	100
18B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP												
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
LSD(.05) :					23	8	NS	25	9	NS	11	NS	24	18	NS	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 29
 MP MAY 17

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3012 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----7 DAYS AFTER APPLIED-----								
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	50	97	100	13	97	97	100	100	100
1B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP									
1C	ATRAZINE	4.00 L	0.500 lb/ac	MP									
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	27	93	100	10	93	100	100	100	100
2B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP									
2C	DICAMBA	4.00 S	0.250 lb/ac	MP									
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	30	93	100	10	93	100	100	100	100
3B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP									
3C	2,4-D ESTER	4.00 E	0.250 lb/ac	MP									
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	70	90	100	20	90	100	100	100	100
4B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP									
4C	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
4D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	20	93	80	3	93	90	77	77	93
5B	SAN 821	4.00 FL	0.500 lb/ac	MP									
6A	BROMOXYNIL	2.00 E	0.250 lb/ac	MP	40	90	100	13	90	100	100	100	100
6B	ATRAZINE	4.00 L	0.500 lb/ac	MP									
6C	NICOSULFURON	75.00 DF	0.031 lb/ac	MP									
6D	AG 98	0.00 WA	0.250 %	MP									
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	20	93	100	10	93	100	100	100	100
7B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
7C	ATRAZINE	4.00 L	0.500 lb/ac	MP									
7D	WEEDONE 638	2.80 EC	0.125 lb/ac	MP									
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	20	90	100	3	90	100	100	97	100
8B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
8C	ATRAZINE	4.00 L	0.500 lb/ac	MP									
8D	SAN 821	4.00 FL	0.063 lb/ac	MP									
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	10	97	93	0	97	93	100	97	93
9B	ATRAZINE	4.00 L	0.520 lb/ac	MP									
9C	SAN 821	4.00 FL	0.280 lb/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3012 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----7 DAYS AFTER APPLIED-----								
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
10A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	13	97	93	0	97	93	100	100	100
10B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP									
11A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	10	100	100	3	100	100	100	100	100
11B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP									
12A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	17	100	87	0	100	90	100	87	93
12B	DICAMBA	4.00 S	0.500 lb/ac	MP									
13A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	17	100	90	0	100	93	100	87	97
13B	SAN 821	4.00 FL	0.500 lb/ac	MP									
14	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		11	7	4	7	7	5	2	5	9

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 29
 MP MAY 21

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3012 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					-----8 WEEKS AFTER APPLIED----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	97	90	10	97	97	97	93	0	97	93	97	93
1B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP												
1C	ATRAZINE	4.00 L	0.500 lb/ac	MP												
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP												
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	97	100	0	97	100	100	90	0	100	100	100	83
2B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP												
2C	DICAMBA	4.00 S	0.250 lb/ac	MP												
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	97	93	0	97	93	100	93	0	97	93	100	80
3B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP												
3C	2,4-D ESTER	4.00 E	0.250 lb/ac	MP												
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	90	13	93	97	100	83	0	93	90	100	73
4B	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP												
4C	BROMOXYNIL	2.00 E	0.250 lb/ac	MP												
4D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP												
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	97	93	0	97	100	100	87	0	97	100	100	87
5B	SAN 821	4.00 FL	0.500 lb/ac	MP												
6A	BROMOXYNIL	2.00 E	0.250 lb/ac	MP	90	90	0	90	93	100	90	0	90	93	100	90
6B	ATRAZINE	4.00 L	0.500 lb/ac	MP												
6C	NICOSULFURON	75.00 DF	0.031 lb/ac	MP												
6D	AG 98	0.00 WA	0.250 %	MP												
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	97	90	0	97	93	100	93	0	97	93	100	93
7B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP												
7C	ATRAZINE	4.00 L	0.500 lb/ac	MP												
7D	WEEDONE 638	2.80 EC	0.125 lb/ac	MP												
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	97	93	0	97	100	100	90	0	97	100	100	83
8B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP												
8C	ATRAZINE	4.00 L	0.500 lb/ac	MP												
8D	SAN 821	4.00 FL	0.063 lb/ac	MP												
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	93	97	0	93	100	100	90	0	93	100	100	87
9B	ATRAZINE	4.00 L	0.520 lb/ac	MP												
9C	SAN 821	4.00 FL	0.280 lb/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3012 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						----8 WEEKS AFTER APPLIED----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
10A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	100	0	100	97	100	100	0	100	97	100	97
10B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP												
11A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100	100	0	100	100	100	93
11B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP												
12A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	100	90	0	100	100	100	87	0	100	100	100	77
12B	DICAMBA	4.00 S	0.500 lb/ac	MP												
13A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	100	90	0	100	100	100	87	0	100	100	100	83
13B	SAN 821	4.00 FL	0.500 lb/ac	MP												
14	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		9	8	2	9	6	2	7	NS	8	6	2	13

47

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 29
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 29
 MP MAY 21

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3014 CORN POSTEMERGENCE IR

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----7 DAYS AFTER APPLIED-----						-----14 DAYS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	93	83	0	93	93	80	90	0	100	100	87	93
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
1D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	90	0	90	93	100	90	0	97	100	100	100
2B	ATRAZINE	4.00 L	0.500 lb/ac	MP												
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
2E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
3A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	93	0	90	93	100	93	0	100	97	100	93
3B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP												
3C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
3D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
3E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
4A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	93	90	0	93	97	93	90	0	100	100	97	93
4B	BROMOXYNIL	2.00 E	0.125 lb/ac	MP												
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
4E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
5A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	90	0	90	97	93	90	0	100	97	97	90
5B	METALACHLOR II	7.80 E	1.500 lb/ac	MP												
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
5E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
6A	IMAZETHAPYR + PENDIM	3.00 E	0.903 lb/ac	MP	90	87	0	90	90	83	87	0	100	97	90	90
6B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
6D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
7A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	100	77	0	93	83	77	80	0	100	90	83	83
7B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP												
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
7D	TERBUFOS	15.00 G	1.030 lb/ac	INF												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3014 CORN POSTEMERGENCE IR

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----7 DAYS AFTER APPLIED-----						-----14 DAYS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
8A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	100	83	0	100	93	80	87	0	97	100	87	90
8B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP												
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
8D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
9A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	87	90	0	87	100	90	90	0	90	100	90	93
9B	CGA 152005	57.00 DF	0.036 lb/ac	MP												
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
9D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
10A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	100	80	0	100	100	80	87	0	97	100	90	93
10B	MON 12000	75.00 DF	0.032 lb/ac	MP												
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
10D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
11A	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
11B	TERBUFOS	15.00 G	1.030 lb/ac	INF												
LSD(.05) :					5	9	NS	8	11	7	8	NS	5	11	5	9

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 27
 VARIETY : PIONEER 32451R

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.30 %
 DATE TREATED : 1FN APRIL 27
 PRE APRIL 27
 MP MAY 17

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3014 CORN POSTEMERGENCE IR

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	83	0	100	97	80	87	0	100	97	63	73
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
1D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	90	0	90	97	100	90	0	80	93	100	87
2B	ATRAZINE	4.00 L	0.500 lb/ac	MP												
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
2E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
3A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	97	90	0	97	90	93	90	0	97	83	93	83
3B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP												
3C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
3D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
3E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
4A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	0	100	90	97	87	0	100	90	87	80
4B	BROMOXYNIL	2.00 E	0.125 lb/ac	MP												
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
4E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
5A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	0	100	93	97	87	0	97	90	93	77
5B	METALACHLOR II	7.80 E	1.500 lb/ac	MP												
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
5E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
6A	IMAZETHAPYR + PENDIM	3.00 E	0.903 lb/ac	MP	100	87	0	100	90	83	87	0	100	83	80	77
6B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
6D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
7A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	100	67	0	100	67	73	63	0	100	50	67	57
7B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP												
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
7D	TERBUFOS	15.00 G	1.030 lb/ac	INF												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3014 CORN POSTEMERGENCE IR

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
8A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	90	77	0	90	97	67	70	0	83	97	57	60
8B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP												
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
8D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
9A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	77	90	0	77	100	90	93	0	47	100	90	93
9B	CGA 152005	57.00 DF	0.036 lb/ac	MP												
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
9D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
10A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	93	83	0	93	100	80	87	0	80	100	67	83
10B	MON 12000	75.00 DF	0.032 lb/ac	MP												
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
10D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
11A	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
11B	TERBUFOS	15.00 G	1.030 lb/ac	INF												
LSD(.05) :					7	14	NS	7	10	20	11	NS	13	11	30	15

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 27
 VARIETY : PIONEER 32451R

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.30 %
 DATE TREATED : INF APRIL 27
 PRE APRIL 27
 MP MAY 17

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3015 CORN POSTEMERGENCE IR II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----7 DAYS AFTER APPLIED-----					-----14 DAYS AFTER APPLIED-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	83	0	90	90	80	90	0	100	100	80	93
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
1C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
1D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	80	0	90	90	77	93	0	100	100	77	93
2B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
2C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
2D	THIMET	20.00 G	1.030 lb/ac	BAN												
3A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	83	0	90	93	80	90	7	100	100	83	87
3B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
3C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
3D	TERBUFOS	20.00 G	1.030 lb/ac	BAN												
4A	PENDIMETHALIN	3.30 EC	0.825 lb/ac	PRE	100	90	0	100	90	100	90	20	100	100	97	90
4B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
4D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
4E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
5A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	100	90	7	100	90	90	90	7	100	100	90	90
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
5D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
5E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
6A	PENDIMETHALIN	3.30 EC	0.825 lb/ac	MP	90	90	0	90	90	90	90	0	100	100	90	90
6B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
6D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
6E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
7A	ATRAZINE	4.00 L	0.300 lb/ac	MP	90	90	0	90	90	100	90	7	100	100	100	90
7B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
7D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
7E	TERBUFOS	15.00 G	1.030 lb/ac	INF												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3015 CORN POSTEMERGENCE IR II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----7 DAYS AFTER APPLIED-----					----14 DAYS AFTER APPLIED----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
8A	2,4-D AMINE	4.00 E	0.500 lb/ac	MP	90	90	3	90	90	97	93	7	100	100	100	100
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
8D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
8E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
9A	DICAMBA	4.00 S	0.190 lb/ac	MP	90	90	10	90	93	93	90	10	100	100	100	100
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
9C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
9D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
9E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
10A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	100	90	0	100	90	87	93	0	100	97	87	90
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
10D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
10E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
11A	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE	100	20	0	100	30	67	97	0	100	30	67	97
11B	TERBUFOS	15.00 G	1.030 lb/ac	INF												
12A	CHECK (UNCULTIVATED)	0.00 CK	0.000		30	0	0	30	0	0	0	0	67	0	0	0
12B	TERBUFOS	15.00 G	1.030 lb/ac	INF												
LSD(.05) :					25	4	NS	25	25	29	9	10	NS	25	29	6

53

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 27
 VARIETY : PIONEER 32451R

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.30 %
 DATE TREATED : INF APRIL 27
 BAN APRIL 27
 PRE APRIL 27
 MP MAY 17

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3015 CORN POSTEMERGENCE IR II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						----8 WEEKS AFTER APPLIED----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	80	0	100	93	73	90	0	100	90	53	80
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
1C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
1D	TERBUFOS	15.00 G	1.030 lb/ac	INF												
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	80	0	100	93	73	87	0	100	93	67	80
2B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
2C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
2D	THIMET	20.00 G	1.030 lb/ac	BAN												
3A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	80	0	100	93	73	87	0	100	93	63	73
3B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
3C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
3D	TERBUFOS	20.00 G	1.030 lb/ac	BAN												
4A	PENDIMETHALIN	3.30 EC	0.825 lb/ac	PRE	100	90	0	97	93	97	90	0	100	93	97	80
4B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
4D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
4E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
5A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	100	90	0	100	93	90	87	0	100	93	67	83
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
5D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
5E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
6A	PENDIMETHALIN	3.30 EC	0.825 lb/ac	MP	100	90	0	100	93	90	90	0	100	93	80	80
6B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
6D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
6E	TERBUFOS	15.00 G	1.030 lb/ac	INF												
7A	ATRAZINE	4.00 L	0.300 lb/ac	MP	90	90	0	90	97	100	83	0	73	97	100	77
7B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
7D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
7E	TERBUFOS	15.00 G	1.030 lb/ac	INF												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3015 CORN POSTEMERGENCE IR II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
8A	2,4-D AMINE	4.00 E	0.500 lb/ac MP		97	90	10	97	90	100	90	0	97	90	100	87
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac MP													
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac MP													
8D	SUN-11 II	0.00 AD	0.750 qt/ac MP													
8E	TERBUFOS	15.00 G	1.030 lb/ac INF													
9A	DICAMBA	4.00 S	0.190 lb/ac MP		100	97	0	100	97	100	90	0	90	97	100	87
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac MP													
9C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac MP													
9D	SUN-11 II	0.00 AD	0.750 qt/ac MP													
9E	TERBUFOS	15.00 G	1.030 lb/ac INF													
10A	SAN 582H	7.50 EC	1.300 lb/ac PRE		100	87	0	100	90	87	90	0	97	87	80	80
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac MP													
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac MP													
10D	SUN-11 II	0.00 AD	0.750 qt/ac MP													
10E	TERBUFOS	15.00 G	1.030 lb/ac INF													
11A	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac PRE		100	13	0	100	0	100	90	0	100	0	100	90
11B	TERBUFOS	15.00 G	1.030 lb/ac INF													
12A	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
12B	TERBUFOS	15.00 G	1.030 lb/ac INF													
LSD(.05) :					3	5	NS	4	8	6	6	NS	9	8	11	9

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 27
 VARIETY : PIONEER 32451R

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.30 %
 DATE TREATED : INF APRIL 27
 BAN APRIL 27
 PRE APRIL 27
 MP MAY 17

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3016 CORN POSTEMERGENCE VI

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	4 WK CRIN	8 WK CRIN
1A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
1B	CGA 152005	57.00 DF	0.036 lb/ac	PRE		
1C	PIONEER 3245	0.00	0.000 lb/ac			
2A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
2B	CGA 152005	57.00 DF	0.036 lb/ac	MP		
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
2D	PIONEER 3245	0.00	0.000 lb/ac			
3A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
3B	CGA 152005	57.00 DF	0.036 lb/ac	PRE		
3C	TERBUFOS	15.00 G	1.030 lb/ac	INF		
3D	PIONEER 3245	0.00	0.000 lb/ac			
4A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
4B	CGA 152005	57.00 DF	0.036 lb/ac	MP		
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
4D	TERBUFOS	15.00 G	1.030 lb/ac	INF		
4E	PIONEER 3245	0.00	0.000 lb/ac			
5A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
5B	CHECK (UNCULTIVATED)	0.00 CK	0.000			
5C	PIONEER 3245	0.00	0.000 lb/ac			
6A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
6B	CGA 152005	57.00 DF	0.036 lb/ac	PRE		
6C	PIONEER 3245 IR	0.00	0.000 lb/ac			
7A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
7B	CGA 152005	57.00 DF	0.036 lb/ac	MP		
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
7D	PIONEER 3245 IR	0.00	0.000 lb/ac			
8A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
8B	CGA 152005	57.00 DF	0.036 lb/ac	PRE		
8C	TERBUFOS	15.00 G	1.030 lb/ac	INF		
8D	PIONEER 3245 IR	0.00	0.000 lb/ac			

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3016 CORN POSTEMERGENCE VI

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	4 WK CRIN	8 WK CRIN
9A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
9B	CGA 152005	57.00 DF	0.036 lb/ac	MP		
9C	TERBUFOS	15.00 G	1.030 lb/ac	INF		
9D	PIONEER 3245 IR	0.00	0.000 lb/ac			
10A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	0
10B	CHECK (UNCULTIVATED)	0.00 CK	0.000			
10C	PIONEER 3245 IR	0.00	0.000 lb/ac			
LSD(.05) :					NS	NS

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 11
 VARIETY : SEE ABOVE

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5
 DATE TREATED : PRE MAY 11
 MP JUNE 3

O.M. : 3.50 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----10 DAYS AFTER APPLIED-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	97	93	3	97	93	100	100
1B	DICAMBA	4.00 S	0.250 lb/ac	MP							
1C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
1D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
2A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	93	93	0	93	93	100	100
2B	SAN 821	4.00 FL	0.250 lb/ac	MP							
2C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
3A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	97	97	7	97	97	100	100
3B	FLUMICLORAC-PENTYL	0.86 EC	0.050 lb/ac	MP							
3C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
3D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
4A	NICOSULFURON	75.00 DF	0.016 lb/ac	MP	97	93	3	97	93	100	97
4B	PRIMISULFURON	75.00 WDG	0.018 lb/ac	MP							
4C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
5A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	97	0	90	97	100	100
5B	MON 12000	75.00 DF	0.032 lb/ac	MP							
5C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
6A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	100	97	0	100	97	100	100
6B	MON 12000	75.00 DF	0.032 lb/ac	MP							
6C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
7A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	97	97	3	97	100	100	97
7B	MON 12000	75.00 DF	0.032 lb/ac	MP							
7C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
7D	SCOIL	0.00 AD	1.000 qt/ac	MP							
8A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	97	97	0	97	97	100	100
8B	MON 12000	75.00 DF	0.016 lb/ac	MP							
8C	DICAMBA	4.00 S	0.016 lb/ac	MP							
8D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
8E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----10 DAYS AFTER APPLIED-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE
9A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	93	93	0	93	93	100	97
9B	DPX M6316	75.00 DF	0.004 lb/ac	MP							
9C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
10A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	100	77	0	100	77	100	100
10B	DPX M6316	75.00 DF	0.004 lb/ac	MP							
10C	ATRAZINE	4.00 L	0.250 lb/ac	MP							
10D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
10E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
11A	CYANAZINE + ATRAZINE	90.00 DF	2.700 lb/ac	PRE	100	100	0	100	100	100	100
11B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP							
11C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
12A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	97	83	0	97	83	97	90
12B	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
12C	SCOIL	0.00 AD	1.000 qt/ac	MP							
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	100	20	100	100	100	100
13B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
13C	2,4-D ESTER	4.00 E	0.250 lb/ac	MP							
14A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	100	10	100	100	100	100
14B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
14C	BROMOXYNIL	2.00 E	0.250 lb/ac	MP							
15A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	97	10	100	100	97	97
15B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
15C	BENTAZON	4.00 E	0.500 lb/ac	MP							
16A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	100	10	100	100	100	100
16B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
16C	DICAMBA	4.00 S	0.375 lb/ac	MP							
17A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	100	17	100	100	100	100
17B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
17C	2,4-D ESTER	4.00 E	0.075 lb/ac	MP							
17D	DICAMBA	4.00 S	0.188 lb/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----10 DAYS AFTER APPLIED-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE
18A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	87	0	100	80	100	100
18B	ATRAZINE	4.00 L	1.500 lb/ac	PRE							
18C	DICAMBA	4.00 S	0.500 lb/ac	IFN							
18D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
18E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN							
19A	SAN 582H	7.50 L	1.300 lb/ac	PRE	100	87	7	100	87	100	100
19B	ATRAZINE	4.00 L	1.500 lb/ac	PRE							
19C	DICAMBA	4.00 S	0.500 lb/ac	IFN							
19D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
19E	X-77 (SURFACTANT)	0.50 WA	0.250 %	INF							
20A	SAN 582H	7.50 L	1.400 lb/ac	PRE	100	97	3	100	93	100	100
20B	ATRAZINE	4.00 L	1.500 lb/ac	PRE							
20C	DICAMBA	4.00 S	0.500 lb/ac	IFN							
20D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
20E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN							
21A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	87	3	100	83	100	97
21B	ATRAZINE	4.00 L	1.500 lb/ac	PRE							
21C	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	IFN							
21D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
21E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN							
22A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	100	0	100	100	100	100
22B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP							
23A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	90	3	100	90	100	100
23B	ATRAZINE	4.00 L	1.500 lb/ac	PRE							
23C	SAN 821	4.00 FL	0.500 lb/ac	IFN							
23D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
23E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN							
24A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	90	0	100	90	100	100
24B	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	PRE							
24C	DICAMBA	4.00 S	0.500 lb/ac	IFN							
24D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
24E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----10 DAYS AFTER APPLIED-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPHE
25A	SAN 582H\ATRAZINE	5.00 SE	2.800 lb/ac	PRE	100	90	10	100	90	100	100
25B	DICAMBA	4.00 S	0.500 lb/ac	IFN							
25C	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN							
25D	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN							
26	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
			LSD(.05) :		5	5	3	5	6	6	3

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 7
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 7
 MP MAY 26
 IFN NOT REQUIRED

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	90	0	90	90	100	93	0	80	90	100	90
1B	DICAMBA	4.00 S	0.250 lb/ac	MP												
1C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
1D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
2A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	80	90	0	80	93	100	97	0	77	93	100	90
2B	SAN 821	4.00 FL	0.250 lb/ac	MP												
2C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
3A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	80	90	0	80	90	100	93	0	80	87	100	90
3B	FLUMICLORAC-PENTYL	0.86 EC	0.050 lb/ac	MP												
3C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
3D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
4A	NICOSULFURON	75.00 DF	0.016 lb/ac	MP	80	90	0	80	90	100	90	0	80	87	100	90
4B	PRIMISULFURON	75.00 WDG	0.018 lb/ac	MP												
4C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
5A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	83	83	0	83	90	100	93	0	80	90	100	90
5B	MON 12000	75.00 DF	0.032 lb/ac	MP												
5C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
6A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	87	0	90	100	100	93	0	90	93	100	93
6B	MON 12000	75.00 DF	0.032 lb/ac	MP												
6C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
7A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	90	0	90	97	100	90	0	90	93	100	90
7B	MON 12000	75.00 DF	0.032 lb/ac	MP												
7C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
7D	SCOIL	0.00 AD	1.000 qt/ac	MP												
8A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	90	0	90	90	100	93	0	83	90	100	90
8B	MON 12000	75.00 DF	0.016 lb/ac	MP												
8C	DICAMBA	4.00 S	0.016 lb/ac	MP												
8D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
8E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----				-----8 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
9A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	83	0	90	83	100	90	0	87	83	100	87
9B	DPX M6316	75.00 DF	0.004 lb/ac	MP												
9C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
10A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	97	63	0	97	63	100	97	0	93	50	100	93
10B	DPX M6316	75.00 DF	0.004 lb/ac	MP												
10C	ATRAZINE	4.00 L	0.250 lb/ac	MP												
10D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
10E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
11A	CYANAZINE + ATRAZINE	90.00 DF	2.700 lb/ac	PRE	90	90	0	90	90	100	93	0	90	87	100	90
11B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP												
11C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
12A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	87	77	0	87	77	97	87	0	87	70	97	83
12B	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
12C	SCOIL	0.00 AD	1.000 qt/ac	MP												
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	90	90	3	90	90	100	93	0	90	87	100	90
13B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP												
13C	2,4-D ESTER	4.00 E	0.250 lb/ac	MP												
14A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	97	90	0	97	93	100	83	0	97	87	100	80
14B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP												
14C	BROMOXYNIL	2.00 E	0.250 lb/ac	MP												
15A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	90	0	100	90	100	83	0	97	90	97	80
15B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP												
15C	BENTAZON	4.00 E	0.500 lb/ac	MP												
16A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	93	90	0	93	90	100	93	0	90	87	100	87
16B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP												
16C	DICAMBA	4.00 S	0.375 lb/ac	MP												
17A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	90	90	0	90	93	100	97	0	90	90	100	90
17B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP												
17C	2,4-D ESTER	4.00 E	0.075 lb/ac	MP												
17D	DICAMBA	4.00 S	0.188 lb/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPHOE	CRIN	SETFA	XANST	CHEAL	IPHOE
18A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	63	0	100	63	100	93	0	97	53	100	93
18B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
18C	DICAMBA	4.00 S	0.500 lb/ac	IFN												
18D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
18E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN												
19A	SAN 582H	7.50 L	1.300 lb/ac	PRE	97	77	0	97	80	100	87	0	93	70	100	83
19B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
19C	DICAMBA	4.00 S	0.500 lb/ac	IFN												
19D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
19E	X-77 (SURFACTANT)	0.50 WA	0.250 %	INF												
20A	SAN 582H	7.50 L	1.400 lb/ac	PRE	100	87	0	100	87	100	93	0	100	87	100	90
20B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
20C	DICAMBA	4.00 S	0.500 lb/ac	IFN												
20D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
20E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN												
21A	SAN 582H	7.50 L	1.200 lb/ac	PRE	97	67	0	97	67	100	97	0	97	63	100	93
21B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
21C	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	IFN												
21D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
21E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN												
22A	SAN 582H	7.50 L	1.200 lb/ac	PRE	93	90	0	93	90	100	100	0	93	90	100	93
22B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP												
23A	SAN 582H	7.50 L	1.200 lb/ac	PRE	93	73	0	93	73	100	97	0	93	70	100	90
23B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
23C	SAN 821	4.00 FL	0.500 lb/ac	IFN												
23D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
23E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN												
24A	SAN 582H	7.50 L	1.200 lb/ac	PRE	100	87	0	100	83	100	100	0	100	73	100	90
24B	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	PRE												
24C	DICAMBA	4.00 S	0.500 lb/ac	IFN												
24D	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
24E	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3017 CORN POSTEMERGENCE VII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPHE	CRIN	SETFA	XANST	CHEAL	IPHE
25A	SAN 582H\ATRAZINE	5.00 SE	2.800 lb/ac	PRE	93	73	0	93	73	100	97	0	93	63	100	93
25B	DICAMBA	4.00 S	0.500 lb/ac	IFN												
25C	NICOSULFURON	75.00 DF	0.031 lb/ac	IFN												
25D	X-77 (SURFACTANT)	0.50 WA	0.250 %	IFN												
26	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
				LSD(.05) :	9	9	NS	9	10	2	10	NS	9	13	3	9

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 7
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 7
 MP MAY 26
 IFN NOT REQUIRED

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3018 CORN INSECTICIDE INTERACTION

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	4 WK CRIN	8 WK CRIN
1A	TERBUFOS	15.00 G	1.030 lb/ac	INF	30	7
1B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF		
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
2A	TERBUFOS	15.00 G	1.030 lb/ac	INF	7	3
2B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF		
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
3A	TERBUFOS	15.00 G	1.030 lb/ac	INF	0	0
3B	MON 12000	75.00 DF	0.032 lb/ac	5LF		
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
4A	TERBUFOS	15.00 G	1.030 lb/ac	INF	3	0
4B	CGA 152005	57.00 DF	0.036 lb/ac	5LF		
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
5A	TERBUFOS	15.00 G	1.030 lb/ac	INF	13	0
5B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE		
6A	TERBUFOS	20.00 G	1.030 lb/ac	BAN	17	0
6B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF		
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
7A	TERBUFOS	20.00 G	1.030 lb/ac	BAN	13	0
7B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF		
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
8A	TERBUFOS	20.00 G	1.030 lb/ac	BAN	10	3
8B	MON 12000	75.00 DF	0.032 lb/ac	5LF		
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
9A	TERBUFOS	20.00 G	1.030 lb/ac	BAN	0	0
9B	CGA 152005	57.00 DF	0.036 lb/ac	5LF		
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
10A	TERBUFOS	20.00 G	1.030 lb/ac	BAN	7	0
10B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE		
11A	THIMET	20.00 G	1.030 lb/ac	BAN	0	0
11B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF		
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3018 CORN INSECTICIDE INTERACTION

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	4 WK CRIN	8 WK CRIN
12A	THIMET	20.00 G	1.030 lb/ac	BAN	3	0
12B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF		
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
13A	THIMET	20.00 G	1.030 lb/ac	BAN	3	0
13B	MON 12000	75.00 DF	0.032 lb/ac	5LF		
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
14A	THIMET	20.00 G	1.030 lb/ac	BAN	3	0
14B	CGA 152005	57.00 DF	0.036 lb/ac	5LF		
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
15A	THIMET	20.00 G	1.030 lb/ac	BAN	3	0
15B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE		
16A	FONOFOS	20.00 G	1.030 lb/ac	BAN	3	0
16B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF		
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
17A	FONOFOS	20.00 G	1.030 lb/ac	BAN	3	0
17B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF		
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
18A	FONOFOS	20.00 G	1.030 lb/ac	BAN	0	0
18B	MON 12000	75.00 DF	0.032 lb/ac	5LF		
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
19A	FONOFOS	20.00 G	1.030 lb/ac	BAN	0	0
19B	CGA 152005	57.00 DF	0.036 lb/ac	5LF		
19C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
20A	FONOFOS	20.00 G	1.030 lb/ac	BAN	17	3
20B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE		
21A	TEFLUTHRIN	1.50 G	0.130 lb/ac	BAN	0	0
21B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF		
21C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
22A	TEFLUTHRIN	1.50 G	0.130 lb/ac	BAN	0	0
22B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF		
22C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3018 CORN INSECTICIDE INTERACTION

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	4 WK CRIN	8 WK CRIN
23A	TEFLUTHRIN	1.50 G	1.300 lb/ac	BAN	3	0
23B	MON 12000	75.00 DF	0.032 lb/ac	5LF		
23C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
24A	TEFLUTHRIN	1.50 G	0.130 lb/ac	BAN	0	0
24B	CGA 152005	57.00 DF	0.036 lb/ac	5LF		
24C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
25A	TEFLUTHRIN	1.50 G	0.130 lb/ac	BAN	0	0
25B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE		
26A	CHLORPYRIFOS	15.00 G	0.103 lb/ac	BAN	0	0
26B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF		
26C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
27A	CHLORPYRIFOS	15.00 G	1.030 lb/ac	BAN	0	0
27B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF		
27C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
28A	CHLORPYRIFOS	15.00 G	1.030 lb/ac	BAN	0	0
28B	MON 12000	75.00 DF	0.032 lb/ac	5LF		
28C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
29A	CHLORPYRIFOS	15.00 G	1.030 lb/ac	BAN	0	0
29B	CGA 152005	57.00 DF	0.036 lb/ac	5LF		
29C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
30A	CHLORPYRIFOS	15.00 G	1.030 lb/ac	BAN	3	0
30B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE		
31A	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF	0	0
31B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
32A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF	0	0
32B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
33A	MON 12000	75.00 DF	0.032 lb/ac	5LF	7	0
33B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		
34A	CGA 152005	57.00 DF	0.036 lb/ac	5LF	3	0
34B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3018 CORN INSECTICIDE INTERACTION

<u>TRT</u> <u>NO.</u>	<u>HERBICIDE</u> <u>TREATMENT</u>	<u>FORMULA</u>	<u>RATE</u>	<u>APPL</u> <u>METH</u>	<u>4 WK</u> <u>CRIN</u>	<u>8 WK</u> <u>CRIN</u>
35	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE	0	0
36	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0
LSD(.05) :					12	NS

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 11
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5
 DATE TREATED : BAN MAY 11
 INF MAY 11
 PRE MAY 11
 5LF JUNE 14

O.M. : 3.30 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----			8 WEEKS AFTER APP				
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
1A	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	93	100	3	93	100	0	80	90
1B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
1C	HERBIMAX	0.00 AD	0.500 qt/ac	PRE								
2A	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE	83	93	0	83	93	0	43	83
2B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
2C	HERBIMAX	0.00 AD	0.500 qt/ac	PRE								
3A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	93	100	3	93	100	0	33	97
3B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
3C	HERBIMAX	0.00 AD	0.500 qt/ac	PRE								
4A	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	90	93	0	90	97	0	60	83
4B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
4C	HERBIMAX	0.00 AD	0.250 qt/ac	PRE								
5A	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PRE	93	93	0	93	93	0	80	93
5B	NICOSULFURON	75.00 DF	0.036 lb/ac	MP								
5C	ACTIVATOR 90	0.00 WA	1.000 %	MP								
6A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	PRE	93	97	27	93	100	0	80	77
6B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE								
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
7A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	PRE	90	100	27	90	100	0	67	100
7B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE								
7C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
8A	MON 8407	7.00 E	2.000 lb/ac	PRE	90	100	17	90	100	0	40	87
8B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE								
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
9A	MON 8407	7.00 E	2.000 lb/ac	PRE	93	97	10	93	97	0	70	77
9B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE								
9C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----			8 WEEKS AFTER APP				
					GGGG	BBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
10A	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	97	97	0	97	97	0	80	97
10B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
10C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
11A	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	93	100	0	93	100	0	67	70
11B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
11C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
12A	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	93	100	0	93	100	0	43	97
12B	2,4-D AMINE	4.00 E	0.500 lb/ac	PRE								
12C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
13A	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	97	100	3	97	100	0	73	83
13B	2,4-D AMINE	4.00 E	0.500 lb/ac	PRE								
13C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
13D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
14A	MON 8407	7.00 E	2.000 lb/ac	PRE	93	100	0	93	100	0	57	90
14B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
14C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
14D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
15A	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	100	97	0	100	100	0	87	97
15B	2,4-D AMINE	4.00 E	0.500 lb/ac	PRE								
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE								
16A	ALACHLOR MT + ATRAZ	4.00 L	3.000 lb/ac	PRE	97	93	0	97	97	0	77	83
16B	CYANAZINE + ATRAZINE	90.00 DF	1.500 lb/ac	PRE								
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE								
17A	MON 8407	7.00 E	2.000 lb/ac	PRE	77	93	0	77	97	0	57	93
17B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
17C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
17D	MON 12000	75.00 DF	0.032 lb/ac	MP								
17E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----					8 WEEKS AFTER APP		
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
18A	MON 8407	7.00 E	2.000 lb/ac	PRE	83	100	0	80	100	0	70	97
18B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
18C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
18D	MON 12000	75.00 DF	0.032 lb/ac	MP								
18E	SAN 821	4.00 FL	0.250 lb/ac	MP								
18F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
19A	MON 8407	7.00 E	2.000 lb/ac	PRE	87	100	0	80	100	0	70	100
19B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
19C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
19D	MON 12000	75.00 DF	0.032 lb/ac	MP								
19E	DICAMBA	4.00 S	0.250 lb/ac	MP								
19F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
20A	METALACHLOR II	7.80 E	2.000 lb/ac	PRE	70	67	57	47	100	0	63	100
20B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
20C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
20D	CGA 152005	57.00 DF	0.036 lb/ac	MP								
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
21A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	90	97	3	90	97	0	47	70
21B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
21C	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
21D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
22A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	100	97	0	100	100	0	73	90
22B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE								
22C	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
22D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
23A	ACETOCHLOR+ATRAZINE	5.00 SC	2.660 lb/ac	PRE	93	97	0	93	100	0	63	100
23B	ATRAZINE	4.00 L	0.430 lb/ac	PRE								
23C	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
23D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
24A	ACETOCHLOR+ATRAZINE	5.00 SC	3.000 lb/ac	PRE	90	97	0	90	97	0	77	87
24B	ATRAZINE	4.00 L	0.300 lb/ac	PRE								
24C	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
24D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----			8 WEEKS AFTER APP				
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
25A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	97	97	3	97	100	0	67	80
25B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
25C	SULFOSATE	6.00 AQ	1.500 lb/ac	PRE								
25D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
26A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	97	100	3	97	100	0	73	93
26B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE								
26C	SULFOSATE	6.00 AQ	1.500 lb/ac	PRE								
26D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
27A	ACETOCHLOR+ATRAZINE	5.00 SC	2.660 lb/ac	PRE	93	97	3	93	100	0	80	100
27B	ATRAZINE	4.00 L	0.430 lb/ac	PRE								
27C	SULFOSATE	6.00 AQ	1.500 lb/ac	PRE								
27D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
28A	ACETOCHLOR+ATRAZINE	5.00 SC	3.000 lb/ac	PRE	97	97	10	97	97	0	73	73
28B	ATRAZINE	4.00 L	0.300 lb/ac	PRE								
28C	SULFOSATE	6.00 AQ	1.500 lb/ac	PRE								
28D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
29A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	90	90	3	87	90	0	73	63
29B	SAN 821	4.00 FL	0.500 lb/ac	PRE								
29C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
29D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
30A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	87	100	0	87	100	0	73	87
30B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	PRE								
30C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
30D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
31A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	83	93	0	80	93	0	73	93
31B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
31C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
31D	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP								
32A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	87	97	0	77	97	0	70	90
32B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
32C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
32D	SAN 821	4.00 FL	0.500 lb/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				8 WEEKS AFTER APP			
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
33A	SAN 582H	7.50 EC	1.200 lb/ac	PRE	87	93	3	80	100	0	73	100
33B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
33C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
33D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
33E	SAN 821	4.00 FL	0.500 lb/ac	MP								
34A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	90	97	0	87	100	0	73	97
34B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
34C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
34D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
34E	SAN 821	4.00 FL	0.500 lb/ac	MP								
35A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	83	87	0	80	87	0	70	87
35B	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	PRE								
35C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
35D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
35E	SAN 821	4.00 FL	0.500 lb/ac	MP								
36A	SAN 582H\ATRAZINE	5.00 SE	2.800 lb/ac	PRE	87	100	0	80	100	0	70	93
36B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
36C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
36D	SAN 821	4.00 FL	0.500 lb/ac	MP								
37A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	57	87	0	57	87	0	47	87
37B	PYRIDATE	3.75 EC	0.700 lb/ac	MP								
37C	ATRAZINE	4.00 L	0.600 lb/ac	MP								
37D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
38A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	50	93	0	50	97	0	43	97
38B	PYRIDATE	3.75 EC	0.900 lb/ac	MP								
38C	ATRAZINE	4.00 L	1.200 lb/ac	MP								
38D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
39A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	50	87	3	50	90	0	37	87
39B	ATRAZINE	4.00 L	12.000 lb/ac	MP								
39C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
40A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	70	67	33	63	100	0	47	100
40B	DICAMBA + ATRAZINE	3.20 L	1.500 lb/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----					8 WEEKS AFTER APP			
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH	
41A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	47	87	0	43	87	0	23	87	
41B	KY 147	1.25 SC	0.310 lb/ac	MP									
42A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	47	93	0	47	93	0	17	93	
42B	KY 147	1.25 SC	0.470 lb/ac	MP									
43A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	83	97	3	83	100	0	23	90	
43B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
43C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
44A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PRE	87	93	3	87	97	0	30	90	
44B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
44C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
LSD(.05) :					24	NS	NS	24	NS	NS	29	NS	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 5
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 5
 MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3007 CORN EARLY PREEMERGENCE & PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	100	80	0	100	67	100	90	100
2	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PPI	100	90	0	100	90	100	97	93
3	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PRE	100	90	0	100	90	100	90	97
4	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PPI	97	90	0	97	90	100	87	100
5A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	100	83	0	100	73	100	87	100
5B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
6A	SAN 582H	7.50 EC	1.300 lb/ac	PPI	100	90	0	100	83	100	90	100
6B	ATRAZINE	4.00 L	1.500 lb/ac	PPI								
7	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	100	80	0	100	70	100	90	97
8	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PPI	100	87	0	100	83	100	87	97
9	ALACHLOR EC + ATRAZ	4.00 FL	4.000 lb/ac	PRE	100	83	0	100	80	100	93	93
10	ALACHLOR EC + ATRAZ	4.00 FL	4.000 lb/ac	PPI	97	87	3	97	87	100	93	97
11A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	100	90	0	100	90	100	90	100
11B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
12A	ACETOCHLOR	6.40 E	1.800 lb/ac	PPI	100	90	3	100	90	100	87	100
12B	ATRAZINE	4.00 L	1.500 lb/ac	PPI								
13A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PRE	100	83	0	100	77	100	97	97
13B	ATRAZINE	4.00 L	1.250 lb/ac	PRE								
14A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PPI	100	90	0	100	90	100	90	100
14B	ATRAZINE	4.00 L	1.250 lb/ac	PPI								
15A	MON 8407	7.00 E	2.000 lb/ac	PRE	100	90	0	100	90	100	93	97
15B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
16A	MON 8407	7.00 E	2.000 lb/ac	PPI	100	90	3	100	90	100	90	97
16B	ATRAZINE	4.00 L	1.500 lb/ac	PPI								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3007 CORN EARLY PREEMERGENCE & PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
17A	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE	93	90	3	93	90	100	93	100
17B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE								
18A	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PP1	97	90	7	97	93	100	90	100
18B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PP1								
19	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE	100	73	0	100	63	100	93	100
20	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PP1	100	90	3	100	87	100	90	97
21	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0
LSD(.05) :					4	8	NS	4	14	NS	7	7

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 27
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 27
 PP1 APRIL 27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3007 CORN EARLY PREEMERGENCE & PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PRE	0	100	17	100	90	100
2	METALACHLOR + ATRAZI	5.90 L	3.600 lb/ac	PPI	0	100	60	100	90	87
3	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PRE	0	100	53	100	90	100
4	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PPI	0	93	67	100	90	97
5A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	0	100	30	100	90	97
5B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
6A	SAN 582H	7.50 EC	1.300 lb/ac	PPI	0	100	40	100	90	97
6B	ATRAZINE	4.00 L	1.500 lb/ac	PPI						
7	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PRE	0	100	17	100	90	100
8	ALACHLOR MT + ATRAZ	4.00 L	4.000 lb/ac	PPI	0	100	30	100	90	97
9	ALACHLOR EC + ATRAZ	4.00 FL	4.000 lb/ac	PRE	0	100	43	100	87	93
10	ALACHLOR EC + ATRAZ	4.00 FL	4.000 lb/ac	PPI	0	90	67	100	93	100
11A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	0	100	40	100	90	100
11B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
12A	ACETOCHLOR	6.40 E	1.800 lb/ac	PPI	0	100	50	100	90	100
12B	ATRAZINE	4.00 L	1.500 lb/ac	PPI						
13A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PRE	0	97	27	100	90	100
13B	ATRAZINE	4.00 L	1.250 lb/ac	PRE						
14A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PPI	0	100	57	100	90	100
14B	ATRAZINE	4.00 L	1.250 lb/ac	PPI						
15A	MON 8407	7.00 E	2.000 lb/ac	PRE	0	100	50	100	93	93
15B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
16A	MON 8407	7.00 E	2.000 lb/ac	PPI	0	100	47	100	90	100
16B	ATRAZINE	4.00 L	1.500 lb/ac	PPI						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3007 CORN EARLY PREEMERGENCE & PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
17A	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE	0	70	90	100	83	90
17B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE						
18A	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PPI	0	97	73	100	83	100
18B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PPI						
19	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE	0	100	13	100	90	100
20	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PPI	0	100	30	100	87	97
21	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0
				LSD(.05) :	NS	12	28	NS	8	9

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 27
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE APRIL 27
 PPI APRIL 27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3006 NO-TILL CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----		8 WEEKS AFTER APP					
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
1A	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	2WP	93	93	0	93	93	0	78	50
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
2A	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	2WP	93	83	0	88	88	0	75	78
2B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP								
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
3	METALACHLOR + ATRA.	6.00 L	4.125 lb/ac	2WP	80	88	0	80	85	0	53	80
4A	METALACHLOR + ATRA.	6.00 L	4.125 lb/ac	2WP	90	90	0	90	90	0	50	73
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP								
5	METALACHLOR + ATRA.	5.00 L	3.440 lb/ac	2WP	90	90	0	90	90	0	75	63
6A	METALACHLOR + ATRA.	5.00 L	3.440 lb/ac	2WP	95	85	0	95	85	0	70	50
6B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP								
7A	METALACHLOR + ATRA.	5.00 L	3.440 lb/ac	2WP	85	88	0	85	90	0	58	85
7B	PRIMISULFURON	75.00 WDG	0.018 lb/ac	MP								
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
8A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	93	93	0	93	93	0	65	78
8B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	2WP								
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
9A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	90	93	0	90	95	0	73	85
9B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	2WP								
9C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
10A	MON 8407	7.00 E	2.500 lb/ac	2WP	90	95	0	90	95	0	68	85
10B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	2WP								
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
11A	MON 8407	7.00 E	2.500 lb/ac	2WP	90	95	0	90	98	0	63	88
11B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	2WP								
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3006 NO-TILL CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----			8 WEEKS AFTER APP				
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
12A	MON 8407	7.00 E	2.500 lb/ac	2WP	83	90	0	83	90	0	33	73
12B	ATRAZINE	4.00 L	1.500 lb/ac	2WP								
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
13A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	4WP	70	93	0	70	98	0	18	98
13B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
14A	DE-498 + METALACHLOR	7.67 EC	2.640 lb/ac	4WP	80	93	0	80	95	0	65	95
14B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
14C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
15A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	4WP	88	90	0	88	90	0	58	88
15B	ATRAZINE	90.00 WDG	1.000 lb/ac	4WP								
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
16A	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP	0	85	0	0	88	0	0	95
16B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
17A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	2WP	83	90	0	83	90	0	48	88
17B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
17C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
18A	DE-498 + METALACHLOR	7.67 EC	2.640 lb/ac	2WP	90	90	0	90	93	0	70	93
18B	GLYPHOSATE	4.00 E	0.500 lb/ac	2WP								
18C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
19A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	2WP	88	90	0	88	90	0	58	88
19B	ATRAZINE	90.00 WDG	1.000 lb/ac	2WP								
19C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
19D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
20A	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP	25	53	0	25	73	0	18	80
20B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
21A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	85	93	0	85	93	0	60	83
21B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
21C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3006 NO-TILL CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----					8 WEEKS AFTER APP			
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH	
22A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PRE	88	90	0	88	93	0	55	85	
22B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
22C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
23A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	90	90	0	90	93	0	55	83	
23B	ATRAZINE	90.00 WDG	1.000 lb/ac	PRE									
23C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
23D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
24A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	60	85	0	65	93	0	35	90	
24B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
25A	SAN 582H	7.50 L	1.200 lb/ac	2WP	90	100	0	90	100	0	78	100	
25B	ATRAZINE	4.00 L	1.500 lb/ac	2WP									
25C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
25D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
25E	SAN 821	4.00 FL	0.500 lb/ac	MP									
26A	SAN 582H	7.50 L	1.400 lb/ac	2WP	90	93	0	90	93	0	80	93	
26B	ATRAZINE	4.00 L	1.500 lb/ac	2WP									
26C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
26D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
26E	SAN 821	4.00 FL	0.500 lb/ac	MP									
27A	SAN 582H	7.50 L	1.400 lb/ac	2WP	90	95	0	90	95	0	75	95	
27B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	2WP									
27C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
27D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
27E	SAN 821	4.00 FL	0.500 lb/ac	MP									
28A	SAN 582H	7.50 L	1.400 lb/ac	2WP	88	98	0	85	100	0	75	100	
28B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
28C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
28D	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP									
LSD(.05) :					16	13	NS	17	9	NS	24	20	

LOCATION : SPINDLETOP
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : MAY 5
VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.0 O.M. : 3.50 %
DATE TREATED : 4WP APRIL 8
2WP APRIL 23
PRE MAY 5
MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3011 SOYBEAN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	ABUTH
1	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	7	0	100	0	17	17	90	67
2	METOLACHLOR	8.00 E	2.100 lb/ac	PRE	100	20	0	100	27	43	0	63	67
3	METOLACHLOR	8.00 E	2.340 lb/ac	PRE	100	27	0	100	17	47	23	67	63
4	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	73	90	0	73	97	100	83	87	100
5	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	87	90	0	87	100	100	83	93	100
6	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE	97	83	0	97	93	97	60	100	100
7	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE	100	90	0	100	97	100	77	100	100
8	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	PRE	67	90	0	67	97	100	73	100	100
9A	ALACHLOR	4.00 MT	1.750 lb/ac	PRE	100	87	0	100	97	97	77	100	100
9B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE									
10A	ALACHLOR	4.00 MT	2.250 lb/ac	PRE	100	93	0	100	100	100	80	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
11A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	100	97	0	100	100	100	90	100	100
11B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
11D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
12	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	100	87	0	100	93	100	67	93	100
13	DE-498 + METALACHLOR	7.67 EC	2.100 lb/ac	PRE	100	87	0	100	93	100	63	100	100
14A	METRIBUZIN 1	75.00 DF	0.375 lb/ac	PRE	100	53	0	100	97	100	10	100	100
14B	CLOMAZONE	4.00 EC	0.250 lb/ac	PRE									
14C	IMAZAQUIN	70.00 DG	0.031 lb/ac	MP									
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
15A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	100	90	0	100	100	100	63	100	100
15B	IMAZAQUIN	70.00 DG	0.093 lb/ac	PRE									
16A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	100	90	0	100	100	100	80	100	100
16B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3011 SOYBEAN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	ABUTH
17A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	100	93	0	100	100	100	90	100	100
17B	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP									
17C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
17D	SUN-IT II	0.00 AD	0.750 qt/ac	MP									
18A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	100	80	0	100	100	100	57	100	100
18B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
19A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	100	90	7	100	100	100	87	100	100
19B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP									
19C	LACTOFEN	2.00 E	0.063 lb/ac	MP									
19D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
19E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
20	F6285	75.00 DF	0.375 lb/ac	PRE	100	87	0	100	87	100	100	100	100
21A	F6285	75.00 DF	0.250 lb/ac	PRE	100	90	0	100	87	100	100	100	100
21B	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE									
22A	F6285	75.00 DF	0.250 lb/ac	PRE	100	100	0	100	100	100	100	100	100
22B	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP									
22C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
22D	SUN-IT II	0.00 AD	0.750 qt/ac	MP									
23A	F6285	75.00 DF	0.375 lb/ac	PRE	100	90	0	100	87	100	100	100	100
23B	ALACHLOR	4.00 MT	2.000 lb/ac	PRE									
24A	SAN 582H	7.50 L	1.300 lb/ac	PRE	100	90	0	100	97	100	70	100	100
24B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE									
24C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN									
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN									
25A	SAN 582H	7.50 L	1.300 lb/ac	PRE	100	83	0	100	93	100	63	100	100
25B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
25C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN									
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3011 SOYBEAN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	ABUTH
26A	SAN 582H	7.50 L	1.300 lb/ac	PRE	100	90	0	100	100	100	70	100	100
26B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
26C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN									
26D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN									
27A	SAN 582H	7.50 L	1.300 lb/ac	PRE	100	90	0	100	97	100	70	100	100
27B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE									
27C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN									
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN									
28A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	100	90	0	100	100	100	90	80	100
28B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP									
28C	QUIZALOFOP	0.80 L	0.050 lb/ac	MP									
28D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
29A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	100	87	0	100	97	100	73	100	100
29B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
30A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	100	90	0	100	100	100	80	100	100
30B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
31A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	100	87	0	100	93	100	63	100	100
31B	ALACHLOR	4.00 MT	2.500 lb/ac	PRE									
32A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	97	87	0	97	100	100	67	100	100
32B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP									
32C	DPX M6316	25.00 DF	0.004 lb/ac	MP									
32D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
33A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	93	87	0	93	100	90	87	100	100
33B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP									
33C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
34	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		7	14	2	7	16	20	17	23	27

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 6
VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE TREATED : PRE MAY 6
MP MAY 27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3011 SOYBEAN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	ABUTH
1	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	100	0	80	13	97	100
2	METOLACHLOR	8.00 E	2.100 lb/ac	PRE	0	90	0	63	0	100	67
3	METOLACHLOR	8.00 E	2.340 lb/ac	PRE	0	100	17	40	47	97	57
4	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	0	37	83	100	73	87	100
5	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	0	57	67	100	80	77	100
6	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE	0	93	67	87	57	100	97
7	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE	0	97	63	100	60	100	97
8	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	PRE	0	33	80	100	70	100	100
9A	ALACHLOR	4.00 MT	1.750 lb/ac	PRE	0	100	77	97	67	100	100
9B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE							
10A	ALACHLOR	4.00 MT	2.250 lb/ac	PRE	0	100	80	100	60	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
11A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	0	100	100	87	77	100	100
11B	IMAZETHAPYR	.2.00 AS	0.063 lb/ac	MP							
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
11D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
12	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	93	37	97	43	100	100
13	DE-498 + METALACHLOR	7.67 EC	2.100 lb/ac	PRE	0	97	33	100	40	100	100
14A	METRIBUZIN 1	75.00 DF	0.375 lb/ac	PRE	0	100	93	67	40	100	100
14B	CLOMAZONE	4.00 EC	0.250 lb/ac	PRE							
14C	IMAZAQUIN	70.00 DG	0.031 lb/ac	MP							
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
15A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	100	50	100	27	100	100
15B	IMAZAQUIN	70.00 DG	0.093 lb/ac	PRE							
16A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	100	90	100	47	100	100
16B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3011 SOYBEAN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	ABUTH
17A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	100	97	100	63	100	100
17B	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP							
17C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
17D	SUN-1T II	0.00 AD	0.750 qt/ac	MP							
18A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	100	93	100	33	100	100
18B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP							
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
19A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	100	90	100	57	100	100
19B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP							
19C	LACTOFEN	2.00 E	0.063 lb/ac	MP							
19D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
19E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
20	F6285	75.00 DF	0.375 lb/ac	PRE	0	100	30	100	100	100	100
21A	F6285	75.00 DF	0.250 lb/ac	PRE	0	100	37	100	100	100	100
21B	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE							
22A	F6285	75.00 DF	0.250 lb/ac	PRE	0	97	90	100	97	100	100
22B	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP							
22C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
22D	SUN-1T II	0.00 AD	0.750 qt/ac	MP							
23A	F6285	75.00 DF	0.375 lb/ac	PRE	0	100	63	100	100	100	100
23B	ALACHLOR	4.00 MT	2.000 lb/ac	PRE							
24A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	100	93	100	90	100	100
24B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE							
24C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN							
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN							
25A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	100	97	100	87	100	100
25B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE							
25C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN							
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3011 SOYBEAN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	ABUTH
26A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	100	97	100	90	100	100
26B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
26C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN							
26D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN							
27A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	100	90	100	87	100	100
27B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE							
27C	FOMESAFEN	2.00 LC	0.375 lb/ac	IFN							
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN							
28A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	0	87	97	100	83	50	100
28B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP							
28C	QUIZALOFOP	0.80 L	0.050 lb/ac	MP							
28D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
29A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	0	97	70	100	57	100	100
29B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE							
30A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	0	100	60	100	53	100	100
30B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE							
31A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	0	100	30	100	40	100	100
31B	ALACHLOR	4.00 MT	2.500 lb/ac	PRE							
32A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	90	90	100	70	100	83
32B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP							
32C	DPX M6316	25.00 DF	0.004 lb/ac	MP							
32D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
33A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	90	97	53	73	100	100
33B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP							
33C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
34	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
			LSD(.05) :		NS	9	22	28	27	9	23

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE PLANTED : MAY 6
DATE TREATED : PRE MAY 6
VARIETY : FLYER MP MAY 27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	ABUTH
1	TRIFLURALIN	4.00 E	1.000 lb/ac PPI		100	47	0	100	0	100	70	30	100	100	90
2	IMAZAQUIN + TRIFLURA	3.00 EC	0.860 lb/ac PPI		100	90	0	100	97	100	90	100	100	100	100
3	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac PPI		100	90	0	100	97	100	83	93	100	100	100
4	PENDIMETHALIN	3.30 EC	1.000 lb/ac PPI		97	50	0	97	27	93	77	63	100	100	93
5	PENDIMETHALIN	60.00 DG	1.000 lb/ac PPI		100	53	0	100	40	97	60	63	100	100	100
6A	PENDIMETHALIN	3.30 EC	1.000 lb/ac PPI		100	90	0	100	93	100	80	93	100	100	100
6B	IMAZAQUIN	70.00 DG	0.125 lb/ac PPI												
7	METOLACHLOR	8.00 E	2.100 lb/ac PPI		100	40	0	100	17	90	37	97	100	100	100
8	METOLACHLOR	8.00 E	2.340 lb/ac PPI		100	43	0	100	7	87	33	93	100	100	100
9A	TRIFLURALIN	4.00 E	1.000 lb/ac PPI		100	90	0	100	93	100	87	100	100	100	100
9B	IMAZAQUIN	70.00 DG	0.125 lb/ac PPI												
10A	TRIFLURALIN	4.00 E	1.000 lb/ac PPI		100	90	0	100	90	100	87	87	100	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac PPI												
11A	TRIFLURALIN	4.00 E	0.750 lb/ac PPI		100	87	0	100	93	100	77	80	100	100	100
11B	METRIBUZIN 1	75.00 DF	0.375 lb/ac PPI												
11C	IMAZAQUIN	70.00 DG	0.031 lb/ac MP												
11D	X-77 (SURFACTANT)	0.50 WA	0.250 % MP												
12A	TRIFLURALIN	4.00 E	0.750 lb/ac PPI		100	87	0	100	87	100	80	90	100	100	100
12B	METRIBUZIN 1	75.00 DF	0.250 lb/ac PPI												
12C	IMAZAQUIN	70.00 DG	0.063 lb/ac PPI												
13A	TRIFLURALIN	4.00 E	0.750 lb/ac PPI		97	90	0	97	90	100	83	93	100	100	100
13B	METRIBUZIN 1	75.00 DF	0.375 lb/ac PPI												
13C	IMAZAQUIN	70.00 DG	0.063 lb/ac PPI												
14A	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac PPI		100	87	0	100	93	100	73	87	100	100	100
14B	IMAZAQUIN	70.00 DG	0.031 lb/ac MP												
14C	X-77 (SURFACTANT)	0.50 WA	0.250 % MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----											
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	ABUTH	
15A	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	100	100	0	100	100	100	97	100	100	100	100	
15B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
15C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP												
15D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
16	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PPI	100	90	0	100	93	100	87	97	100	100	100	
17	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PPI	100	90	0	100	90	100	83	93	100	100	100	
18	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	100	80	0	100	80	100	43	97	100	100	100	
19	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PPI	100	77	0	100	83	100	57	97	100	100	100	
20A	ALACHLOR	4.00 MT	2.000 lb/ac	PPI	100	90	0	100	97	93	90	100	100	100	100	
20B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PPI												
21A	ALACHLOR	4.00 MT	2.000 lb/ac	PPI	100	90	0	100	93	100	77	97	100	100	100	
21B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI												
22A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	100	90	0	100	97	100	60	100	100	100	100	
22B	IMAZAQUIN	70.00 DG	0.093 lb/ac	PPI												
23A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	100	90	0	100	90	100	73	100	100	100	100	
23B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PPI												
24A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	100	90	0	100	100	100	90	100	100	100	100	
24B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
24C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP												
24D	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
25A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	100	90	0	100	93	100	63	100	100	100	100	
25B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP												
25C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
26A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	100	90	0	100	100	100	90	100	100	100	100	
26B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP												
26C	LACTOFEN	2.00 E	0.063 lb/ac	MP												
26D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP												
26E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	ABUTH
27A	F6285	75.00 DF	0.250 lb/ac	PPI	100	93	0	100	87	100	93	97	100	100	100
27B	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI											
28A	F6285	75.00 DF	0.375 lb/ac	PPI	100	90	0	100	77	100	97	100	100	100	100
28B	ALACHLOR	4.00 MT	2.000 lb/ac	PPI											
29A	F6285	75.00 DF	0.250 lb/ac	PPI	100	100	0	100	100	100	100	100	100	100	100
29B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
29C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP											
29D	SUN-IT II	0.00 AD	1.000 qt/ac	MP											
30	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		2	15	NS	2	21	9	21	12	NS	NS	6

94

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PPI MAY 6
 MP MAY 27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	ABUTH
1	TRIFLURALIN	4.00 E	1.000 lb/ac	PPI	0	100	0	100	50	40	100	100	90
2	IMAZAQUIN + TRIFLURA	3.00 EC	0.860 lb/ac	PPI	0	100	83	100	80	100	100	100	100
3	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PPI	0	100	90	100	77	97	100	100	100
4	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	0	100	17	93	47	73	100	100	97
5	PENDIMETHALIN	60.00 DG	1.000 lb/ac	PPI	0	100	27	97	53	63	100	100	100
6A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	0	100	67	100	50	100	100	100	100
6B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PPI									
7	METOLACHLOR	8.00 E	2.100 lb/ac	PPI	0	100	17	87	0	97	100	100	100
8	METOLACHLOR	8.00 E	2.340 lb/ac	PPI	0	100	0	100	10	100	100	100	100
9A	TRIFLURALIN	4.00 E	1.000 lb/ac	PI	0	100	83	100	77	100	100	100	100
9B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PPI									
10A	TRIFLURALIN	4.00 E	1.000 lb/ac	PPI	0	100	80	100	83	30	100	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI									
11A	TRIFLURALIN	4.00 E	0.750 lb/ac	PPI	0	100	87	100	80	70	100	100	100
11B	METRIBUZIN 1	75.00 DF	0.375 lb/ac	PPI									
11C	IMAZAQUIN	70.00 DG	0.031 lb/ac	MP									
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
12A	TRIFLURALIN	4.00 E	0.750 lb/ac	PPI	0	100	70	100	77	93	100	100	100
12B	METRIBUZIN 1	75.00 DF	0.250 lb/ac	PPI									
12C	IMAZAQUIN	70.00 DG	0.063 lb/ac	PPI									
13A	TRIFLURALIN	4.00 E	0.750 lb/ac	PPI	0	100	77	100	77	93	100	100	100
13B	METRIBUZIN 1	75.00 DF	0.375 lb/ac	PPI									
13C	IMAZAQUIN	70.00 DG	0.063 lb/ac	PPI									
14A	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	0	100	93	100	53	87	100	100	100
14B	IMAZAQUIN	70.00 DG	0.031 lb/ac	MP									
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	ABUTH
15A	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	0	100	93	100	90	100	100	100	100
15B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
15C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
15D	SUN-IT II	0.00 AD	0.750 qt/ac	MP									
16	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PPI	0	100	73	100	70	97	100	100	100
17	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PPI	0	100	50	100	60	100	100	100	100
18	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	0	100	40	100	7	100	100	100	100
19	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PPI	0	100	43	100	10	100	100	100	100
20A	ALACHLOR	4.00 MT	2.000 lb/ac	PPI	0	100	80	100	53	100	100	100	100
20B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PPI									
21A	ALACHLOR	4.00 MT	2.000 lb/ac	PPI	0	97	80	100	40	90	100	100	100
21B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI									
22A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	0	100	80	100	33	97	100	100	100
22B	IMAZAQUIN	70.00 DG	0.093 lb/ac	PPI									
23A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	0	100	57	100	30	97	100	100	100
23B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PPI									
24A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	0	100	93	100	63	100	100	100	100
24B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
24C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
24D	SUN-IT II	0.00 AD	0.750 qt/ac	MP									
25A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	0	100	93	100	27	100	100	100	100
25B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
25C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
26A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	0	100	93	100	30	100	100	100	100
26B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP									
26C	LACTOFEN	2.00 E	0.063 lb/ac	MP									
26D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
26E	SUN-IT II	0.00 AD	1.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	ABUTH
27A	F6285	75.00 DF	0.250 lb/ac PPI		0	100	57	100	87	100	100	100	100
27B	CLOMAZONE	4.00 EC	0.750 lb/ac PPI										
28A	F6285	75.00 DF	0.375 lb/ac PPI		0	97	43	100	97	100	100	100	97
28B	ALACHLOR	4.00 MT	2.000 lb/ac PPI										
29A	F6285	75.00 DF	0.250 lb/ac PPI		0	100	97	100	90	100	100	100	100
29B	IMAZETHAPYR	2.00 AS	0.063 lb/ac MP										
29C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
29D	SUN-IT II	0.00 AD	1.000 qt/ac MP										
30	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		NS	2	22	6	28	21	NS	NS	6

97

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PPI MAY 6
 MP MAY 27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----											
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
1A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	47	90	87	0	90	90	93	90	80	100	100	100
1B	LACTOFEN	2.00 E	0.150 lb/ac	EP												
1C	CLETHODIM	2.00 EC	0.094 lb/ac	EP												
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP												
2A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	57	90	83	0	90	83	93	90	80	93	100	100
2B	LACTOFEN	2.00 E	0.100 lb/ac	EP												
2C	CLETHODIM	2.00 EC	0.094 lb/ac	EP												
2D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP												
3A	LACTOFEN	2.00 E	0.200 lb/ac	LLP	23	97	53	0	97	90	100	53	73	100	100	100
3B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP												
3C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP												
4A	BENTAZON	4.00 E	0.750 lb/ac	LLP	0	100	53	0	100	83	100	93	70	67	67	100
4B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP												
4C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP												
5A	ACIFLUORFEN	2.00 L	0.750 lb/ac	LLP	23	100	73	0	100	93	100	77	83	100	93	93
5B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP												
5C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP												
6A	CHLORIMURON	25.00 DF	0.012 lb/ac	LLP	7	93	53	0	93	93	100	80	90	43	97	97
6B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP												
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP												
7A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	LLP	10	87	87	0	90	100	100	90	90	100	100	100
7B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP												
7C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP												
8A	FOMESAFEN	2.00 LC	0.375 lb/ac	LLP	10	100	70	0	100	97	100	70	80	83	93	97
8B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP												
8C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP												
9A	LACTOFEN	2.00 E	0.150 lb/ac	EP	77	93	70	0	93	87	97	67	87	97	100	100
9B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP												
9C	LACTOFEN	2.00 E	0.250 lb/ac	MP												
9D	CLETHODIM	2.00 EC	0.094 lb/ac	MP												
9E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----											
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
10A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	27	100	53	0	100	53	100	83	90	100	87	100
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
10C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
11A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	10	100	87	0	100	97	100	83	83	100	100	100
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
11C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
12A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	100	90	0	100	97	97	93	90	100	100	100
12B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
12D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
12E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
13A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	100	90	0	100	100	100	93	90	100	100	100
13B	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP												
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
13D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
14A	IMAZAQUIN + ACIFLUOR	2.50 AS	0.310 lb/ac	MP	30	97	77	0	97	90	100	90	77	93	97	90
14B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
14C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
15A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	93	77	0	93	83	93	93	80	97	90	97
15B	BENTAZON	4.00 E	0.500 lb/ac	MP												
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
15D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
16A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	37	93	77	0	93	83	97	87	83	83	100	100
16B	CHLORIMURON	25.00 DF	0.006 lb/ac	MP												
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
16D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----											
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
17A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	47	90	77	0	90	90	93	80	87	100	97	97
17B	LACTOFEN	2.00 E	0.094 lb/ac	MP												
17C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP												
17D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
18A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	97	90	0	97	100	100	90	90	100	100	100
18B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
18C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP												
18D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP												
18E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
19A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	90	90	0	90	90	100	90	83	100	93	100
19B	IMAZACUIN	70.00 DG	0.063 lb/ac	MP												
19C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
19D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
19E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
20A	LACTOFEN	2.00 E	0.063 lb/ac	MP	47	87	83	0	87	90	100	90	70	100	93	100
20B	DPX M6316	25.00 DF	0.004 lb/ac	MP												
20C	CLETHODIM	2.00 EC	0.094 lb/ac	MP												
20D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
20E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP												
21A	LACTOFEN	2.00 E	0.094 lb/ac	MP	57	93	83	0	93	90	100	93	77	100	97	100
21B	DPX M6316	25.00 DF	0.004 lb/ac	MP												
21C	CLETHODIM	2.00 EC	0.094 lb/ac	MP												
21D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
21E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP												
22A	LACTOFEN	2.00 E	0.063 lb/ac	MP	60	90	80	0	90	87	100	97	70	90	90	100
22B	DPX M6316	25.00 DF	0.004 lb/ac	MP												
22C	CLETHODIM	2.00 EC	0.125 lb/ac	MP												
22D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
22E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----											
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
23A	LACTOFEN	2.00 E	0.094 lb/ac	MP	60	90	87	0	90	93	100	93	80	100	97	97
23B	DPX M6316	25.00 DF	0.004 lb/ac	MP												
23C	CLETHODIM	2.00 EC	0.125 lb/ac	MP												
23D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
23E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP												
24A	LACTOFEN	2.00 E	0.063 lb/ac	MP	50	97	83	0	97	93	97	93	77	97	97	97
24B	DPX M6316	25.00 DF	0.004 lb/ac	MP												
24C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
24D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP												
24E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
24F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
25A	LACTOFEN	2.00 E	0.094 lb/ac	MP	47	90	83	0	90	90	93	90	73	100	93	100
25B	DPX M6316	25.00 DF	0.004 lb/ac	MP												
25C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
25D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP												
25E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D												
25F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
26	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		11	6	9	NS	6	8	5	11	12	12	10	5

101

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 27
 LLP JUNE 3
 +7D JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
1A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	0	90	87	93	80	77	100	100	93
1B	LACTOFEN	2.00 E	0.150 lb/ac	EP									
1C	CLETHODIM	2.00 EC	0.094 lb/ac	EP									
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP									
2A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	0	90	80	93	90	80	93	100	100
2B	LACTOFEN	2.00 E	0.100 lb/ac	EP									
2C	CLETHODIM	2.00 EC	0.094 lb/ac	EP									
2D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP									
3A	LACTOFEN	2.00 E	0.200 lb/ac	LLP	0	93	90	100	33	70	100	100	100
3B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP									
3C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP									
4A	BENTAZON	4.00 E	0.750 lb/ac	LLP	0	100	83	100	93	70	67	67	100
4B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP									
4C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP									
5A	ACIFLUORFEN	2.00 L	0.750 lb/ac	LLP	0	100	83	100	73	80	100	93	93
5B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP									
5C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP									
6A	CHLORIMURON	25.00 DF	0.012 lb/ac	LLP	0	93	90	100	80	87	33	100	83
6B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP									
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP									
7A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	LLP	0	87	97	100	90	87	100	100	97
7B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP									
7C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP									
8A	FOMESAFEN	2.00 LC	0.375 lb/ac	LLP	0	100	90	100	70	77	80	97	97
8B	CLETHODIM	2.00 EC	0.125 lb/ac	LLP									
8C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP									
9A	LACTOFEN	2.00 E	0.150 lb/ac	EP	0	93	83	93	40	87	97	100	100
9B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP									
9C	LACTOFEN	2.00 E	0.250 lb/ac	MP									
9D	CLETHODIM	2.00 EC	0.094 lb/ac	MP									
9E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
10A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	100	43	97	83	83	100	90	100
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
10C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
11A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	100	93	100	80	83	100	100	100
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
11C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
12A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	97	90	97	93	87	100	100	100
12B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
12D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
12E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
13A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	100	100	100	90	90	100	100	100
13B	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP									
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
13D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
14A	IMAZAQUIN + ACIFLUOR	2.50 AS	0.310 lb/ac	MP	0	97	87	100	83	77	90	97	87
14B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
14C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
15A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	93	77	93	93	80	97	90	97
15B	BENTAZON	4.00 E	0.500 lb/ac	MP									
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
15D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
16A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	90	83	97	80	83	83	97	87
16B	CHLORIMURON	25.00 DF	0.006 lb/ac	MP									
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
16D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
17A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	90	87	90	70	87	100	93	97
17B	LACTOFEN	2.00 E	0.094 lb/ac	MP									
17C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
17D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
18A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	97	93	100	90	90	100	100	100
18B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
18C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
18D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
18E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
19A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	0	90	90	97	87	80	100	97	97
19B	IMAZAQUIN	70.00 DG	0.063 lb/ac	MP									
19C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
19D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
19E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
20A	LACTOFEN	2.00 E	0.063 lb/ac	MP	0	83	83	100	90	70	100	97	100
20B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
20C	CLETHODIM	2.00 EC	0.094 lb/ac	MP									
20D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
20E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP									
21A	LACTOFEN	2.00 E	0.094 lb/ac	MP	0	90	90	100	90	77	100	100	100
21B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
21C	CLETHODIM	2.00 EC	0.094 lb/ac	MP									
21D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
21E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP									
22A	LACTOFEN	2.00 E	0.063 lb/ac	MP	0	90	80	100	97	70	100	100	100
22B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
22C	CLETHODIM	2.00 EC	0.125 lb/ac	MP									
22D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
22E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
23A	LACTOFEN	2.00 E	0.094 lb/ac	MP	0	90	90	97	90	77	100	97	97
23B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
23C	CLETHODIM	2.00 EC	0.125 lb/ac	MP									
23D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
23E	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP									
24A	LACTOFEN	2.00 E	0.063 lb/ac	MP	0	93	87	97	90	77	97	97	97
24B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
24C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
24D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP									
24E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
24F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
25A	LACTOFEN	2.00 E	0.094 lb/ac	MP	0	90	90	93	90	67	100	97	100
25B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
25C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
25D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP									
25E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
25F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
26	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		NS	6	13	6	17	12	12	9	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 LLP JUNE 3
 +7D JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----												
					CRIN	GGGG	BBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH	
1A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	30	87	83	0	87	90	100	83	87	100	100	87	
1B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP													
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP													
2A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	27	90	90	0	90	97	100	90	90	100	100	100	
2B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP													
2C	CHLORIMURON	25.00 DF	0.030 lb/ac	MP													
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
3A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	40	100	90	0	100	93	100	100	90	100	100	100	
3B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP													
3C	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP													
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP													
3E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP													
4A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	33	83	90	0	83	90	93	100	90	100	100	97	
4B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP													
4C	DPX M6316	25.00 DF	0.015 lb/ac	MP													
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
5A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP	10	93	80	0	93	90	100	83	90	93	93	97	
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP													
5C	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D													
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D													
6A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP	10	97	77	0	97	90	100	77	90	93	93	93	
6B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP													
6C	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D													
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D													
7A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP	30	93	80	0	93	90	97	87	87	97	93	97	
7B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP													
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP													
8A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP	30	93	77	0	93	90	100	80	87	97	93	93	
8B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP													
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP													
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	10	90	90	0	90	97	100	93	90	100	100	100	
9B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
9C	SUN-IT II	0.00 AD	0.750 qt/ac	MP													

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----												
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH	
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	10	90	87	0	93	97	100	90	90	100	100	100	
10B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
10C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
11A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	33	80	90	0	87	100	100	97	90	100	100	100	
11B	LACTOFEN	2.00 E	0.063 lb/ac	MP													
11C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	37	83	90	0	83	100	100	93	90	100	100	100	
12B	LACTOFEN	2.00 E	0.094 lb/ac	MP													
12C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
13A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	30	87	90	0	87	93	100	90	90	100	100	100	
13B	LACTOFEN	2.00 E	0.063 lb/ac	MP													
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
13D	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	37	90	90	0	90	93	100	90	90	100	100	97	
14B	LACTOFEN	2.00 E	0.063 lb/ac	MP													
14C	CLETHODIM	2.00 EC	0.063 lb/ac	MP													
14D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
14E	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	13	93	90	0	97	97	100	90	90	100	100	100	
15B	IMAZAQUIN	70.00 DG	0.024 lb/ac	MP													
15C	CLETHODIM	2.00 EC	0.063 lb/ac	MP													
15D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
15E	SUN-IT II	0.00 AD	0.700 qt/ac	MP													
16A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	37	93	90	0	93	97	100	90	90	100	100	100	
16B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
16C	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
16D	LACTOFEN	2.00 E	0.063 lb/ac	LP													
16E	OIL CONCENTRATE	0.00 AD	0.750 qt/ac	LP													

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----											
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPCHE	SOLPT	AMACH	ABUTH
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	37	90	90	0	90	97	100	93	90	100	100	100
17B	LACTOFEN	2.00 E	0.063 lb/ac	MP												
17C	CLETHODIM	2.00 EC	0.063 lb/ac	MP												
17D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
17E	OIL CONCENTRATE	0.00 AD	0.750 qt/ac	MP												
18A	QUIZALOFOP	0.80 E	0.040 lb/ac	MP	23	83	67	0	90	93	100	83	90	70	100	100
18B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP												
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
19A	QUIZALOFOP	0.80 E	0.040 lb/ac	MP	23	87	53	0	87	90	100	100	87	53	100	100
19B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP												
19C	DPX M6316	25.00 DF	0.004 lb/ac	MP												
19D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
20A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	17	90	90	0	90	93	100	90	90	100	100	100
20B	SETHOXYDIM 2	1.00 E	0.125 lb/ac	MP												
20C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
20D	DASH	0.00 AD	0.500 qt/ac	MP												
21A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	17	80	87	0	80	90	90	97	80	100	97	100
21B	BENTAZON	4.00 E	1.000 lb/ac	MP												
21C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
21D	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
22A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	33	80	83	0	80	87	100	90	87	100	100	97
22B	BENTAZON	4.00 E	0.750 lb/ac	MP												
22C	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP												
22D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
23A	BENTAZON	4.00 E	0.750 lb/ac	MP	10	100	60	0	100	90	100	90	87	67	70	100
23B	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
23C	DASH	0.00 AD	1.000 qt/ac	MP												
23D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D												
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
24A	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP	27	93	73	0	93	90	100	87	87	93	80	97
24B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP												
24C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D												
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	7 DAY -----4 WEEKS AFTER APPLIED-----												
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH	
25A	BENTAZON+ACIFLUOR. 2	3.67 E	0.750 lb/ac	MP	27	97	77	0	97	83	93	83	83	90	90	100	
25B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP													
25C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D													
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D													
26A	BENTAZON	4.00 E	0.750 lb/ac	MP	13	97	60	0	97	87	97	93	90	60	100	100	
26B	DPX M6316	25.00 DF	0.002 lb/ac	MP													
26C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP													
26D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
26E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D													
26F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D													
27A	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP	33	100	53	0	100	53	100	90	87	100	100	97	
27B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
27C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D													
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D													
28A	ACIFLUORFEN	2.00 L	0.125 lb/ac	MP	33	97	73	0	97	73	93	93	83	90	100	97	
28B	DPX M6316	25.00 DF	0.002 lb/ac	MP													
28C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP													
28D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP													
28E	SETHOXYDIM 2	1.00 E	0.125 lb/ac	+7D													
28F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D													
29A	ACIFLUORFEN	2.00 L	0.125 lb/ac	MP	30	93	90	0	93	93	100	93	87	100	100	100	
29B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP													
29C	DASH	0.00 AD	0.500 qt/ac	MP													
29D	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
29E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D													
29F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D													
30	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0	
LSD(.05) :					9	10	8	NS	9	9	4	10	6	7	8	5	

109

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 +3D MAY 29
 +7D JUNE 1
 LP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
1A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	87	87	100	77	80	100	100	80
1B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
2A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	87	97	100	87	90	100	100	100
2B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
2C	CHLORIMURON	25.00 DF	0.030 lb/ac	MP									
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
3A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	100	93	100	97	90	100	100	100
3B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
3C	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP									
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
3E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
4A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	80	83	87	100	87	100	100	97
4B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
4C	DPX M6316	25.00 DF	0.015 lb/ac	MP									
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
5A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP	0	93	87	100	77	93	93	93	93
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
5C	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D									
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D									
6A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP	0	97	87	100	77	87	90	93	93
6B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
6C	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D									
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D									
7A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP	0	90	83	97	87	83	97	93	97
7B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
8A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP	0	90	87	100	77	80	97	93	93
8B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	90	90	100	93	87	100	100	100
9B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
9C	SUN-IT II	0.00 AD	0.750 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	90	97	100	87	90	100	100	100
10B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
10C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
11A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	77	93	100	90	90	100	100	100
11B	LACTOFEN	2.00 E	0.063 lb/ac	MP									
11C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	77	97	100	90	83	100	100	100
12B	LACTOFEN	2.00 E	0.094 lb/ac	MP									
12C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
13A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	87	93	100	90	90	100	100	100
13B	LACTOFEN	2.00 E	0.063 lb/ac	MP									
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
13D	SUN-1T II	0.00 AD	0.750 qt/ac	MP									
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	87	93	100	90	87	100	100	97
14B	LACTOFEN	2.00 E	0.063 lb/ac	MP									
14C	CLETHODIM	2.00 EC	0.063 lb/ac	MP									
14D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
14E	SUN-1T II	0.00 AD	0.750 qt/ac	MP									
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	93	97	100	90	87	100	100	100
15B	IMAZAQUIN	70.00 DG	0.024 lb/ac	MP									
15C	CLETHODIM	2.00 EC	0.063 lb/ac	MP									
15D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
15E	SUN-1T II	0.00 AD	0.700 qt/ac	MP									
16A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	90	93	100	90	90	100	100	100
16B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
16C	SUN-1T II	0.00 AD	0.750 qt/ac	MP									
16D	LACTOFEN	2.00 E	0.063 lb/ac	LP									
16E	OIL CONCENTRATE	0.00 AD	0.750 qt/ac	LP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	DATSI	CHEAL	IPOHE	SOLPT	AMACH	ABUTH
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	87	93	100	93	87	100	100	100
17B	LACTOFEN	2.00 E	0.063 lb/ac	MP									
17C	CLETHODIM	2.00 EC	0.063 lb/ac	MP									
17D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
17E	OIL CONCENTRATE	0.00 AD	0.750 qt/ac	MP									
18A	QUIZALOFOP	0.80 E	0.040 lb/ac	MP	0	90	93	100	80	90	63	97	100
18B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP									
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
19A	QUIZALOFOP	0.80 E	0.040 lb/ac	MP	0	90	90	100	100	87	40	97	100
19B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP									
19C	DPX M6316	25.00 DF	0.004 lb/ac	MP									
19D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
20A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	90	93	100	90	90	100	100	100
20B	SETHOXYDIM 2	1.00 E	0.125 lb/ac	MP									
20C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
20D	DASH	0.00 AD	0.500 qt/ac	MP									
21A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	70	87	90	97	73	100	97	100
21B	BENTAZON	4.00 E	1.000 lb/ac	MP									
21C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
21D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
22A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	70	83	100	90	83	100	100	93
22B	BENTAZON	4.00 E	0.750 lb/ac	MP									
22C	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP									
22D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
23A	BENTAZON	4.00 E	0.750 lb/ac	MP	0	93	87	100	90	80	67	67	97
23B	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
23C	DASH	0.00 AD	1.000 qt/ac	MP									
23D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D									
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
24A	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP	0	93	83	100	87	83	97	90	97
24B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
24C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D									
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----									
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT	AMACH	ABUTH	
25A	BENTAZON+ACIFLUOR. 2	3.67 E	0.750 lb/ac	MP	0	97	73	93	80	83	90	80	100	
25B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP										
25C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D										
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
26A	BENTAZON	4.00 E	0.750 lb/ac	MP	0	97	77	93	93	87	47	100	100	
26B	DPX M6316	25.00 DF	0.002 lb/ac	MP										
26C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP										
26D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
26E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D										
26F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
27A	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP	0	97	33	100	90	80	100	100	93	
27B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
27C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D										
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
28A	ACIFLUORFEN	2.00 L	0.125 lb/ac	MP	0	97	57	93	90	80	90	100	97	
28B	DPX M6316	25.00 DF	0.002 lb/ac	MP										
28C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP										
28D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
28E	SETHOXYDIM 2	1.00 E	0.125 lb/ac	+7D										
28F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
29A	ACIFLUORFEN	2.00 L	0.125 lb/ac	MP	0	93	90	100	90	80	100	100	100	
29B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP										
29C	DASH	0.00 AD	0.500 qt/ac	MP										
29D	SUN-IT II	0.00 AD	0.750 qt/ac	MP										
29E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D										
29F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
30	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	
LSD(.05) :					NS	11	13	5	11	10	11	9	6	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 +3D MAY 29
 +7D JUNE 1
 LP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----7 DAYS AFTER APPLIED-----								
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	0	100	93	0	100	93	100	90	87
1B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
1C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
2A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	0	93	90	3	93	90	100	90	93
2B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
2C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
3A	DPX M6316	25.00 DF	0.039 lb/ac	MP	10	90	100	10	90	100	100	97	93
3B	CHLORIMURON	25.00 DF	0.039 lb/ac	MP									
3C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
3D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
3E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
3F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
4A	DPX M6316	25.00 DF	0.039 lb/ac	MP	10	90	90	10	90	100	100	97	83
4B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP									
4C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
4E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
4F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
5A	DPX M6316	25.00 DF	0.039 lb/ac	MP	10	90	93	10	90	100	100	93	90
5B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP									
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
5E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
5F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
6A	DPX M6316	25.00 DF	0.008 lb/ac	MP	10	90	93	10	90	100	100	93	77
6B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP									
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
6D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
6E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
6F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----7 DAYS AFTER APPLIED-----								
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
7A	DPX M6316	25.00 DF	0.008 lb/ac	MP	10	90	90	10	90	100	100	97	83
7B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP									
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
7D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
7E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
7F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
8A	DPX M6316	25.00 DF	0.008 lb/ac	MP	10	90	93	10	90	100	100	93	90
8B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP									
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
8D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
8E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
8F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	13	100	90	10	100	100	90	90	97
9B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
9C	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
9D	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D									
9E	SUN-IT II	0.00 AD	1.000 qt/ac	+7D									
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		3	3	6	3	3	3	NS	7	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : STS SOYBEANS

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 +7D JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	100	90	0	100	90	100	100	87
1B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
1C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
2A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	100	83	0	100	83	100	80	93
2B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
2C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
3A	DPX M6316	25.00 DF	0.039 lb/ac	MP	100	100	0	100	100	100	100	100
3B	CHLORIMURON	25.00 DF	0.039 lb/ac	MP								
3C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
3D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
3E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
3F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
4A	DPX M6316	25.00 DF	0.039 lb/ac	MP	100	90	0	100	100	100	100	80
4B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP								
4C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
4E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
4F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
5A	DPX M6316	25.00 DF	0.039 lb/ac	MP	100	90	0	100	100	100	100	90
5B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP								
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
5E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
5F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
6A	DPX M6316	25.00 DF	0.008 lb/ac	MP	100	93	0	100	100	100	100	80
6B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP								
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
6D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
6E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
6F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
7A	DPX M6316	25.00 DF	0.008 lb/ac	MP	100	90	0	100	100	100	100	73
7B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP								
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
7D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
7E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
7F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
8A	DPX M6316	25.00 DF	0.008 lb/ac	MP	100	93	0	100	100	100	100	90
8B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP								
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
8D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
8E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
8F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	97	0	100	100	100	97	100
9B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
9C	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
9D	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
9E	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0
			LSD(.05) :		NS	6	NS	NS	3	NS	9	7

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 +7D JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	100	67	0	100	87	100	97	57
1B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
1C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
2A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	100	43	0	100	40	100	73	90
2B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
2C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
3A	DPX M6316	25.00 DF	0.039 lb/ac	MP	100	90	0	100	97	100	100	90
3B	CHLORIMURON	25.00 DF	0.039 lb/ac	MP								
3C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
3D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
3E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
3F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
4A	DPX M6316	25.00 DF	0.039 lb/ac	MP	100	67	0	100	100	100	93	20
4B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP								
4C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
4E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
4F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
5A	DPX M6316	25.00 DF	0.039 lb/ac	MP	100	77	0	100	100	100	97	63
5B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP								
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
5E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
5F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
6A	DPX M6316	25.00 DF	0.008 lb/ac	MP	100	73	0	100	100	100	93	27
6B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP								
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
6D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
6E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
6F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
7A	DPX M6316	25.00 DF	0.008 lb/ac	MP	100	67	0	100	100	100	93	33
7B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP								
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
7D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
7E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
7F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
8A	DPX M6316	25.00 DF	0.008 lb/ac	MP	100	83	0	100	97	100	93	73
8B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP								
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
8D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
8E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
8F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	97	0	100	100	100	97	100
9B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
9C	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
9D	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D								
9E	SUN-IT II	0.00 AD	1.000 qt/ac	+7D								
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0
LSD(.05) :					NS	23	NS	NS	20	NS	10	21

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 +7D JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	0	100	47	100	67	43
1B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
1C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
2A	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	0	100	27	100	53	80
2B	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
2C	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
3A	DPX M6316	25.00 DF	0.039 lb/ac	MP	0	100	93	100	93	70
3B	CHLORIMURON	25.00 DF	0.039 lb/ac	MP						
3C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
3D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
3E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
3F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
4A	DPX M6316	25.00 DF	0.039 lb/ac	MP	0	100	93	100	90	3
4B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP						
4C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
4E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
4F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
5A	DPX M6316	25.00 DF	0.039 lb/ac	MP	0	100	93	100	93	0
5B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP						
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
5E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
5F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
6A	DPX M6316	25.00 DF	0.008 lb/ac	MP	0	100	90	97	83	0
6B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP						
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
6D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
6E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
6F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3023 SOYBEAN POSTEMERGENCE III STS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
7A	DPX M6316	25.00 DF	0.008 lb/ac	MP	0	100	90	100	70	0
7B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP						
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
7D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
7E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
7F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
8A	DPX M6316	25.00 DF	0.008 lb/ac	MP	0	100	93	100	77	27
8B	CHLORIMURON	25.00 DF	0.012 lb/ac	MP						
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
8D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
8E	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
8F	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	100	93	93	90	100
9B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
9C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
9D	QUIZALOFOP	0.80 E	0.050 lb/ac	+7D						
9E	SUN-IT II	0.00 AD	1.000 qt/ac	+7D						
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0
				LSD(.05) :	NS	NS	28	4	25	15

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.50 %
 DATE TREATED : PRE MAY 6
 MP MAY 26
 +7D JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3025 SOYBEAN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		--1 WEEK---		--4 WEEK---		--8 WEEK---	
					CRIN	CRIN	SETFA	CRIN	SETFA	CRIN	SETFA	
1A	CLETHODIM	2.00 EC	0.063 lb/ac	8"	7	7	73	0	100	0	97	
1B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	8"								
2A	CLETHODIM	2.00 EC	0.078 lb/ac	8"	3	3	73	0	100	0	93	
2B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	8"								
3A	CLETHODIM	2.00 EC	0.094 lb/ac	8"	0	0	67	0	100	0	100	
3B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	8"								
4A	CLETHODIM	2.00 EC	0.125 lb/ac	8"	0	0	77	0	100	0	100	
4B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	8"								
5A	CLETHODIM	2.00 EC	0.063 lb/ac	8"	37	37	60	13	67	0	67	
5B	LACTOFEN	2.00 E	0.150 lb/ac	8"								
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
5D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	8"								
6A	CLETHODIM	2.00 EC	0.078 lb/ac	8"	57	57	83	20	100	0	93	
6B	LACTOFEN	2.00 E	0.150 lb/ac	8"								
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
6D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	8"								
7A	CLETHODIM	2.00 EC	0.063 lb/ac	8"	50	50	90	17	83	0	73	
7B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	8"								
7C	LACTOFEN	2.00 E	0.063 lb/ac	8"								
7D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
7E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	8"								
8A	CLETHODIM	2.00 EC	0.094 lb/ac	8"	53	53	90	20	80	0	70	
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	8"								
8C	LACTOFEN	2.00 E	0.063 lb/ac	8"								
8D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
8E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	8"								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3025 SOYBEAN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		--1 WEEK---		--4 WEEK---		--8 WEEK---	
					CRIN	CRIN	SETFA	CRIN	SETFA	CRIN	SETFA	
9A	CLETHODIM	2.00 EC	0.125 lb/ac	8"	57	57	90	23	90	0	87	
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	8"								
9C	LACTOFEN	2.00 E	0.063 lb/ac	8"								
9D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
9E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	8"								
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	8"	60	40	90	23	90	0	87	
10B	LACTOFEN	2.00 E	0.063 lb/ac	8"								
10C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	8"								
10D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	8"								
10E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D								
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
11A	CLETHODIM	2.00 EC	0.094 lb/ac	8"	60	60	77	27	100	0	100	
11B	DPX M6316	25.00 DF	0.004 lb/ac	8"								
11C	LACTOFEN	2.00 E	0.063 lb/ac	8"								
11D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8"								
11E	X-77 (SURFACTANT)	0.50 WA	0.125 %	8"								
12A	CLETHODIM	2.00 EC	0.094 lb/ac	8"	63	63	77	23	100	0	93	
12B	DPX M6316	25.00 DF	0.004 lb/ac	8"								
12C	LACTOFEN	2.00 E	0.094 lb/ac	8"								
12D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8"								
12E	X-77 (SURFACTANT)	0.50 WA	0.125 %	8"								
13A	CLETHODIM	2.00 EC	0.125 lb/ac	8"	63	63	83	27	100	0	97	
13B	DPX M6316	25.00 DF	0.004 lb/ac	8"								
13C	LACTOFEN	2.00 E	0.063 lb/ac	8"								
13D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8"								
13E	X-77 (SURFACTANT)	0.50 WA	0.125 %	8"								
14A	CLETHODIM	2.00 EC	0.125 lb/ac	8"	63	63	87	30	100	0	93	
14B	DPX M6316	25.00 DF	0.004 lb/ac	8"								
14C	LACTOFEN	2.00 E	0.094 lb/ac	8"								
14D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8"								
14E	X-77 (SURFACTANT)	0.50 WA	0.125 %	8"								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3025 SOYBEAN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		--1 WEEK---		--4 WEEK---		--8 WEEK---	
					CRIN	CRIN	SETFA	CRIN	SETFA	CRIN	SETFA	
15A	LACTOFEN	2.00 E	0.063 lb/ac	8"	57	37	100	27	100	0	97	
15B	DPX M6316	25.00 DF	0.004 lb/ac	8"								
15C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8"								
15D	X-77 (SURFACTANT)	0.50 WA	0.125 %	8"								
15E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D								
15F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
16A	LACTOFEN	2.00 E	0.094 lb/ac	8"	60	33	100	23	100	0	100	
16B	DPX M6316	25.00 DF	0.004 lb/ac	8"								
16C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8"								
16D	X-77 (SURFACTANT)	0.50 WA	0.125 %	8"								
16E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D								
16F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
LSD(.05) :					16	16	NS	12	NS	NS	NS	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.40 %
 DATE TREATED : 8" MAY 28
 +7D JUNE 4

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3033 SOYBEAN POSTEMERGENCE (VOLUNTEER CORN)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		--4 WEEKS--		--8 WEEKS--	
					CRIN	CRIN	ZEAMY	CRIN	ZEAMY	
1A	CLETHODIM	2.00 EC	0.063 lb/ac	10"	0	0	100	0	100	
1B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
1C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
2A	CLETHODIM	2.00 EC	0.078 lb/ac	10"	0	0	100	0	100	
2B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
2C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
3A	CLETHODIM	2.00 EC	0.094 lb/ac	10"	0	0	100	0	100	
3B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
3C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
4A	CLETHODIM	2.00 EC	0.063 lb/ac	10"	27	13	93	0	93	
4B	LACTOFEN	2.00 E	0.150 lb/ac	10"						
4C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
4D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
5A	CLETHODIM	2.00 EC	0.078 lb/ac	10"	33	20	97	0	97	
5B	LACTOFEN	2.00 E	0.150 lb/ac	10"						
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
5D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
6A	CLETHODIM	2.00 EC	0.094 lb/ac	10"	23	17	100	0	97	
6B	LACTOFEN	2.00 E	0.150 lb/ac	10"						
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
6D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
7A	CLETHODIM	2.00 EC	0.063 lb/ac	10"	20	0	83	0	63	
7B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	10"						
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
7D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
8A	CLETHODIM	2.00 EC	0.078 lb/ac	10"	20	0	90	0	73	
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	10"						
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
8D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						
9A	CLETHODIM	2.00 EC	0.094 lb/ac	10"	20	3	90	0	90	
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	10"						
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"						
9D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3033 SOYBEAN POSTEMERGENCE (VOLUNTEER CORN)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY --4 WEEKS-- --8 WEEKS--				
					CRIN	CRIN	ZEAMY	CRIN	ZEAMY
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	10"	20	0	17	0	3
10B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"					
10C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"					
11A	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	10"	0	0	100	0	100
11B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"					
11C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"					
12A	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	10"	40	20	100	0	100
12B	LACTOFEN	2.00 E	0.150 lb/ac	10"					
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"					
12D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"					
LSD(.05) :					5	4	11	NS	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.40 %
 DATE TREATED : 10" JUNE 1

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----10 DAY-----					
					GGGGG	BBBBB	CRIN	ABUTH	CHEAL	IPOHE
1A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	37	100	37	100	100	100
1B	LACTOFEN	2.00 E	0.150 lb/ac	EP						
1C	CLETHODIM	2.00 EC	0.094 lb/ac	EP						
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP						
2A	LACTOFEN	2.00 E	0.150 lb/ac	EP	0	0	0	0	0	0
2B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP						
2C	LACTOFEN	2.00 E	0.250 lb/ac	LP						
2D	CLETHODIM	2.00 EC	0.094 lb/ac	LP						
2E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LP						
3A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	33	100	33	100	100	100
3B	LACTOFEN	2.00 E	0.100 lb/ac	EP						
3C	CLETHODIM	2.00 EC	0.094 lb/ac	EP						
3D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP						
4A	LACTOFEN	2.00 E	0.063 lb/ac	MP	37	90	23	100	90	93
4B	BENTAZON	4.00 E	0.500 lb/ac	MP						
4C	CLETHODIM	2.00 EC	0.125 lb/ac	MP						
4D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
5A	LACTOFEN	2.00 E	0.094 lb/ac	MP	40	100	33	100	93	97
5B	BENTAZON	4.00 E	0.500 lb/ac	MP						
5C	CLETHODIM	2.00 EC	0.125 lb/ac	MP						
5D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
6A	BENTAZON	4.00 E	0.500 lb/ac	MP	13	90	7	100	90	87
6B	CLETHODIM	2.00 EC	0.125 lb/ac	MP						
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
7A	BENTAZON	4.00 E	1.000 lb/ac	MP	20	100	7	100	97	97
7B	CLETHODIM	2.00 EC	0.125 lb/ac	MP						
7C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
8A	LACTOFEN	2.00 E	0.063 lb/ac	MP	33	90	23	100	90	100
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
8D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		10 DAY			
					GGGGG	BBBBB	CRIN	ABUTH	CHEAL	IPOHE
9A	LACTOFEN	2.00 E	0.094 lb/ac	MP	37	90	20	100	90	100
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
9D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	20	93	10	100	90	100
10B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
10C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
11A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	27	90	10	100	87	97
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
11C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	23	90	10	100	93	67
12B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
12C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
13A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	93	17	100	93	97
13B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
13D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
14A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	33	97	37	100	97	100
14B	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP						
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
14D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
15A	IMAZAQUIN + ACIFLUOR	2.50 AS	0.310 lb/ac	MP	30	87	10	90	90	100
15B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						
15C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
15D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
16A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	33	93	20	100	90	100
16B	BENTAZON	4.00 E	0.500 lb/ac	MP						
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
16D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		10 DAY			
					GGGGG	BBBBB	CRIN	ABUTH	CHEAL	IPOHE
17A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	90	17	100	90	100
17B	CHLORIMURON	25.00 DF	0.006 lb/ac	MP						
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
17D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
18A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	37	87	13	100	83	97
18B	LACTOFEN	2.00 E	0.094 lb/ac	MP						
18C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
18D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
19A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	30	93	43	100	90	100
19B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
19C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
19D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
19E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
20A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	27	90	7	100	87	97
20B	IMAZAQUIN	70.00 DG	0.063 lb/ac	MP						
20C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
20D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D						
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
21	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	0	0	0	0	0
22	DE-498 + METALACHLOR	7.67 EC	2.100 lb/ac	PRE	0	0	0	0	0	0
23	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	0	0	0	0	0	0
24	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PPI	0	0	0	0	0	0
25	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	0	0	0	0	0
26	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	0	0	0	0	0	0

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY		10 DAY			
					GGGGG	BBBBB	CRIN	ABUTH	CHEAL	IPOHE
27A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	30	97	20	100	100	97
27B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP						
27C	LACTOFEN	2.00 E	0.063 lb/ac	MP						
27D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
27E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP						
28	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0
LSD(.05) :					7	10	5	17	6	16

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : 5/6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 C.M. : 3.40 %
 DATE TREATED : PRE 5/6
 PPI 5/6
 EP MAY 25
 MP JUNE 1
 +7D JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				-8 WEEKS AFTER APPLIED-				
					BBBBB	CRIN	ABUTH	CHEAL	IPOHE	CRIN	ABUTH	CHEAL	IPOHE
1A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	93	17	90	97	97	0	90	97	97
1B	LACTOFEN	2.00 E	0.150 lb/ac	EP									
1C	CLETHODIM	2.00 EC	0.094 lb/ac	EP									
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP									
2A	LACTOFEN	2.00 E	0.150 lb/ac	EP	80	17	90	83	97	0	80	57	97
2B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP									
2C	LACTOFEN	2.00 E	0.250 lb/ac	LP									
2D	CLETHODIM	2.00 EC	0.094 lb/ac	LP									
2E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LP									
3A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	90	17	93	100	93	3	77	93	87
3B	LACTOFEN	2.00 E	0.100 lb/ac	EP									
3C	CLETHODIM	2.00 EC	0.094 lb/ac	EP									
3D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP									
4A	LACTOFEN	2.00 E	0.063 lb/ac	MP	67	13	93	67	77	0	90	40	77
4B	BENTAZON	4.00 E	0.500 lb/ac	MP									
4C	CLETHODIM	2.00 EC	0.125 lb/ac	MP									
4D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
5A	LACTOFEN	2.00 E	0.094 lb/ac	MP	83	17	90	87	83	0	87	73	80
5B	BENTAZON	4.00 E	0.500 lb/ac	MP									
5C	CLETHODIM	2.00 EC	0.125 lb/ac	MP									
5D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
6A	BENTAZON	4.00 E	0.500 lb/ac	MP	63	3	90	63	83	0	90	57	83
6B	CLETHODIM	2.00 EC	0.125 lb/ac	MP									
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
7A	BENTAZON	4.00 E	1.000 lb/ac	MP	90	3	93	90	90	0	90	87	90
7B	CLETHODIM	2.00 EC	0.125 lb/ac	MP									
7C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
8A	LACTOFEN	2.00 E	0.063 lb/ac	MP	77	17	100	73	100	0	100	67	93
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
8D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----					-8 WEEKS AFTER APPLIED-			
					BBBBB	CRIN	ABUTH	CHEAL	IPOHE	CRIN	ABUTH	CHEAL	IPOHE
9A	LACTOFEN	2.00 E	0.094 lb/ac	MP	83	17	100	77	90	0	100	70	83
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
9D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	90	3	100	87	100	0	100	80	100
10B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
10C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
11A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	60	3	100	53	90	0	100	23	77
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
11C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	87	7	100	87	93	0	100	73	93
12B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
12C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
13A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	87	7	100	87	97	0	100	67	90
13B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
13D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
14A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	90	23	100	87	100	0	100	80	97
14B	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP									
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
14D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
15A	IMAZAQUIN + ACIFLUOR	2.50 AS	0.310 lb/ac	MP	63	7	83	70	100	0	67	40	87
15B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
15C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
15D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
16A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	83	10	93	83	97	0	93	53	93
16B	BENTAZON	4.00 E	0.500 lb/ac	MP									
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
16D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----					-8 WEEKS AFTER APPLIED-			
					BBBBB	CRIN	ABUTH	CHEAL	IPOHE	CRIN	ABUTH	CHEAL	IPOHE
17A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	80	7	100	77	100	0	100	53	100
17B	CHLORIMURON	25.00 DF	0.006 lb/ac	MP									
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
17D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
18A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	50	10	100	43	83	0	97	3	70
18B	LACTOFEN	2.00 E	0.094 lb/ac	MP									
18C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
18D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
19A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	90	23	100	87	100	0	100	73	97
19B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
19C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
19D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
19E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
20A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	77	3	100	67	90	0	90	57	87
20B	IMAZAQUIN	70.00 DG	0.063 lb/ac	MP									
20C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
20D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D									
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
21	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	97	0	100	97	90	0	87	90	83
22	DE-498 + METALACHLOR	7.67 EC	2.100 lb/ac	PRE	93	0	93	97	93	0	87	87	80
23	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	90	0	90	93	93	0	77	90	90
24	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	PPI	90	0	90	93	90	0	77	90	90
25	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	97	0	100	100	93	0	100	100	87
26	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	97	0	100	97	93	0	90	90	87

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				-8 WEEKS AFTER APPLIED-				
					BBBBB	CRIN	ABUTH	CHEAL	IPOHE	CRIN	ABUTH	CHEAL	IPOHE
27A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	87	10	100	100	80	0	100	100	73
27B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP									
27C	LACTOFEN	2.00 E	0.063 lb/ac	MP									
27D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
27E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP									
28	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
LSD(.05) :					11	9	5	15	15	NS	14	21	25

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 6
 PPI MAY 6
 EP MAY 25
 MP JUNE 1
 +7D JUNE 7
 LP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3017 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	MON 13200	2.00 EC	0.125 lb/ac	2WP	80	93	0	80	100	93	100	100	100	100
1B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP										
1C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
1D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
2A	MON 13200	2.00 EC	0.188 lb/ac	2WP	90	90	0	90	93	100	93	100	100	93
2B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP										
2C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
2D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
3A	MON 13200	2.00 EC	0.125 lb/ac	4WP	87	90	0	87	100	97	93	93	90	100
3B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP										
3C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
3D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
4A	MON 13200	2.00 EC	0.188 lb/ac	4WP	90	90	0	90	100	93	90	100	93	93
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP										
4C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
5A	MON 13200	2.00 EC	0.125 lb/ac	2WP	70	90	0	70	100	100	90	100	100	100
5B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP										
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
6A	MON 13200	2.00 EC	0.188 lb/ac	2WP	50	93	0	50	100	100	93	93	100	100
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP										
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
7A	MON 13200	2.00 EC	0.125 lb/ac	4WP	80	90	0	80	100	100	93	100	100	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP										
7C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
8A	MON 13200	2.00 EC	0.188 lb/ac	4WP	70	90	0	70	100	100	90	93	93	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP										
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3017 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
9A	MON 13200	2.00 EC	0.125 lb/ac	2WP	90	90	0	90	93	97	100	100	100	100
9B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP										
9C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
9E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP										
9F	ACTIVATOR 90	0.00 WA	1.000 %	MP										
10A	MON 13200	2.00 EC	0.188 lb/ac	2WP	70	90	0	77	93	100	93	100	93	100
10B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP										
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
10E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP										
10F	ACTIVATOR 90	0.00 WA	1.000 %	MP										
11A	MON 13200	2.00 EC	0.125 lb/ac	4WP	57	90	0	57	97	100	93	100	90	100
11B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP										
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
11E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP										
11F	ACTIVATOR 90	0.00 WA	1.000 %	MP										
12A	MON 13200	2.00 EC	0.188 lb/ac	4WP	73	90	0	73	100	97	93	100	90	100
12B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP										
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
12E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP										
12F	ACTIVATOR 90	0.00 WA	1.000 %	MP										
13A	MON 13200	2.00 EC	0.125 lb/ac	2WP	70	73	0	70	100	100	100	100	50	100
13B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP										
13C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
13D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
14A	MON 13200	2.00 EC	0.188 lb/ac	2WP	80	83	0	80	93	93	93	93	93	93
14B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP										
14C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
14D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3017 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS	
15A	MON 13200	2.00 EC	0.125 lb/ac	4WP	47	83	0	47	83	90	93	100	93	93	
15B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP											
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP											
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
16A	MON 13200	2.00 EC	0.188 lb/ac	4WP	90	90	0	90	93	97	90	100	90	100	
16B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP											
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP											
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
17A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	77	90	0	77	100	100	90	93	93	100	
17B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	4WP											
17C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP											
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP											
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP											
17F	ACTIVATOR 90	0.00 WA	1.000 %	MP											
18A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	47	83	0	47	100	100	87	100	100	100	
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP											
18C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP											
18D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP											
19A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	93	90	0	93	100	100	93	93	93	100	
19B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP											
19C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
19D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
19E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP											
19F	SUN-IT II	0.00 AD	0.750 qt/ac	MP											
20A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	53	93	0	53	97	97	100	97	97	97	
20B	F6285	75.00 DF	0.375 lb/ac	4WP											
20C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP											
20D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
LSD(.05) :					24	9	NS	24	6	NS	7	5	20	4	

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 PRE MAY 14
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3017 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	70	100	93	100	100	100	100
1B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP								
1C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
1D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
2A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	80	90	100	93	100	100	93
2B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP								
2C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
2D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
3A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	87	100	97	93	93	90	100
3B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP								
3C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
3D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
4A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	90	100	93	90	100	93	93
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP								
4C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
5A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	60	100	100	90	100	100	100
5B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP								
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
6A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	37	100	100	93	93	100	100
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP								
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
7A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	73	100	100	93	100	100	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP								
7C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
8A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	67	100	100	90	93	93	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP								
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3017 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
9A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	80	93	93	100	100	100	100
9B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP								
9C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
9E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP								
9F	ACTIVATOR 90	0.00 WA	1.000 %	MP								
10A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	70	93	100	93	100	93	100
10B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP								
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
10E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP								
10F	ACTIVATOR 90	0.00 WA	1.000 %	MP								
11A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	53	93	100	90	100	90	100
11B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP								
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
11E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP								
11F	ACTIVATOR 90	0.00 WA	1.000 %	MP								
12A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	63	100	93	93	100	87	100
12B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP								
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
12E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP								
12F	ACTIVATOR 90	0.00 WA	1.000 %	MP								
13A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	57	100	100	100	100	50	100
13B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP								
13C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
13D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
14A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	70	90	93	93	93	93	93
14B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP								
14C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
14D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3017 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
15A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	40	77	90	93	100	93	93
15B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP								
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
16A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	83	93	93	90	100	83	100
16B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP								
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
17A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	0	70	100	100	90	93	93	100
17B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	4WP								
17C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP								
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
17F	ACTIVATOR 90	0.00 WA	1.000 %	MP								
18A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	0	37	100	100	87	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP								
18C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP								
18D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
19A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	0	80	100	100	93	93	93	100
19B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
19C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
19D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
19E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
19F	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
20A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	0	50	97	93	100	97	97	97
20B	F6285	75.00 DF	0.375 lb/ac	4WP								
20C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
20D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
LSD(.05) :					NS	25	7	7	7	5	20	4

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 PRE MAY 14
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3018 NO-TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	4WP	77	77	0	77	100	90	93	100	93	100
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
2A	DE-498 + METALACHLOR	7.67 EC	4.400 lb/ac	4WP	57	93	0	57	100	100	97	93	100	100
2B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
3A	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP	3	90	0	3	100	97	93	100	100	100
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
4A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	2WP	43	83	0	43	100	87	90	93	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
5A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	2WP	53	90	0	53	93	93	93	100	100	97
5B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
6A	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP	50	83	0	50	93	93	93	100	100	100
6B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
7A	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	87	90	0	87	100	93	90	100	100	100
7B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
7C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
8A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	90	93	0	83	100	93	97	100	100	100
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
9A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	47	87	0	43	100	100	90	100	100	100
9B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
10A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	90	93	0	90	100	93	100	100	100	100
10B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP										
10C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
10E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3018 NO-TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
11A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	90	100	0	90	100	100	100	100	100	100
11B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP										
11C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
11E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
12A	SAN 582H	7.50 EC	0.850 lb/ac	2WP	80	90	0	90	100	100	90	100	100	100
12B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
12C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
12D	SAN 582H	7.50 EC	0.450 lb/ac	PRE										
12E	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
12F	CHLORIMURON	25.00 DF	0.030 lb/ac	MP										
12G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
13A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	93	73	0	93	93	93	73	100	90	100
13B	2,4-D ESTER	6.00 E	0.375 lb/ac	4WP										
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
13D	QUIZALOFOP	0.80 E	0.050 lb/ac	MP										
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
14A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP	90	90	0	90	100	90	93	100	100	100
14B	ALACHLOR	4.00 MT	2.500 lb/ac	2WP										
14C	2,4-D ESTER	6.00 E	0.250 lb/ac	2WP										
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP										
14E	QUIZALOFOP	0.80 E	0.050 lb/ac	MP										
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	30	87	0	30	100	100	87	100	100	100
15B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	43	90	0	43	100	93	93	100	100	100
16B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP										
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3018 NO-TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	33	90	0	33	100	100	90	100	100	100
17B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
17C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP										
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP										
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	50	83	0	50	100	100	83	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP										
18C	2,4-D ESTER	6.00 E	1.000 lb/ac	2WP										
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP										
19A	ETHALFLURALIN	3.00 E	1.120 lb/ac	4WP	60	83	0	60	100	100	83	100	100	100
19B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
19C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP										
19D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP										
20A	ETHALFLURALIN	3.00 E	1.500 lb/ac	4WP	70	90	0	70	100	90	83	100	100	100
20B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
20C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP										
20D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP										
LSD(.05) :					43	8	NS	43	4	6	6	3	2	NS

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3018 NO-TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	4WP	0	67	100	90	93	100	93	100
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
2A	DE-498 + METALACHLOR	7.67 EC	4.400 lb/ac	4WP	0	77	100	100	93	93	100	100
2B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
3A	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP	0	3	100	93	93	100	100	100
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
4A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	2WP	0	40	100	83	90	93	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
5A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	2WP	0	50	93	90	93	100	100	93
5B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
6A	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP	0	50	93	93	93	100	100	100
6B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
7A	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	0	83	100	93	90	100	100	100
7B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
7C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
8A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	80	100	93	93	100	100	100
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
9A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	40	100	100	90	100	100	100
9B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
10A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	0	83	100	93	100	100	100	100
10B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP								
10C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
10E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3018 NO-TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
11A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	0	80	100	100	100	100	100	100
11B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP								
11C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
11E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
12A	SAN 582H	7.50 EC	0.850 lb/ac	2WP	0	83	100	100	90	100	100	100
12B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
12C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
12D	SAN 582H	7.50 EC	0.450 lb/ac	PRE								
12E	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
12F	CHLORIMURON	25.00 DF	0.030 lb/ac	MP								
12G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
13A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	93	93	93	73	100	90	100
13B	2,4-D ESTER	6.00 E	0.375 lb/ac	4WP								
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
13D	QUIZALOFOP	0.80 E	0.050 lb/ac	MP								
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
14A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP	0	90	100	90	93	100	100	100
14B	ALACHLOR	4.00 MT	2.500 lb/ac	2WP								
14C	2,4-D ESTER	6.00 E	0.250 lb/ac	2WP								
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP								
14E	QUIZALOFOP	0.80 E	0.050 lb/ac	MP								
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	30	100	100	87	100	100	100
15B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	37	100	90	93	100	100	100
16B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP								
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3018 NO-TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	43	100	100	90	100	100	100
17B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
17C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP								
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	50	100	100	83	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP								
18C	2,4-D ESTER	6.00 E	1.000 lb/ac	2WP								
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP								
19A	ETHALFLURALIN	3.00 E	1.120 lb/ac	4WP	0	50	100	100	83	100	100	100
19B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
19C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP								
19D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
20A	ETHALFLURALIN	3.00 E	1.500 lb/ac	4WP	0	63	100	90	83	100	100	100
20B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
20C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP								
20D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
LSD(.05) :					NS	44	4	5	7	3	2	2

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3019 NO-TILL SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	90	70	0	90	93	100	90	93	100	73	100
2A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	80	90	0	90	100	93	90	100	100	100	93
2B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP											
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
3A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	33	93	0	40	100	93	93	93	100	100	100
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
4A	PENDIMETHALIN	3.30 EC	1.250 lb/ac	2WP	73	90	0	77	100	100	100	93	100	93	100
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP											
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP											
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
5A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	83	90	0	83	90	100	87	93	93	93	93
5B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP											
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP											
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
6A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	87	80	0	87	90	100	83	90	93	93	93
6B	PARAQUAT	2.50 S	0.625 lb/ac	2WP											
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP											
7A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	83	90	0	83	100	100	90	93	100	90	100
7B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP											
7C	2,4-D ESTER	4.00 E	0.500 lb/ac	2WP											
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP											
8A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	93	90	0	93	100	100	93	93	90	100	93
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP											
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
8D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
8E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP											
8F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3019 NO-TILL SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
9A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	90	90	0	90	97	100	90	93	100	100	93
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP											
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
9D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
9E	LACTOFEN	2.00 E	0.094 lb/ac	MP											
9F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP											
9G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE	90	90	0	90	100	100	90	100	100	100	100
10B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
10C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
10D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
10E	LACTOFEN	2.00 E	0.094 lb/ac	MP											
10F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP											
10G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
11A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	83	90	0	83	100	100	87	93	100	100	100
11B	ALACHLOR	4.00 MT	2.500 lb/ac	PRE											
11C	PARAQUAT	2.50 S	0.625 lb/ac	PRE											
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE											
12A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	90	90	0	90	100	100	100	100	100	90	93
12B	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP											
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP											
12D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP											
12F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	63	90	0	67	93	100	90	100	100	90	100
13B	PARAQUAT	2.50 S	0.625 lb/ac	PRE											
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE											
13D	BENTAZON+ACIFLUOR. 2	3.67 E	0.920 lb/ac	MP											
13E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
14A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	90	87	0	90	100	100	77	100	100	100	100
14B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	2WP											
14C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP											
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP											
14E	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
14F	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3019 NO-TILL SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
15A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	90	90	0	90	100	100	93	100	93	100	100
15B	METRIBUZIN 1	75.00 DF	0.375 lb/ac	2WP											
15C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP											
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP											
15E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP											
15F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP											
15G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		16	7	NS	19	5	3	9	6	4	5	5

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3019 NO-TILL SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----									
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS	
1	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	90	93	100	90	93	100	67	100	
2A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	90	100	93	90	100	100	100	93	
2B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
3A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	0	40	100	93	93	93	100	100	100	
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
4A	PENDIMETHALIN	3.30 EC	1.250 lb/ac	2WP	0	70	100	100	100	90	100	93	100	
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP										
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
5A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	73	90	100	87	90	93	93	93	
5B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP										
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
6A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	87	90	100	83	90	93	90	93	
6B	PARAQUAT	2.50 S	0.625 lb/ac	2WP										
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
7A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	83	100	100	90	93	100	90	100	
7B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP										
7C	2,4-D ESTER	4.00 E	0.500 lb/ac	2WP										
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
8A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	93	100	100	93	93	90	100	93	
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
8D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
8E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
8F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3019 NO-TILL SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----									
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS	
9A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	90	93	100	90	93	100	100	93	
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
9D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
9E	LACTOFEN	2.00 E	0.094 lb/ac	MP										
9F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
9G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE	0	83	100	100	90	100	100	100	100	
10B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
10C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
10D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
10E	LACTOFEN	2.00 E	0.094 lb/ac	MP										
10F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
10G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
11A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	0	83	100	100	87	93	100	100	100	
11B	ALACHLOR	4.00 MT	2.500 lb/ac	PRE										
11C	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
12A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	90	100	100	100	100	100	90	93	
12B	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP										
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
12D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
12F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	67	93	100	90	100	100	90	100	
13B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
13D	BENTAZON+ACIFLUOR. 2	3.67 E	0.920 lb/ac	MP										
13E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
14A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	83	100	100	77	100	100	100	100	
14B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	2WP										
14C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP										
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
14E	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
14F	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3019 NO-TILL SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----									
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS	
15A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	90	100	100	93	100	93	100	100	
15B	METRIBUZIN 1	75.00 DF	0.375 lb/ac	2WP										
15C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP										
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
15E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
15F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
15G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	
			LSD(.05) :		NS	21	5	3	9	7	4	4	5	

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3020 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ACCOS
1A	MON 13200	2.00 EC	0.125 lb/ac	2WP	90	90	0	90	90	93	97	93	100
1B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP									
1C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
1D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
2A	MON 13200	2.00 EC	0.188 lb/ac	2WP	90	90	0	90	93	90	93	93	97
2B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP									
2C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
2D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
3A	MON 13200	2.00 EC	0.125 lb/ac	4WP	87	90	0	87	97	90	100	97	97
3B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP									
3C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
3D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
4A	MON 13200	2.00 EC	0.188 lb/ac	4WP	90	90	0	90	93	90	100	97	93
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP									
4C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
5A	MON 13200	2.00 EC	0.125 lb/ac	2WP	80	90	0	80	100	93	90	100	100
5B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP									
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
6A	MON 13200	2.00 EC	0.188 lb/ac	2WP	87	90	0	87	97	90	93	93	100
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP									
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
7A	MON 13200	2.00 EC	0.125 lb/ac	4WP	70	90	0	70	100	90	90	93	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP									
7C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
8A	MON 13200	2.00 EC	0.188 lb/ac	4WP	80	90	0	80	100	93	93	100	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP									
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3020 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ACCOS
9A	MON 13200	2.00 EC	0.125 lb/ac	2WP	93	87	0	93	90	93	100	90	93
9B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP									
9C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
9E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP									
9F	ACTIVATOR 90	0.00 WA	1.000 %	MP									
10A	MON 13200	2.00 EC	0.188 lb/ac	2WP	90	93	0	90	93	87	100	90	93
10B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP									
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
10E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP									
10F	ACTIVATOR 90	0.00 WA	1.000 %	MP									
11A	MON 13200	2.00 EC	0.125 lb/ac	4WP	83	77	0	83	83	90	100	93	93
11B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP									
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
11E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP									
11F	ACTIVATOR 90	0.00 WA	1.000 %	MP									
12A	MON 13200	2.00 EC	0.188 lb/ac	4WP	87	77	0	87	83	90	97	93	97
12B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP									
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
12E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP									
12F	ACTIVATOR 90	0.00 WA	1.000 %	MP									
13A	MON 13200	2.00 EC	0.125 lb/ac	2WP	100	80	0	100	90	87	93	93	90
13B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP									
13C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
13D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
14A	MON 13200	2.00 EC	0.188 lb/ac	2WP	97	83	0	97	93	83	93	87	90
14B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP									
14C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP									
14D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3020 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ACCOS
15A	MON 13200	2.00 EC	0.125 lb/ac	4WP	90	83	0	90	93	83	90	90	90
15B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP									
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
16A	MON 13200	2.00 EC	0.188 lb/ac	4WP	90	87	0	90	93	90	97	90	90
16B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP									
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
17A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	100	87	0	100	100	90	93	97	97
17B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	4WP									
17C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP									
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
17F	ACTIVATOR 90	0.00 WA	1.000 %	MP									
18A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	97	90	0	97	100	93	90	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP									
18C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP									
18D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
19A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	93	70	0	93	100	83	83	93	90
19B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
19C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
19D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
19E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
19F	SUN-IT II	0.00 AD	0.750 qt/ac	MP									
20A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	93	90	0	93	100	93	97	93	100
20B	F6285	75.00 DF	0.375 lb/ac	4WP									
20C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP									
20D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									

LSD(.05) : 8 10 NS 8 7 NS 6 7 6

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3020 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ACCOS
1A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	90	90	87	93	93	97
1B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP							
1C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
1D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
2A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	90	93	90	93	93	93
2B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP							
2C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
2D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
3A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	83	97	90	100	97	97
3B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP							
3C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
3D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
4A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	90	93	90	100	97	90
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	4WP							
4C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
5A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	73	97	93	90	97	100
5B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP							
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
6A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	83	97	90	93	93	100
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP							
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
7A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	63	100	90	90	93	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP							
7C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
8A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	73	100	90	93	100	93
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP							
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3020 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ACCOS
9A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	90	90	93	100	90	93
9B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP							
9C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
9E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP							
9F	ACTIVATOR 90	0.00 WA	1.000 %	MP							
10A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	90	90	87	100	90	93
10B	ALACHLOR	4.00 MT	2.250 lb/ac	2WP							
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
10E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP							
10F	ACTIVATOR 90	0.00 WA	1.000 %	MP							
11A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	80	83	90	100	93	93
11B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP							
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
11E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP							
11F	ACTIVATOR 90	0.00 WA	1.000 %	MP							
12A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	87	83	90	97	93	97
12B	ALACHLOR	4.00 MT	2.250 lb/ac	4WP							
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
12E	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP							
12F	ACTIVATOR 90	0.00 WA	1.000 %	MP							
13A	MON 13200	2.00 EC	0.125 lb/ac	2WP	0	97	90	83	90	93	87
13B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP							
13C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
13D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
14A	MON 13200	2.00 EC	0.188 lb/ac	2WP	0	93	93	83	93	83	87
14B	CLOMAZONE	4.00 EC	0.500 lb/ac	2WP							
14C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP							
14D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3020 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	ACCOS
15A	MON 13200	2.00 EC	0.125 lb/ac	4WP	0	87	93	77	90	90	90
15B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP							
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
16A	MON 13200	2.00 EC	0.188 lb/ac	4WP	0	87	90	87	93	90	90
16B	CLOMAZONE	4.00 EC	0.500 lb/ac	4WP							
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
17A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	0	100	100	90	93	97	97
17B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	4WP							
17C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP							
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP							
17F	ACTIVATOR 90	0.00 WA	1.000 %	MP							
18A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	0	93	100	90	87	100	97
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP							
18C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP							
18D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
19A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	0	93	100	83	83	93	90
19B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
19C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
19D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
19E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
19F	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
20A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	0	93	100	93	97	93	100
20B	F6285	75.00 DF	0.375 lb/ac	4WP							
20C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP							
20D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							

LSD(.05) : NS 12 8 NS 7 8 7

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3021 MINIMUM TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS	
1A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	4WP	90	90	0	90	100	83	100	93	93	93	
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP											
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
2A	DE-498 + METALACHLOR	7.67 EC	4.400 lb/ac	4WP	77	80	0	77	100	83	93	93	90	90	
2B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP											
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
3A	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP	0	0	0	0	0	0	0	0	0	0	
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP											
4A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	2WP	83	83	0	83	93	83	93	93	80	90	
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP											
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
5A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	2WP	87	87	0	87	100	87	93	97	100	97	
5B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP											
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
6A	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP	23	83	0	23	87	87	87	93	100	100	
6B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
7A	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	90	90	0	90	93	90	90	100	93	93	
7B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
7C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
8A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	90	90	0	90	93	90	93	100	90	93	
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
9A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	70	80	0	70	90	90	83	90	77	93	
9B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
10A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	90	93	0	90	100	93	100	100	100	97	
10B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP											
10C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP											
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP											
10E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP											
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3021 MINIMUM TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
11A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	93	93	0	93	100	93	100	100	100	100
11B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP										
11C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
11E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
12A	SAN 582H	7.50 EC	0.850 lb/ac	2WP	90	93	0	90	100	93	93	97	100	100
12B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
12C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
12D	SAN 582H	7.50 EC	0.450 lb/ac	PRE										
12E	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
12F	CHLORIMURON	25.00 DF	0.030 lb/ac	MP										
12G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
13A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	100	80	0	100	93	93	77	93	93	100
13B	2,4-D ESTER	6.00 E	0.375 lb/ac	4WP										
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
13D	QUIZALOFOP	0.80 E	0.050 lb/ac	MP										
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
14A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP	93	90	0	93	100	90	90	93	100	100
14B	ALACHLOR	4.00 MT	2.500 lb/ac	2WP										
14C	2,4-D ESTER	6.00 E	0.250 lb/ac	2WP										
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP										
14E	QUIZALOFOP	0.80 E	0.050 lb/ac	MP										
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	53	80	0	53	100	90	80	97	100	100
15B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP										
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP										
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	77	80	0	77	93	90	83	100	90	100
16B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP										
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3021 . MINIMUM TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	43	83	0	43	100	90	83	100	100	100
17B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
17C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP										
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP										
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	50	83	0	50	100	93	83	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP										
18C	2,4-D ESTER	6.00 E	1.000 lb/ac	2WP										
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP										
19A	ETHALFLURALIN	3.00 E	1.120 lb/ac	4WP	60	90	0	60	100	93	90	90	100	100
19B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
19C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP										
19D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP										
20A	ETHALFLURALIN	3.00 E	1.500 lb/ac	4WP	40	90	0	40	100	90	90	100	93	100
20B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP										
20C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP										
20D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP										
LSD(.05) :					11	7	NS	11	6	8	7	6	7	5

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 PRE MAY 14
 MP JUNE 3
 O.M. : 4.50 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3021 MINIMUM TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
1A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	4WP	0	90	100	80	100	93	93	93
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
2A	DE-498 + METALACHLOR	7.67 EC	4.400 lb/ac	4WP	0	83	100	77	93	93	90	90
2B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
3A	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP	0	0	0	0	0	0	0	0
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
4A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	2WP	0	80	93	83	93	93	80	90
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
5A	DE-498 + METALACHLOR	7.67 EC	2.400 lb/ac	2WP	0	80	100	87	93	97	100	97
5B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
6A	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP	0	23	87	83	87	93	100	100
6B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
7A	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	0	90	93	90	90	100	93	93
7B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
7C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
8A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	90	90	87	90	100	90	93
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
9A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	67	90	90	80	90	73	93
9B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
10A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	0	90	100	93	100	100	100	97
10B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP								
10C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
10D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
10E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3021 MINIMUM TILL SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
11A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	0	93	100	93	100	100	100	100
11B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP								
11C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
11E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
12A	SAN 582H	7.50 EC	0.850 lb/ac	2WP	0	90	93	93	93	97	100	100
12B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
12C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
12D	SAN 582H	7.50 EC	0.450 lb/ac	PRE								
12E	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
12F	CHLORIMURON	25.00 DF	0.030 lb/ac	MP								
12G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
13A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	100	93	93	67	93	93	100
13B	2,4-D ESTER	6.00 E	0.375 lb/ac	4WP								
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
13D	QUIZALOFOP	0.80 E	0.050 lb/ac	MP								
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
14A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP	0	93	100	90	90	93	100	100
14B	ALACHLOR	4.00 MT	2.500 lb/ac	2WP								
14C	2,4-D ESTER	6.00 E	0.250 lb/ac	2WP								
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP								
14E	QUIZALOFOP	0.80 E	0.050 lb/ac	MP								
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	53	100	90	80	93	100	100
15B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
15C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP								
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP								
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	70	93	90	83	100	90	100
16B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP								
16C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3021 MINIMUM TILI SOYBEANS EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	43	100	90	83	100	100	100
17B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
17C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP								
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	50	100	90	83	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP								
18C	2,4-D ESTER	6.00 E	1.000 lb/ac	2WP								
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP								
19A	ETHALFLURALIN	3.00 E	1.120 lb/ac	4WP	0	53	100	90	90	90	100	100
19B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
19C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP								
19D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
20A	ETHALFLURALIN	3.00 E	1.500 lb/ac	4WP	0	33	100	90	90	100	93	100
20B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP								
20C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP								
20D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
LSD(.05) :					NS	13	6	8	6	6	7	5

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 4WP APRIL 19
 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3022 MINIMUM TILL SOYBEAN EARLY PREPLANT III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
1	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	80	77	0	80	77	90	93	100	83	100
2A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	90	80	0	90	90	90	100	100	80	100
2B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
3A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	7	0	0	7	0	0	0	0	0	0
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
4A	PENDIMETHALIN	3.30 EC	1.250 lb/ac	2WP	90	80	0	90	93	90	100	100	83	100
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP										
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
5A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	90	83	0	90	93	83	100	100	93	100
5B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP										
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
6A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	90	67	0	90	100	90	90	90	50	100
6B	PARAQUAT	2.50 S	0.625 lb/ac	2WP										
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
7A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	77	90	0	80	93	93	93	100	90	100
7B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP										
7C	2,4-D ESTER	4.00 E	0.500 lb/ac	2WP										
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
8A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	100	100	0	100	100	100	100	100	100	100
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
8D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
8E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
8F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3022 MINIMUM TILL SOYBEAN EARLY PREPLANT III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
9A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	90	93	0	90	100	93	100	100	100	93
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP										
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
9D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
9E	LACTOFEN	2.00 E	0.094 lb/ac	MP										
9F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
9G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE	100	100	0	100	100	100	100	100	100	100
10B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
10C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
10D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
10E	LACTOFEN	2.00 E	0.094 lb/ac	MP										
10F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
10G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
11A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	87	87	0	87	93	93	87	93	100	100
11B	ALACHLOR	4.00 MT	2.500 lb/ac	PRE										
11C	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
12A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	90	90	0	90	100	100	90	100	100	90
12B	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP										
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
12D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
12F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	60	77	0	60	100	90	90	100	77	100
13B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
13D	BENTAZON+ACIFLUOR. 2	3.67 E	0.920 lb/ac	MP										
13E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
14A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	93	90	0	93	93	93	93	100	90	100
14B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	2WP										
14C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP										
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
14E	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
14F	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3022 MINIMUM TILL SOYBEAN EARLY PREPLANT III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
15A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	93	100	0	93	100	97	100	100	100	97
15B	METRIBUZIN 1	75.00 DF	0.375 lb/ac	2WP										
15C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP										
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP										
15E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
15F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
15G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		8	8	NS	8	5	5	5	2	19	3

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3022 MINIMUM TILL SOYBEAN EARLY PREPLANT III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
1	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	80	77	90	93	100	83	100
2A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	90	83	87	93	100	80	100
2B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
3A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	0	7	0	0	0	0	0	0
3B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
4A	PENDIMETHALIN	3.30 EC	1.250 lb/ac	2WP	0	90	93	90	100	100	80	100
4B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP								
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
4D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
5A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	90	93	77	100	100	93	100
5B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP								
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
6A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	90	100	90	90	90	50	100
6B	PARAQUAT	2.50 S	0.625 lb/ac	2WP								
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
7A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	73	93	90	93	100	90	100
7B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP								
7C	2,4-D ESTER	4.00 E	0.500 lb/ac	2WP								
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
8A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	100	100	90	100	100	100	93
8B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
8C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
8D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
8E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
8F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3022 MINIMUM TILL SOYBEAN EARLY PREPLANT III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
9A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	90	100	93	100	100	100	93
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP								
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
9D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
9E	LACTOFEN	2.00 E	0.094 lb/ac	MP								
9F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
9G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE	0	100	100	93	100	100	100	93
10B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
10C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
10D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
10E	LACTOFEN	2.00 E	0.094 lb/ac	MP								
10F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
10G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
11A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	0	83	93	93	87	93	100	100
11B	ALACHLOR	4.00 MT	2.500 lb/ac	PRE								
11C	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
12A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	90	100	93	90	100	100	90
12B	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP								
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
12D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
12F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	53	100	83	90	100	77	100
13B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
13D	BENTAZON+ACIFLUOR. 2	3.67 E	0.920 lb/ac	MP								
13E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
14A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	93	93	93	93	100	90	100
14B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	2WP								
14C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP								
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
14E	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
14F	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3022 MINIMUM TILL SOYBEAN EARLY PREPLANT III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
15A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	0	93	100	93	100	100	100	93
15B	METRIBUZIN 1	75.00 DF	0.375 lb/ac	2WP								
15C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP								
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
15E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
15F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
15G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0
LSD(.05) :					NS	8	6	7	5	2	20	5

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 4.50 %
 DATE TREATED : 2WP MAY 5
 PRE MAY 14
 MP JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	57	70	0	57	73	100	87	87	100	100	100
1B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
2A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	70	70	0	70	73	93	87	93	93	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
3A	MON 29895	4.00 ME	2.500 lb/ac	PRE	90	60	0	90	43	90	80	100	100	100	100
3B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE											
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
4A	MON 29895	4.00 ME	2.500 lb/ac	PRE	90	70	0	90	70	90	87	93	100	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	83	80	0	93	90	90	70	93	100	93	93
5B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE											
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
6A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	70	80	0	70	90	87	90	93	100	93	93
6B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
6C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
7A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	80	90	0	80	100	100	90	93	100	100	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE											
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE											
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
8A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	77	87	0	77	100	100	100	87	90	100	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE											
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
9A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	70	90	0	70	90	100	87	93	100	100	100
9B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE											
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE											
9D	QUEST	0.00 AD	0.500 qt/ac	PRE											
9E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----											
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS	
10A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	87	90	0	87	90	100	87	100	100	100	100	
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE												
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE												
10D	QUEST	0.00 AD	0.500 qt/ac	PRE												
10E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE												
11A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	90	87	0	90	90	100	90	100	100	100	100	
11B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE												
11C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE												
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE												
12A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	93	80	0	93	90	93	80	93	100	83	100	
12B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE												
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE												
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE												
13A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	90	90	0	90	100	93	93	100	100	100	93	
13B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE												
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE												
13D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
13E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
14A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	93	90	0	93	100	93	93	100	93	100	100	
14B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE												
14C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE												
14D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
14E	CLETHODIM	2.00 EC	0.094 lb/ac	MP												
14F	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP												
14G	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
15A	CHLOR. + METRI. 1:6	75.00 DF	0.250 lb/ac	PRE	93	90	0	93	93	100	93	93	100	93	100	
15B	PARAQUAT	2.50 S	0.625 lb/ac	PRE												
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE												
15D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP												
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
16A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	93	90	0	93	93	100	93	90	100	100	100	
16B	PARAQUAT	2.50 S	0.625 lb/ac	PRE												
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE												
16D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP												
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
17A	PARAQUAT	2.50 S	0.625 lb/ac	PRE	100	87	0	100	100	90	93	90	100	90	100
17B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE											
17C	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP											
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP											
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D											
17F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D											
18A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	100	87	0	100	90	100	93	90	100	100	100
18B	PARAQUAT	2.50 S	0.625 lb/ac	PRE											
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE											
18D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP											
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP											
18F	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D											
18G	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D											
19A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	90	90	0	90	93	100	90	90	100	100	100
19B	PARAQUAT	2.50 S	0.625 lb/ac	PRE											
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE											
19D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP											
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP											
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP											
20A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	100	90	0	100	100	100	90	100	100	93	100
20B	PARAQUAT	2.50 S	0.625 lb/ac	PRE											
20C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE											
20D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP											
20E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP											
20F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP											
LSD(.05) :					14	11	NS	14	18	5	9	7	3	7	4

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	50	73	100	87	87	100	100	100
1B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
2A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	67	67	93	87	93	93	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
3A	MON 29895	4.00 ME	2.500 lb/ac	PRE	0	90	40	90	80	100	100	100	100
3B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
4A	MON 29895	4.00 ME	2.500 lb/ac	PRE	0	90	63	90	80	93	100	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	93	90	90	70	93	100	93	93
5B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
6A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	63	90	87	87	93	100	93	93
6B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
6C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
7A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	80	100	100	90	93	100	100	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
8A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	77	100	100	100	87	90	100	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
9A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	60	90	100	87	93	100	100	100
9B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
9D	QUEST	0.00 AD	0.500 qt/ac	PRE									
9E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
10A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	87	90	100	87	93	100	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
10D	QUEST	0.00 AD	0.500 qt/ac	PRE									
10E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
11A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	90	90	100	90	100	100	100	100
11B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE									
11C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
12A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	93	90	93	80	93	100	77	100
12B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE									
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
13A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	0	90	100	93	90	100	100	100	93
13B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
13D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
13E	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
14A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	0	93	100	93	93	100	93	100	100
14B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
14C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
14D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
14E	CLETHODIM	2.00 EC	0.094 lb/ac	MP									
14F	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
14G	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
15A	CHLOR. + METRI. 1:6	75.00 DF	0.250 lb/ac	PRE	0	93	93	100	93	93	100	93	100
15B	PARAQUAT	2.50 S	0.625 lb/ac	PRE									
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
15D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP									
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
16A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	93	93	100	93	90	93	100	100
16B	PARAQUAT	2.50 S	0.625 lb/ac	PRE									
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
16D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP									
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----									
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS	
17A	PARAQUAT	2.50 S	0.625 lb/ac	PRE	0	100	100	90	93	90	100	90	100	
17B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
17C	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP										
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D										
17F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D										
18A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	93	90	100	93	90	100	100	100	
18B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
18D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP										
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
18F	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D										
18G	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D										
19A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	90	93	100	90	90	100	100	100	
19B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
19D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP										
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
20A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	90	100	100	90	100	93	93	100	
20B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
20C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
20D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP										
20E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
20F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										

LSD(.05) : NS 15 19 5 9 7 4 9 4

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
1A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	100	90	0	100	100	93	93	100	93	100
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
1D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
1E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
1F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
2A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	100	60	0	100	90	93	80	90	100	50
2B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
2D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
2E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
3A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	93	67	0	93	53	100	87	90	100	80
3B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
3D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
3E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
4A	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE	87	80	0	87	90	83	100	93	100	90
4B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
4D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
4E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
5A	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE	93	70	0	93	60	100	90	87	100	90
5B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
5D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
6A	CHLORIMURON	25.00 DF	0.004 lb/ac	PRE	90	70	0	90	70	100	93	90	93	90
6B	DPX M6316	25.00 DF	0.004 lb/ac	PRE										
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
6E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
6F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
7A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	90	67	0	90	60	100	90	87	93	90
7B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE										
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
7E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
7F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
8A	DPX M6316	25.00 DF	0.005 lb/ac	PRE	90	77	0	90	83	100	93	90	93	90
8B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE										
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
8E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
8F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
9A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	90	90	0	90	90	100	90	90	93	100
9B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE										
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
9E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
9F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
10A	DPX M6316	25.00 DF	0.002 lb/ac	PRE	90	77	0	90	90	100	93	80	93	90
10B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE										
10C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
10E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
11A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	90	80	0	90	90	100	90	87	93	87
11B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE										
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
11E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
12A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	90	60	0	90	60	100	90	87	100	93
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE										
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
12E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
13A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	93	80	0	93	83	100	90	90	100	93
13B	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE										
13C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
13E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
13F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	100	57	0	100	93	93	100	100	93	57
14B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
14D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
15A	BENTAZON	4.00 E	1.000 lb/ac	PRE	93	60	0	93	90	100	93	93	90	70
15B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE										
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
15D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D										
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
16A	SAN 582H	7.50 L	1.300 lb/ac	PRE	87	90	0	87	90	100	90	93	100	93
16B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE										
16C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
17A	SAN 582H	7.50 L	1.300 lb/ac	PRE	90	87	0	90	87	100	90	100	93	100
17B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE										
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
17D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
18A	SAN 582H	7.50 L	1.300 lb/ac	PRE	90	90	0	90	100	100	93	93	93	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
18C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
18D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
18E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
19A	SAN 582H	7.50 L	1.300 lb/ac	PRE	90	90	0	90	100	100	100	90	100	93
19B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE										
19C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
19D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
20	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0
LSD(.05) :					9	10	NS	9	21	7	7	6	6	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 MP JUNE 7
 +7D JUNE 14

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
1A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	0	100	100	93	93	100	93	100
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
1D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
1E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
1F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
2A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	0	100	87	93	80	90	100	40
2B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
2D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
2E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
3A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	93	53	100	87	90	100	67
3B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
3D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
3E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
4A	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE	0	80	83	83	100	93	100	90
4B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
4D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
4E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
5A	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE	0	93	60	100	90	80	100	90
5B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
5D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
6A	CHLORIMURON	25.00 DF	0.004 lb/ac	PRE	0	90	70	100	93	90	93	90
6B	DPX M6316	25.00 DF	0.004 lb/ac	PRE								
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
6E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
6F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
7A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	0	90	50	100	90	80	93	90
7B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE								
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
7E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
7F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
8A	DPX M6316	25.00 DF	0.005 lb/ac	PRE	0	90	77	100	90	90	93	90
8B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE								
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
8E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
8F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
9A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	87	83	100	90	90	93	100
9B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE								
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
9E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
9F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
10A	DPX M6316	25.00 DF	0.002 lb/ac	PRE	0	90	90	100	93	77	93	90
10B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE								
10C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
10E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
11A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	0	90	83	100	90	87	93	87
11B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE								
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
11E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
12A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	90	50	100	90	80	100	93
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE								
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
12E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
13A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	93	83	100	90	90	100	93
13B	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE								
13C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
13E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
13F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	0	100	93	93	93	100	93	47
14B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
14D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
15A	BENTAZON	4.00 E	1.000 lb/ac	PRE	0	93	90	100	93	90	90	57
15B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE								
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
15D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D								
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
16A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	87	90	100	90	93	100	93
16B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE								
16C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
17A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	90	87	100	90	100	93	100
17B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE								
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
17D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
18A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	90	100	100	93	93	93	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
18C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
18D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
18E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA
19A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	90	100	100	100	90	100	93
19B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE								
19C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
19D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
20	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0
				LSD(.05) :	NS	9	21	7	7	8	6	15

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 MP JUNE 7
 +7D JUNE 14

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3028 NO-TILL FULL SEASON SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	V-53482	50.00 WDG	0.060 lb/ac	PRE	100	60	0	100	90	100	93	100	100	60	100
1B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE											
1C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE											
2A	V-53482	50.00 WDG	0.090 lb/ac	PRE	100	57	0	100	100	100	100	100	100	67	100
2B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE											
2C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE											
3A	V-53482	50.00 WDG	0.060 lb/ac	PRE	70	77	0	70	77	93	100	100	90	100	100
3B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
4A	V-53482	50.00 WDG	0.090 lb/ac	PRE	60	80	0	70	80	100	100	93	90	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
5A	V-53482	50.00 WDG	0.060 lb/ac	PRE	90	57	0	90	57	100	93	90	93	100	100
5B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE											
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
6A	V-53482	50.00 WDG	0.090 lb/ac	PRE	90	50	0	90	33	93	93	100	93	100	100
6B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE											
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
7A	V-53482	50.00 WDG	0.060 lb/ac	PRE	100	57	0	100	93	100	100	100	100	67	100
7B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE											
8A	V-53482	50.00 WDG	0.090 lb/ac	PRE	100	60	0	100	90	100	100	100	100	60	93
8B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE											
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	90	80	0	90	80	93	93	100	93	100	100
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		11	11	NS	11	21	5	6	6	5	12	3

185

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 14
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 4.50 %
DATE TREATED : PRE MAY 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3028 NO-TILL FULL SEASON SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT	SIDSP	ERICA	ACCOS
1A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	100	87	100	93	100	100	60	100
1B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
1C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE									
2A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	100	100	100	100	100	100	67	100
2B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
2C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE									
3A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	60	77	93	100	100	90	100	100
3B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
4A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	70	77	100	100	93	90	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
5A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	90	43	100	93	90	93	93	100
5B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
6A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	90	13	93	93	100	93	100	100
6B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
7A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	97	93	100	100	100	100	60	100
7B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE									
8A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	100	90	100	100	100	100	47	93
8B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE									
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	0	90	80	93	93	100	93	93	100
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		NS	20	19	5	6	6	5	14	3

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 14
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 4.50 %
DATE TREATED : PRE MAY 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3029 MINIMUM TILL FULL SEASON SOYBEANS .

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
1A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	50	50	0	50	60	80	83	90	77	93
1B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
2A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	57	70	0	57	70	90	80	93	93	93
2B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
3A	MON 29895	4.00 ME	2.500 lb/ac	PRE	90	67	0	90	80	90	100	90	70	90
3B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
4A	MON 29895	4.00 ME	2.500 lb/ac	PRE	90	70	0	90	80	80	90	90	77	90
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	87	67	0	87	67	90	67	93	93	100
5B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
6A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	70	70	0	70	80	90	83	90	77	93
6B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
6C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
7A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	87	87	0	87	100	90	87	90	100	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
8A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	87	87	0	87	100	87	90	93	93	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
9A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	90	87	0	90	90	87	87	93	93	93
9B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
9D	QUEST	0.00 AD	0.500 qt/ac	PRE										
9E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3029 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
10A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	90	90	0	90	100	90	90	93	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
10D	QUEST	0.00 AD	0.500 qt/ac	PRE										
10E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
11A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	90	90	0	90	93	90	100	100	93	100
11B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE										
11C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
12A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	93	90	0	93	93	93	100	100	90	93
12B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE										
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
13A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	93	87	0	93	90	87	100	93	90	100
13B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
13D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
13E	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
14A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	100	90	0	100	90	100	93	93	100	100
14B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE										
14C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
14D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
14E	CLETHODIM	2.00 EC	0.094 lb/ac	MP										
14F	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP										
14G	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
15A	CHLOR. + METRI. 1:6	75.00 DF	0.250 lb/ac	PRE	100	90	0	100	93	100	90	100	100	100
15B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
15D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP										
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
16A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	100	100	0	100	100	100	100	100	100	100
16B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
16D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP										
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3029 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGG	BBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
17A	PARAQUAT	2.50 S	0.625 lb/ac	PRE	100	93	0	100	93	100	100	100	90	100
17B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
17C	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP										
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D										
17F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D										
18A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	100	93	0	100	100	100	93	93	100	100
18B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
18D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP										
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
18F	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D										
18G	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D										
19A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	100	93	0	100	100	100	97	93	100	100
19B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
19D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP										
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
20A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	100	90	0	100	93	100	90	100	100	100
20B	PARAQUAT	2.50 S	0.625 lb/ac	PRE										
20C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
20D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP										
20E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
20F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
LSD(.05) :					9	11	NS	9	9	5	13	6	12	5

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3029 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
1A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	50	57	80	83	90	77	93
1B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
2A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	57	70	83	80	93	93	93
2B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
3A	MON 29895	4.00 ME	2.500 lb/ac	PRE	0	90	80	90	100	90	67	90
3B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
4A	MON 29895	4.00 ME	2.500 lb/ac	PRE	0	90	70	80	90	90	77	90
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	80	63	90	67	93	93	100
5B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
5C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
6A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	70	80	90	83	90	77	93
6B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
6C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
7A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	87	100	90	87	90	100	100
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
8A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	87	100	87	90	93	93	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
9A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	90	90	87	87	93	93	93
9B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
9D	QUEST	0.00 AD	0.500 qt/ac	PRE								
9E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3029 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
10A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	90	93	90	90	93	100	100
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE								
10C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
10D	QUEST	0.00 AD	0.500 qt/ac	PRE								
10E	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
11A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	90	90	90	100	100	93	100
11B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE								
11C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
12A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	0	93	93	93	100	100	90	93
12B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE								
12C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
12D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
13A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	0	93	90	87	100	93	90	100
13B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
13D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
13E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
14A	ALACHLOR	4.00 MT	1.500 lb/ac	PRE	0	100	90	100	93	93	100	100
14B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE								
14C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
14D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
14E	CLETHODIM	2.00 EC	0.094 lb/ac	MP								
14F	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
14G	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
15A	CHLOR. + METRI. 1:6	75.00 DF	0.250 lb/ac	PRE	0	100	93	100	90	93	100	100
15B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
15D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP								
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
16A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	100	100	93	90	100	100	100
16B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
16D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP								
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3029 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	SIDSP	POLPY	ACCOS
17A	PARAQUAT	2.50 S	0.625 lb/ac	PRE	0	100	93	93	93	90	90	100
17B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
17C	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP								
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
17E	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D								
17F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D								
18A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	100	100	100	93	93	100	100
18B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
18D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP								
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
18F	FOMESAFEN	2.00 LC	0.375 lb/ac	+3D								
18G	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D								
19A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	93	100	100	90	93	100	100
19B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
19D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.125 lb/ac	MP								
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
20A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	93	93	100	90	93	100	100
20B	PARAQUAT	2.50 S	0.625 lb/ac	PRE								
20C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
20D	FLUAZIFOP+FENOXAPROP	2.56 EC	0.166 lb/ac	MP								
20E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP								
20F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								

LSD(.05) : NS 10 8 7 13 7 12 5

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3031 MINIMUM TILL FULL SEASON SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----										
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	SIDSP	POLPY	ERICA
1A	V-53482	50.00 WDG	0.060 lb/ac	PRE	70	90	0	70	93	100	100	90	100	100	90
1B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE											
1C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE											
2A	V-53482	50.00 WDG	0.090 lb/ac	PRE	80	87	0	80	100	93	93	90	100	93	90
2B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE											
2C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE											
3A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	90	0	0	93	93	100	93	100	93	93
3B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
4A	V-53482	50.00 WDG	0.090 lb/ac	PRE	57	83	0	57	90	90	100	90	100	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
5A	V-53482	50.00 WDG	0.060 lb/ac	PRE	77	90	0	77	100	90	100	90	100	100	93
5B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE											
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
6A	V-53482	50.00 WDG	0.090 lb/ac	PRE	90	90	0	90	93	90	100	93	93	100	100
6B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE											
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
7A	V-53482	50.00 WDG	0.060 lb/ac	PRE	80	90	0	80	100	90	100	90	100	100	93
7B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE											
8A	V-53482	50.00 WDG	0.090 lb/ac	PRE	70	90	0	70	100	93	100	100	100	100	90
8B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE											
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	93	90	0	93	100	90	100	100	100	93	100
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE											
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE											
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
			LSD(.05) :		9	4	NS	9	5	5	3	6	3	5	5

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 14
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 4.50 %
DATE TREATED : PRE MAY 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3031 MINIMUM TILL FULL SEASON SOYBEANS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----								
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	SIDSP	POLPY	ERICA
1A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	60	93	100	100	90	100	100	90
1B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
1C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE									
2A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	80	100	93	93	90	100	93	90
2B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
2C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE									
3A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	0	93	93	100	93	100	93	93
3B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
3C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
4A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	50	90	90	100	90	100	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
5A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	67	100	90	100	90	100	100	93
5B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
5C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
6A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	87	93	90	100	93	93	100	100
6B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
6C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
6D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
7A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	80	100	90	100	90	100	100	50
7B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE									
8A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	70	100	93	100	100	100	100	90
8B	IMAZETHAPYR + PENDIM	3.00 E	1.000 lb/ac	PRE									
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	0	93	100	90	100	93	100	93	100
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		NS	9	5	5	3	7	3	5	5

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 14
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 4.50 %
DATE TREATED : PRE MAY 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
1A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	100	90	0	100	100	93	100	100	100
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
1D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
1E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
1F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
2A	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE	100	80	0	100	100	100	83	83	100
2B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
2D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
2E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
3A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	100	50	0	100	100	93	80	57	100
3B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
3D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
3E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
4A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	100	90	0	100	100	93	100	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
4D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
4F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
5A	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE	100	77	0	100	90	90	77	90	87
5B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
5D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
6A	CHLORIMURON	25.00 DF	0.004 lb/ac	PRE	100	50	0	100	93	100	0	93	100
6B	DPX M6316	25.00 DF	0.004 lb/ac	PRE									
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
6E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
6F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
7A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	100	77	0	100	93	90	70	83	83
7B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE									
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
7E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
7F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
8A	DPX M6316	25.00 DF	0.005 lb/ac	PRE	100	50	0	100	100	100	47	80	100
8B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE									
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
8E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
8F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
9A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	100	50	0	100	100	93	0	100	100
9B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE									
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
9E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
9F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
10A	DPX M6316	25.00 DF	0.002 lb/ac	PRE	100	50	0	100	93	100	37	90	90
10B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE									
10C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
10E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
11A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	100	50	0	100	100	90	40	93	100
11B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE									
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
11E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
12A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	100	57	0	100	93	93	33	93	100
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE									
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
12E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
13A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	100	50	0	100	90	100	40	93	90
13B	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE									
13C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
13E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
13F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	93	67	0	93	90	93	100	70	93
14B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
14D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
15A	BENTAZON	4.00 E	1.000 lb/ac	PRE	100	50	0	100	57	93	60	77	100
15B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE									
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
15D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D									
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D									
16A	SAN 582H	7.50 L	1.300 lb/ac	PRE	90	90	0	90	93	90	93	100	100
16B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE									
16C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
17A	SAN 582H	7.50 L	1.300 lb/ac	PRE	90	90	0	90	90	90	90	100	93
17B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
17D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
18A	SAN 582H	7.50 L	1.300 lb/ac	PRE	80	90	0	80	100	97	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
18C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
18D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
18E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
19A	SAN 582H	7.50 L	1.300 lb/ac	PRE	90	90	0	90	100	93	100	100	100
19B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE									
19C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
19D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
20	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
LSD(.05) :					4	7	NS	4	22	7	17	28	10

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 +7D MAY 17
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
1A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	0	100	100	93	100	100	100
1B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
1D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
1E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
1F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
2A	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE	0	100	100	100	83	83	100
2B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
2D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
2E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
3A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	100	100	93	77	57	100
3B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
3D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
3E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
4A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	0	100	100	93	100	100	100
4B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
4C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
4D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
4F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
5A	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE	0	100	90	90	77	90	87
5B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
5D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
6A	CHLORIMURON	25.00 DF	0.004 lb/ac	PRE	0	100	93	100	0	93	100
6B	DPX M6316	25.00 DF	0.004 lb/ac	PRE							
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
6E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
6F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
7A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	0	100	93	90	70	83	83
7B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE							
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
7E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
7F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
8A	DPX M6316	25.00 DF	0.005 lb/ac	PRE	0	100	100	100	43	80	100
8B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE							
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
8E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
8F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
9A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	100	100	93	23	100	100
9B	CHLORIMURON	25.00 DF	0.005 lb/ac	PRE							
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
9E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
9F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
10A	DPX M6316	25.00 DF	0.002 lb/ac	PRE	0	100	93	100	30	90	90
10B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE							
10C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
10E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
10F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
11A	DPX M6316	25.00 DF	0.004 lb/ac	PRE	0	100	93	90	33	93	100
11B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE							
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
11E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
12A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	100	90	93	27	93	100
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	PRE							
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
12E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					GRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
13A	DPX M6316	25.00 DF	0.008 lb/ac	PRE	0	100	90	100	33	93	90
13B	CHLORIMURON	25.00 DF	0.012 lb/ac	PRE							
13C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
13E	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
13F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	0	93	90	93	100	67	93
14B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
14D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
15A	BENTAZON	4.00 E	1.000 lb/ac	PRE	0	100	57	93	60	77	100
15B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	PRE							
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
15D	QUIZALOFOP	0.80 E	0.063 lb/ac	+7D							
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D							
16A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	90	93	90	93	100	100
16B	IMAZAQUIN	70.00 DG	0.125 lb/ac	PRE							
16C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
17A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	90	90	90	90	100	93
17B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE							
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
17D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
18A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	80	100	90	100	100	100
18B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
18C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
18D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
18E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP							
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3032 MINIMUM TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	PHBPU	SOLPT	AMBEL	POLPY
19A	SAN 582H	7.50 L	1.300 lb/ac	PRE	0	90	100	93	100	100	100
19B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE							
19C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
19D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
19E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP							
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
20	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
				LSD(.05) :	NS	4	22	7	17	28	10

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 10
 +7D MAY 10
 MP JUNE 7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
1A	V-53482	50.00 WDG	0.060 lb/ac	PRE	100	97	0	100	93	100	100	100	100
1B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
1C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
2A	V-53482	50.00 WDG	0.090 lb/ac	PRE	100	93	0	100	97	100	97	100	100
2B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE									
2C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
3A	V-53482	50.00 WDG	0.060 lb/ac	PRE	90	87	0	90	90	100	93	97	90
3B	CLETHODIM	2.00 EC	0.094 lb/ac	PRE									
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE									
4A	V-53482	50.00 WDG	0.090 lb/ac	PRE	87	90	0	87	93	100	93	100	93
4B	CLETHODIM	2.00 EC	0.094 lb/ac	PRE									
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE									
5A	V-53482	50.00 WDG	0.060 lb/ac	PRE	100	97	0	100	97	100	97	100	100
5B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
6A	V-53482	50.00 WDG	0.090 lb/ac	PRE	93	93	0	93	93	100	97	97	100
6B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
7A	V-53482	50.00 WDG	0.060 lb/ac	PRE	60	93	0	60	100	100	100	100	93
7B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
8A	V-53482	50.00 WDG	0.090 lb/ac	PRE	63	97	0	63	97	100	97	100	97
8B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
9A	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	PRE	93	93	0	93	97	100	97	100	100
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
10A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	100	93	0	100	93	100	97	100	100
10B	PARQUAT	2.00 E	0.625 lb/ac	PRE									
10C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
10D	FOMESAFEN + FLUAZIFO	1.75 EC	0.250 lb/ac	+2W									
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
11A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	100	97	0	100	97	100	100	100	100
11B	PARAQUAT	2.00 E	0.625 lb/ac	PRE									
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
11D	FOMESAFEN + FLUAZIFO	1.75 EC	0.250 lb/ac	+2W									
11E	CHLORIMURON	25.00 DF	0.004 lb/ac	+2W									
11F	X-77 (SURFACTANT)	0.50 WA	0.250 %	+2W									
12A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	100	93	0	100	93	100	97	100	100
12B	PARAQUAT	2.00 E	0.625 lb/ac	PRE									
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
12D	FOMESAFEN + FLUAZIFO	1.75 EC	0.250 lb/ac	+2W									
12E	BENTAZON	4.00 E	0.500 lb/ac	+2W									
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W									
13A	CHLOR. + METRI. 1:6	75.00 DF	0.250 lb/ac	PRE	90	90	0	90	87	100	97	100	100
13B	PARAQUAT	2.00 E	0.625 lb/ac	PRE									
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
13D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP									
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
14A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	90	90	0	90	93	100	93	100	100
14B	PARAQUAT	2.00 E	0.625 lb/ac	PRE									
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
14D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP									
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
15A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	100	87	0	100	90	100	93	100	100
15B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	PRE									
15C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
16A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	97	90	0	97	87	93	97	100	100
16B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
16C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
16D	FOMESAFEN	2.00 LC	0.375 lb/ac	MP									
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA	
17A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	93	90	0	93	90	90	97	100	100	
17B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
17C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
17D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
18A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	93	90	0	93	87	93	93	97	100	
18L	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
18C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
18D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
18E	SUN-IT II	0.00 AD	0.750 qt/ac	MP										
19A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	90	0	90	90	97	97	100	100	
19B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
19C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
19D	LACTOFEN	2.00 E	0.094 lb/ac	MP										
19E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
19F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
20A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	93	87	0	93	90	93	90	100	100	
20B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
20C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP										
20D	FOMESAFEN	2.00 LC	0.375 lb/ac	MP										
20E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
20F	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
21A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	93	90	0	93	90	90	93	100	100	
21B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
21C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP										
21D	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP										
21E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
21F	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
22A	CHLORIM + LINURON	60.00 DF	0.525 lb/ac	PRE	90	97	0	93	100	100	100	100	97	
22B	2,4-D ESTER	4.00 E	0.375 lb/ac	PRE										
22C	QUICALOFOP	0.80 E	0.050 lb/ac	MP										
22D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
23A	CHLORIM + LINURON	60.00 DF	0.450 lb/ac	PRE	93	97	0	97	97	100	100	100	100
23B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP									
23C	QUIZALOFOP	0.80 E	0.050 lb/ac	MP									
23D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
24	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		6	7	NS	6	9	9	3	4	5

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : JUNE 29
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE JUNE 29
 +2W JULY 13
 MP JULY 19

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
1A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	93	93	100	93	100	100
1B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE							
1C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
2A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	90	97	100	97	100	97
2B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE							
2C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
3A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	83	90	100	93	97	80
3B	CLETHODIM	2.00 EC	0.094 lb/ac	PRE							
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE							
4A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	83	93	100	93	100	87
4B	CLETHODIM	2.00 EC	0.094 lb/ac	PRE							
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE							
5A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	93	93	100	90	100	100
5B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
6A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	90	93	100	93	93	100
6B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
7A	V-53482	50.00 WDG	0.060 lb/ac	PRE	0	60	100	100	100	100	93
7B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
8A	V-53482	50.00 WDG	0.090 lb/ac	PRE	0	53	97	100	97	100	97
8B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
9A	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	PRE	0	90	93	100	97	100	100
9B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
10A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	0	90	93	100	93	100	100
10B	PARAQUAT	2.00 E	0.625 lb/ac	PRE							
10C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
10D	FOMESAFEN + FLUAZIFO	1.75 EC	0.250 lb/ac	+2W							
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
11A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	0	83	93	100	93	97	100
11B	PARAQUAT	2.00 E	0.625 lb/ac	PRE							
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
11D	FOMESAFEN + FLUAZIFO	1.75 EC	0.250 lb/ac	+2W							
11E	CHLORIMURON	25.00 DF	0.004 lb/ac	+2W							
11F	X-77 (SURFACTANT)	0.50 WA	0.250 %	+2W							
12A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	0	80	93	100	93	100	100
12B	PARAQUAT	2.00 E	0.625 lb/ac	PRE							
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
12D	FOMESAFEN + FLUAZIFO	1.75 EC	0.250 lb/ac	+2W							
12E	BENTAZON	4.00 E	0.500 lb/ac	+2W							
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W							
13A	CHLOR. + METRI. 1:6	75.00 DF	0.250 lb/ac	PRE	0	87	87	100	93	100	100
13B	PARAQUAT	2.00 E	0.625 lb/ac	PRE							
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
13D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP							
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
14A	METRIBUZIN 2	75.00 DF	0.375 lb/ac	PRE	0	90	93	100	93	100	100
14B	PARAQUAT	2.00 E	0.625 lb/ac	PRE							
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
14D	FOMESAFEN + FLUAZIFO	1.75 EC	0.375 lb/ac	MP							
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
15A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	90	90	100	87	100	100
15B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	PRE							
15C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
16A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	90	83	93	97	100	97
16B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
16C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
16D	FOMESAFEN	2.00 LC	0.375 lb/ac	MP							
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
17A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	93	90	90	93	100	100
17B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
17C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
17D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
18A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	80	87	93	93	97	100
18B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
18C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
18D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
18E	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
19A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	83	90	97	93	100	100
19B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
19C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
19D	LACTOFEN	2.00 E	0.094 lb/ac	MP							
19E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
19F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
20A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	83	90	93	90	100	100
20B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
20C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP							
20D	FOMESAFEN	2.00 LC	0.375 lb/ac	MP							
20E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
20F	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
21A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	80	90	90	93	100	100
21B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
21C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP							
21D	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP							
21E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
21F	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
22A	CHLORIM + LINURON	60.00 DF	0.525 lb/ac	PRE	0	90	100	100	100	100	97
22B	2,4-D ESTER	4.00 E	0.375 lb/ac	PRE							
22C	QUIZALOFOP	0.80 E	0.050 lb/ac	MP							
22D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3016 NO-TILL SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	AMACH	SIDSP	ABUTH	ERICA
23A	CHLORIM + LINURON	60.00 DF	0.450 lb/ac	PRE	0	93	97	100	100	100	100
23B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP							
23C	QUIZALOFOP	0.80 E	0.050 lb/ac	MP							
23D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
24	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
			LSD(.05) :		NS	11	8	9	5	5	5

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : JUNE 29
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE JUNE 29
 +2W JULY 13
 MP JULY 19

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3110 CORN PREEMERGENCE, PREPLANT & POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PPI	7	97	60	77	13	47
2	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	3	97	83	60	47	80
3A	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PPI	0	97	80	70	53	73
3B	ATRAZINE	4.00 L	1.000 lb/ac	PPI						
4A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	3	100	77	83	73	80
4B	ATRAZINE	4.00 L	1.000 lb/ac	PPI						
5	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	0	97	63	80	47	63
6	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	100	67	60	40	57
7A	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	3	93	90	100	90	80
7B	ATRAZINE	4.00 L	1.000 lb/ac	PRE						
8A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	97	83	97	80	77
8B	ATRAZINE	4.00 L	1.000 lb/ac	PRE						
9A	MON 8407	7.00 E	2.000 lb/ac	PRE	3	100	90	87	70	90
9B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE						
10A	MON 8407	7.00 E	2.000 lb/ac	PRE	3	100	93	77	70	90
10B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE						
11A	MON 8407	7.00 E	2.000 lb/ac	PPI	3	100	70	93	53	70
11B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PPI						
12A	MON 8407	7.00 E	2.000 lb/ac	PPI	3	100	83	93	63	77
12B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PPI						
13A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	7	100	83	67	63	80
13B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE						
14A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	3	100	90	43	50	90
14B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE						
15A	ALACHLOR	4.00 MT	2.500 lb/ac	PPI	0	100	83	67	33	90
15B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PPI						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3110 CORN PREEMERGENCE, PREPLANT & POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
16A	ALACHLOR	4.00 MT	2.500 lb/ac	PPI	0	90	70	50	47	70
16B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PPI						
17A	MON 8407	7.00 E	2.000 lb/ac	PRE	7	100	90	100	90	90
17B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
18A	MON 8407	7.00 E	2.000 lb/ac	PPI	0	100	53	100	53	53
18B	ATRAZINE	4.00 L	1.500 lb/ac	PPI						
19A	MON 8407	7.00 E	2.000 lb/ac	PRE	3	100	90	53	90	90
19B	MON 12000	75.00 DF	0.032 lb/ac	MP						
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						
20A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	97	93	70	77	93
20B	MON 12000	75.00 DF	0.032 lb/ac	MP						
20C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						
21A	METALACHLOR II	7.80 E	2.000 lb/ac	PRE	3	90	93	93	90	97
21B	CGA 152005	57.00 DF	0.036 lb/ac	MP						
21C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
22A	SAN 582H	7.50 EC	1.200 lb/ac	PRE	7	100	93	100	90	80
22B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
23A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	0	100	73	97	83	70
23B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
24A	SAN 582H	7.50 EC	1.400 lb/ac	PRE	3	100	83	100	67	53
24B	ATRAZINE	4.00 L	1.500 lb/ac	PRE						
25A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	0	100	90	100	87	87
25B	ATRAZINE	4.00 L	1.000 lb/ac	PRE						
26A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	0	100	90	100	87	87
26B	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PRE						
27A	BROMOXYNIL	2.00 E	0.250 lb/ac	MP	10	0	100	70	77	97
27B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3110 CORN PREEMERGENCE, PREPLANT & POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
28A	BROMOXYNIL	2.00 E	0.250 lb/ac	MP	3	23	87	83	80	87
28B	PRIMISULFURON	75.00 WDG	0.018 lb/ac	MP						
28C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						
29A	BROMOXYNIL	2.00 E	0.250 lb/ac	MP	10	100	90	100	87	90
29B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP						
29C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						
30A	BROMOXYNIL	2.00 E	0.250 lb/ac	MP	10	83	90	93	90	90
30B	NICOSULFURON	75.00 DF	0.016 lb/ac	MP						
30C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						

LSD(.05) :

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 20
 VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
 O P, O K, pH : 6.3 O.M. : 1.30 %
 DATE TREATED : PRE MAY 20
 PPI MAY 20
 MP JUNE 14

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3116 CORN POSTEMERGENCE (IR)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				
					CRIN	GGGGG	SORHA	CHEAL	AMACH
1A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	3	97	37	33	100
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
1C	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
2A	PENDIMETHALIN	3.30 EC	0.825 lb/ac	PRE	7	80	100	100	100
2B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
2D	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
3A	PENDIMETHALIN	3.30 EC	0.825 lb/ac	MP	10	83	77	57	100
3B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
3C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
3D	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
4A	ATRAZINE	4.00 L	0.300 lb/ac	MP	7	90	90	100	100
4B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
4D	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
5A	2,4-D ESTER	6.00 E	0.500 lb/ac	MP	17	80	77	100	100
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
5D	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
6	CHECK (UNCULTIVATED)	0.00 CK	0.000		13	73	40	100	100
7A	SAN 582H	7.50 EC	1.300 lb/ac	PRE	0	87	100	83	97
7B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
7D	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
8	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE	0	0	100	100	100
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	10	83	20	40	100
9B	BROMOXNYL	2.00 E	0.250 lb/ac	MP					
9C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3116 CORN POSTEMERGENCE (IR)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				
					CRIN	GGGGG	SORHA	CHEAL	AMACH
10A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	10	87	50	47	100
10B	BROMOXYNIL	2.00 E	0.125 lb/ac	MP					
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					
11A	IMAZETHAPYR + PENDIM	3.00 E	0.903 lb/ac	MP	7	90	27	27	100
11B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP					
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP					
12A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	7	100	100	20	67
12B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP					
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
13A	METALACHLOR II	7.80 E	1.500 lb/ac	PRE	0	93	97	60	100
13B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP					
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
14A	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE	0	0	100	60	100
14B	MON 12000	75.00 DF	0.032 lb/ac	MP					
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
LSD(.05) :					9	17	NS	32	5

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 20
 VARIETY : PIONEER 3342 IR

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.30 %
 DATE TREATED : PRE MAY 20
 MP JUNE 15

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3114 CORN JOHNSONGRASS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS ----		
					CRIN	SORHA	DIGSA
1A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	0	40	97
1B	ATRAZINE	4.00 L	1.500 lb/ac	PPI			
2A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	7	100	100
2B	ATRAZINE	4.00 L	1.500 lb/ac	PPI			
2C	NICOSULFURON	75.00 DF	0.031 lb/ac	12J			
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
3A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	7	83	93
3B	ATRAZINE	4.00 L	1.500 lb/ac	PPI			
3C	NICOSULFURON	75.00 DF	0.016 lb/ac	12J			
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
4A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	7	97	100
4B	ATRAZINE	4.00 L	1.500 lb/ac	PPI			
4C	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12J			
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
5A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	3	90	93
5B	ATRAZINE	4.00 L	1.500 lb/ac	PPI			
5C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	12J			
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
6A	ACETOCHLOR	6.40 E	1.800 lb/ac	PRE	0	100	100
6B	ATRAZINE	4.00 L	1.500 lb/ac	PRE			
6C	NICOSULFURON	75.00 DF	0.031 lb/ac	12J			
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
7A	ACETOCHLOR	6.40 E	1.600 lb/ac	PRE	10	83	93
7B	ATRAZINE	4.00 L	1.500 lb/ac	PRE			
7C	NICOSULFURON	75.00 DF	0.016 lb/ac	12J			
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
8A	NICOSULFURON	75.00 DF	0.031 lb/ac	12J	7	93	83
8B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
9A	NICOSULFURON	75.00 DF	0.016 lb/ac	12J	10	87	27
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
10A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12J	3	90	30
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C3114 CORN JOHNSONGRASS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS ----		
					CRIN	SORHA	DIGSA
11A	NICOSULFURON	75.00 DF	0.016 lb/ac	12J	10	87	27
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
12A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	12J	3	97	90
12B	NICOSULFURON	75.00 DF	0.016 lb/ac	12J			
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J			
13A	BROMOXYNIL	2.00 E	0.250 lb/ac	12J	13	90	27
13B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12J			
14A	BROMOXYNIL	2.00 E	0.250 lb/ac	12J	7	87	60
14B	NICOSULFURON	75.00 DF	0.016 lb/ac	12J			
LSD(.05) :					NS	8	22

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 20
 VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.20 %
 DATE TREATED : PRE MAY 20
 PPI MAY 20
 12J JUNE 14

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C2115 CORN JOHNSONGRASS MULTI-YEAR STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					GGGGG	SORHA	DIGSA	CHEAL
1A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y1	0	30	0	0
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
2A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y1	3	85	25	35
2B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
2C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y2				
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
3A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y1	8	95	20	20
3B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
3C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y2				
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
4A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y1	0	100	20	73
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
4C	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y2				
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
5A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y1	0	40	0	0
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
6A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y1	10	85	15	20
6B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
6C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y2				
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
7A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y1	3	93	20	40
7B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
7C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y2				
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
8A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y1	8	98	30	85
8B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
8C	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y2				
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
9A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y1	0	55	0	0
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE C2115 CORN JOHNSONGRASS MULTI-YEAR STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					GGGGG	SORHA	DIGSA	CHEAL
10A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y1	0	90	38	55
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
10C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y2				
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
11A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y1	5	95	5	50
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
11C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y2				
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
12A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y1	8	98	15	80
12B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
12C	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y2				
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
13A	NICOSULFURON	75.00 DF	0.031 lb/ac	Y1	0	55	0	0
13B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
14A	NICOSULFURON	75.00 DF	0.031 lb/ac	Y1	3	100	88	10
14B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
14C	NICOSULFURON	75.00 DF	0.031 lb/ac	Y2				
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
15A	NICOSULFURON	75.00 DF	0.031 lb/ac	Y1	3	88	75	48
15B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
15C	NICOSULFURON	75.00 DF	0.016 lb/ac	Y2				
15D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
16A	NICOSULFURON	75.00 DF	0.016 lb/ac	Y1	0	98	70	10
16B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
16C	NICOSULFURON	75.00 DF	0.016 lb/ac	Y2				
16D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
17A	NICOSULFURON	75.00 DF	0.021 lb/ac	Y1	0	95	78	5
17B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
17C	NICOSULFURON	75.00 DF	0.016 lb/ac	Y2				
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y2				
18	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100
				LSD(.05) :	7	20	10	27

LOCATION : PRINCETON
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : MAY 20
VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
60 P, 60 K, pH : 6.0 O.M. : 1.50 %
DATE TREATED : Y2 JUNE 15, 1992

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	SIDSP	ERICA
1A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	10	57	53	93
1B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	4WP				
1C	GLYPHOSATE	4.00 E	1.500 lb/ac	4WP				
2A	METOLACHLOR	8.00 E	1.330 lb/ac	4WP	13	80	77	97
2B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	4WP				
2C	GLYPHOSATE	4.00 E	1.500 lb/ac	4WP				
2D	METOLACHLOR	8.00 E	0.670 lb/ac	PRE				
3A	METOLACHLOR	8.00 E	2.000 lb/ac	2WP	0	83	87	100
3B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	2WP				
3C	GLYPHOSATE	4.00 E	1.500 lb/ac	2WP				
4A	METOLACHLOR	8.00 E	1.330 lb/ac	2WP	0	90	80	100
4B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	2WP				
4C	GLYPHOSATE	4.00 E	1.500 lb/ac	2WP				
4D	METOLACHLOR	8.00 E	0.670 lb/ac	PRE				
5A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	10	97	93	97
5B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	PRE				
5C	GLYPHOSATE	4.00 E	1.500 lb/ac	PRE				
6A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP	10	73	80	90
6B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	4WP				
6C	GLYPHOSATE	4.00 E	1.500 lb/ac	4WP				
7A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP	7	67	77	93
7B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	4WP				
7C	GLYPHOSATE	4.00 E	1.500 lb/ac	4WP				
7D	PENDIMETHALIN	3.30 EC	0.500 lb/ac	PRE				
8A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	2WP	3	83	87	100
8B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	2WP				
8C	GLYPHOSATE	4.00 E	1.500 lb/ac	2WP				
9A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	3	83	83	100
9B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	2WP				
9C	GLYPHOSATE	4.00 E	1.500 lb/ac	2WP				
9D	PENDIMETHALIN	3.30 EC	0.500 lb/ac	PRE				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	SIDSP	ERICA
10A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	10	93	90	97
10B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	PRE				
10C	GLYPHOSATE	4.00 E	1.500 lb/ac	PRE				
11A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	10	70	73	73
11B	CHLOR. + METRI. 1:6	75.00 DF	0.094 lb/ac	4WP				
11C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP				
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP				
11E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP				
11F	ACTIVATOR 90	0.00 WA	1.000 %	MP				
12A	CLOMAZONE	4.00 EC	1.000 lb/ac	4WP	3	70	43	100
12B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP				
12C	2,4-D ESTER	6.00 E	0.500 lb/ac	4WP				
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP				
13A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	7	100	83	97
13B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP				
13C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP				
13D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
13E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
13F	SUN-IT II	0.00 AD	0.750 qt/ac	MP				
14A	CLOMAZONE	4.00 EC	0.750 lb/ac	4WP	3	90	67	40
14B	F6285	75.00 DF	0.375 lb/ac	4WP				
14C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP				
14D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP				
15A	PENDIMETHALIN	3.30 EC	1.250 lb/ac	2WP	0	70	77	90
15B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP				
15C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
15D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
16A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	0	73	83	83
16B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP				
16C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
16D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	SIDSP	ERICA
17A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	7	80	80	57
17B	PENDIMETHALIN	3.30 EC	0.400 lb/ac	2WP				
17C	2,4-D ESTER	4.00 E	0.500 lb/ac	2WP				
17D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP				
18A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	7	93	93	93
18B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP				
18C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
18D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
18E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
18F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
19A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	10	100	97	90
19B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP				
19C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
19D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
19E	LACTOFEN	2.00 E	0.094 lb/ac	MP				
19F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
19G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
20A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE	13	100	93	90
20B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE				
20C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE				
20D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
20E	LACTOFEN	2.00 E	0.094 lb/ac	MP				
20F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
20G	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
21A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	2WP	17	97	93	57
21B	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP				
21C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP				
21D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
21E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
21F	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
22A	PENDAMETHALIN + IMAZ	2.33 EC	0.875 lb/ac	2WP	10	80	87	97
22B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	2WP				
22C	2,4-D ESTER	6.00 E	0.500 lb/ac	2WP				
22D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP				
22E	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE				
22F	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	SIDSP	ERICA
23A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	0	93	90	97
23B	IMAZAQUIN	70.00 DG	0.125 lb/ac	2WP				
23C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
23D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
23E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP				
23F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
24A	SAN 582H	7.50 EC	1.300 lb/ac	2WP	7	97	97	83
24B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	2WP				
24C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
24D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
24E	FOMESAFEN	2.00 LC	0.375 lb/ac	MP				
24F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
25A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	3	63	67	77
25B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP				
25C	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP				
25D	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP				
26A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	3	87	60	83
26B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP				
26C	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP				
26D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
27A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	47	50	33
27B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP				
27C	2,4-D ESTER	6.00 E	1.000 lb/ac	4WP				
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP				
28A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	3	73	63	100
28B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP				
28C	2,4-D ESTER	6.00 E	1.000 lb/ac	2WP				
28D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP				
29A	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	4WP	3	67	70	90
29B	GLYPHOSATE	4.00 E	1.000 lb/ac	4WP				
29C	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP				
30A	PENDIMETHALIN	3.30 EC	2.160 lb/ac	2WP	3	83	50	90
30B	GLYPHOSATE	4.00 E	1.000 lb/ac	2WP				
30C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
LSD(.05) :					8	19	30	33

LOCATION : PRINCETON
FERTILIZER APPLIED (LB/ACRE): 0 N,
DATE PLANTED : MAY 21
VARIETY : FLYER

SOIL TYPE : CRIDER SILT LOAM
0 P, 0 K, pH : 6.5 O.M. : 1.50 %
DATE TREATED : 4WP APRIL 23
2WP MAY 7
PRE MAY 20
MP JUNE 15

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	SETFA	CHEAL	ABUTH
1A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	0	97	67	70
1B	LACTOFEN	2.00 E	0.150 lb/ac	EP				
1C	CLETHODIM	2.00 EC	0.094 lb/ac	EP				
1D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP				
2A	LACTOFEN	2.00 E	0.150 lb/ac	EP	10	23	60	43
2B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP				
2C	LACTOFEN	2.00 E	0.250 lb/ac	LP				
2D	CLETHODIM	2.00 EC	0.094 lb/ac	LP				
2E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LP				
3A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	7	87	63	63
3B	LACTOFEN	2.00 E	0.100 lb/ac	EP				
3C	CLETHODIM	2.00 EC	0.094 lb/ac	EP				
3D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP				
4A	LACTOFEN	2.00 E	0.063 lb/ac	MP	10	77	77	90
4B	BENTAZON	4.00 E	0.500 lb/ac	MP				
4C	CLETHODIM	2.00 EC	0.125 lb/ac	MP				
4D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
5A	LACTOFEN	2.00 E	0.094 lb/ac	MP	10	83	80	90
5B	BENTAZON	4.00 E	0.500 lb/ac	MP				
5C	CLETHODIM	2.00 EC	0.125 lb/ac	MP				
5D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
6A	BENTAZON	4.00 E	0.500 lb/ac	MP	3	93	70	73
6B	CLETHODIM	2.00 EC	0.125 lb/ac	MP				
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
7A	LACTOFEN	2.00 E	0.063 lb/ac	MP	20	100	80	97
7B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
7D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
8A	LACTOFEN	2.00 E	0.094 lb/ac	MP	17	87	67	100
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
8D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	SETFA	CHEAL	ABUTH
9A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	10	90	80	93
9B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
9C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
10A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	3	87	93	100
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
10C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
11A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	3	97	60	60
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
11C	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
12A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	10	100	77	100
12B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
12D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
12E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
13A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	7	100	93	100
13B	IMAZETHAPYR	2.00 AS	0.125 lb/ac	MP				
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
13D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
13E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
14A	IMAZAQUIN + ACIFLUOR	2.50 AS	0.310 lb/ac	MP	0	93	63	27
14B	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
15A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	10	87	90	93
15B	BENTAZON	4.00 E	0.500 lb/ac	MP				
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
15D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
15E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
16A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	17	90	70	97
16B	CHLORIMURON	25.00 DF	0.006 lb/ac	MP				
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
16D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
16E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	SETFA	CHEAL	ABUTH
17A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	13	93	77	93
17B	LACTOFEN	2.00 E	0.094 lb/ac	MP				
17C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
17D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
18A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	13	100	83	100
18B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
18C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
18D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
18E	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
19A	FLUMICLORAC-PENTYL	0.86 EC	0.030 lb/ac	MP	7	100	93	100
19B	IMAZAQUIN	70.00 DG	0.063 lb/ac	MP				
19C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
19D	CLETHODIM	2.00 EC	0.094 lb/ac	+7D				
19E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
20	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PPI	3	97	63	57
21	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PPI	3	93	73	40
22	METOLACHLOR	8.00 E	1.870 lb/ac	PPI	0	77	33	0
23	METOLACHLOR	8.00 E	2.100 lb/ac	PPI	0	100	40	20
24	DE-498 + METALACHLOR	7.67 EC	1.920 lb/ac	PRE	0	100	73	40
25	DE-498 + METALACHLOR	7.67 EC	2.160 lb/ac	PRE	0	93	90	63
26	METOLACHLOR	8.00 E	1.870 lb/ac	PRE	0	93	63	0
27	METOLACHLOR	8.00 E	2.100 lb/ac	PRE	0	97	63	0
28	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	7	97	87	90
29	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	7	97	87	90

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	SETFA	CHEAL	ABUTH
30A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	13	100	97	100
30B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP				
30C	LACTOFEN	2.00 E	0.063 lb/ac	MP				
30D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
30E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
31A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	10	90	100	97
31B	BENTAZON	4.00 E	1.000 lb/ac	MP				
31C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
31D	SUN-IT II	0.00 AD	1.000 qt/ac	MP				
32A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	13	100	93	93
32B	BENTAZON	4.00 E	0.750 lb/ac	MP				
32C	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP				
32D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
33A	BENTAZON	4.00 E	0.750 lb/ac	MP	13	87	70	93
33B	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP				
33C	DASH	0.00 AD	1.000 qt/ac	MP				
33D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D				
33E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
34A	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP	10	93	73	83
34B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
34C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D				
34D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
35A	BENTAZON+ACIFLUOR. 2	3.67 E	0.750 lb/ac	MP	10	87	73	93
35B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
35C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D				
35D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
36A	BENTAZON	4.00 E	0.750 lb/ac	MP	13	90	93	97
36B	DPX M6316	25.00 DF	0.002 lb/ac	MP				
36C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
36D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
36E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D				
36F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	SETFA	CHEAL	ABUTH
37A	ACIFLUORFEN	2.00 L	0.375 lb/ac	MP	7	93	73	80
37B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
37C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D				
37D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
38A	ACIFLUORFEN	2.00 L	0.125 lb/ac	MP	23	80	90	90
38B	DPX M6316	25.00 DF	0.002 lb/ac	MP				
38C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
38D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
38E	SETHOXYDIM 2	1.00 E	0.125 lb/ac	+7D				
38F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
39A	ACIFLUORFEN	2.00 L	0.125 lb/ac	MP	10	97	67	73
39B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP				
39C	DASH	0.00 AD	0.500 qt/ac	MP				
39D	SUN-IT II	0.00 AD	0.750 qt/ac	MP				
39E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D				
39F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
40	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0
				LSD(.05) :	9	19	17	24

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 20
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
 DATE TREATED : PRE MAY 20
 PPI MAY 20
 EP JUNE 9
 MP JUNE 15
 +7D JUNE 23
 LP JULY 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3114 SOYBEAN GIANT RAGWEED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					GRIN	DIGSA	IPOHE	AMBTR
1A	LACTOFEN	2.00 E	0.200 lb/ac	LLP	20	63	83	93
1B	CLETHODIM	2.00 EC	0.094 lb/ac	LLP				
1C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP				
2A	BENTAZON	4.00 E	0.750 lb/ac	LLP	3	67	37	67
2B	CLETHODIM	2.00 EC	0.094 lb/ac	LLP				
2C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP				
3A	ACIFLUORFEN	2.00 L	0.750 lb/ac	LLP	10	100	93	70
3B	CLETHODIM	2.00 EC	0.094 lb/ac	LLP				
3C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP				
4A	CHLORIMURON	25.00 DF	0.010 lb/ac	LLP	10	90	63	50
4B	CLETHODIM	2.00 EC	0.094 lb/ac	LLP				
4C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP				
5A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	LLP	10	63	60	60
5B	CLETHODIM	2.00 EC	0.094 lb/ac	LLP				
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	LLP				
5D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP				
6A	FOMESAFEN	2.00 LC	0.375 lb/ac	LLP	7	90	73	83
6B	CLETHODIM	2.00 EC	0.094 lb/ac	LLP				
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	LLP				
7A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	7	97	57	67
7B	LACTOFEN	2.00 E	0.150 lb/ac	EP				
7C	CLETHODIM	2.00 EC	0.094 lb/ac	EP				
7D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP				
8A	LACTOFEN	2.00 E	0.150 lb/ac	EP	23	90	90	100
8B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP				
8C	LACTOFEN	2.00 E	0.250 lb/ac	MP				
8D	CLETHODIM	2.00 EC	0.094 lb/ac	MP				
8E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
9A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	10	97	43	67
9B	LACTOFEN	2.00 E	0.100 lb/ac	EP				
9C	CLETHODIM	2.00 EC	0.095 lb/ac	EP				
9D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3114 SOYBEAN GIANT RAGWEED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	IPOHE	AMBTR
10	F6285	75.00 DF	0.375 lb/ac	PRE	0	97	97	7
11	F6285	75.00 DF	0.375 lb/ac	PPI	0	70	80	7
12A	F6285	75.00 DF	0.375 lb/ac	PRE	0	100	60	33
12B	ALACHLOR 2	65.00 WDG	2.000 lb/ac	PRE				
LSD(.05) :					6	NS	NS	NS

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 20
 VARIETY : FLYER

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.3 O.M. : 1.50 %
 DATE TREATED : PRE MAY 20
 PPI MAY 20
 EP JUNE 9
 MP JUNE 15
 LLP JUNE 28

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE A3001 ESTABLISHED ALFALFA

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					-8 WEEKS AFTER APPLIED-				
					GGGGG	BBBBB	CRIN	AGRRE	RUMCR	ERIPH	CRIN	AGRRE	RUMCR	ERIPH
1A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	SPR	83	83	0	83	88	88	0	80	80	88
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	SPR										
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	SPR	88	80	0	88	75	90	0	88	60	85
2B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	SPR										
3A	IMAZETHAPYR	2.00 AS	0.094 lb/ac	SPR	90	83	0	90	95	63	0	90	95	83
3B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	SPR										
4A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	SPR	88	88	0	88	75	90	0	85	60	90
4B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
4C	SUN-IT II	0.00 AD	0.500 qt/ac	SPR										
5A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	SPR	90	90	0	90	100	88	0	90	100	88
5B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
5C	SUN-IT II	0.00 AD	0.500 qt/ac	SPR										
6A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	SPR	93	90	0	93	78	90	0	93	68	90
6B	BROMOXNYL	2.00 E	0.125 lb/ac	SPR										
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	SPR										
7A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	SPR	90	90	0	90	88	90	0	90	80	90
7B	BROMOXNYL	2.00 E	0.125 lb/ac	SPR										
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	SPR										
7D	SUN-IT II	0.00 AD	0.500 qt/ac	SPR										
8	CHECK (UNCULTIVATED)	0.00 CK	0.000	SPR	0	0	0	0	0	0	0	0	0	0
LSD(.05) :					5	6	NS	8	25	22	NS	9	40	5

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : 4/10/92
 VARIETY : BUFFALO

SOIL TYPE : MAURY SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 3.20 %
 DATE TREATED : SPR 3/30

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE A3002 SEEDLING ALFALFA POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	ABUTH	RUMCR	CRIN	SETFA	AMACH	ABUTH	RUMCR
1A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	3TR	93	93	10	93	100	100	97	0	93	97	100	97
1B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR												
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR	97	90	13	100	100	100	97	3	93	97	100	90
2B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR												
3A	IMAZETHAPYR	2.00 AS	0.094 lb/ac	3TR	100	97	20	100	100	100	93	10	97	97	100	87
3B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR												
4A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	3TR	100	97	10	100	100	100	100	0	100	100	100	97
4B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
4C	SUN-IT II	0.00 AD	0.500 qt/ac	3TR												
5A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR	97	93	23	97	100	100	97	7	97	97	100	97
5B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
5C	SUN-IT II	0.00 AD	0.500 qt/ac	3TR												
6A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR	93	97	10	93	100	100	100	3	93	93	100	93
6B	BROMOXYNIL	2.00 E	0.125 lb/ac	3TR												
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR												
7A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR	97	97	7	97	100	100	97	0	93	90	100	97
7B	BROMOXYNIL	2.00 E	0.125 lb/ac	3TR												
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
7D	SUN-IT II	0.00 AD	0.500 qt/ac	3TR												
8A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	67	0	0	67	0	0	0	0	63	0	0	0
8B	SUN-IT II	0.00 AD	1.000 qt/ac	3TR												
9A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	100	90	20	100	100	100	100	7	100	97	100	90
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR												
9C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR												
9D	SUN-IT II	0.00 AD	0.500 qt/ac	3TR												
10	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
				LSD(.05) :	32	7	9	32	NS	NS	7	6	31	8	NS	8

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3001 MULTI-CROP SCREENING STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----7 DAYS AFTER APPLICATION-----										
					CRIN	CRIN	XANST	DATST	ABUTH	AMACH	AMARE	CHEAL	PHBPU	IPOHE	SOLPT
1	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
2A	DICAMBA + ATRAZINE	3.20 L	1.430 lb/ac	MP	15	5	100	100	100	100	100	100	100	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
3A	BENTAZON + ATRAZINE	3.30 L	1.000 lb/ac	MP	0	0	100	95	95	45	45	95	95	95	25
3B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
4A	UMP 488	30.00 DF	0.071 lb/ac	MP	10	5	75	95	85	95	95	95	95	95	60
4B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP											
4C	GENAPOL	0.00 WA	0.100 %	MP											
4D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
5A	UMP 488	30.00 DF	0.112 lb/ac	MP	10	10	95	100	95	100	100	100	100	100	100
5B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP											
5C	GENAPOL	0.00 WA	0.100 %	MP											
5D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
6A	UMP 488	30.00 DF	0.071 lb/ac	MP	5	0	85	100	85	100	100	100	100	100	100
6B	ATRAZINE	90.00 WDG	0.375 lb/ac	MP											
6C	GENAPOL	0.00 WA	0.100 %	MP											
6D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
7A	UMP 488	30.00 DF	0.071 lb/ac	MP	5	5	95	100	85	100	100	100	100	100	100
7B	ATRAZINE	90.00 WDG	0.750 lb/ac	MP											
7C	GENAPOL	0.00 WA	0.100 %	MP											
7D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
8A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	0	40	75	45	65	65	55	65	65	40
8B	GENAPOL	0.00 WA	0.100 %	MP											
8C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
9A	ATRAZINE	90.00 WDG	0.500 lb/ac	MP	0	0	80	95	85	100	100	95	90	90	85
9B	GENAPOL	0.00 WA	0.100 %	MP											
9C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
10A	UMP 488	2.15 EC	0.071 lb/ac	MP	10	10	95	100	85	100	100	100	100	100	95
10B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP											
10C	GENAPOL	0.00 WA	0.100 %	MP											
10D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3001 MULTI-CROP SCREENING STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----7 DAYS AFTER APPLICATION-----										
					CRIN	CRIN	XANST	DATST	ABUTH	AMACH	AMARE	CHEAL	PHBPU	IPOHE	SOLPT
11A	UMP 488	30.00 DF	0.071 lb/ac	MP	5	0	100	100	85	100	100	100	100	100	90
11B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP											
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP											
11D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
12A	UMP 488/2,4-D	2.11 E	0.146 lb/ac	MP	20	10	100	100	95	100	100	100	100	100	100
12B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP											
13A	UMP 488/ATRAZINE	62.50 DF	0.556 lb/ac	MP	15	10	100	100	100	100	100	100	100	100	100
13B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP											
13C	GENAPOL	0.00 WA	0.100 %	MP											
14A	ATRAZINE	90.00 WDG	0.556 lb/ac	MP	10	5	100	100	100	100	100	100	100	100	100
14B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP											
14C	GENAPOL	0.00 WA	0.100 %	MP											
15	BROMOXYNIL	2.00 E	0.360 lb/ac	MP	0	0	95	95	95	75	75	90	90	90	65
16A	METRIBUZIN 1	75.00 DF	0.090 lb/ac	MP	30	25	100	100	100	100	100	95	95	95	30
16B	2,4-D ESTER	4.00 E	0.170 lb/ac	MP											
17A	ATRAZINE	90.00 WDG	1.161 lb/ac	MP	0	0	90	100	70	100	100	100	95	95	95
17B	OIL CONCENTRATE	0.00 AD	0.800 qt/ac	MP											
18A	UMP 488	2.15 EC	0.085 lb/ac	MP	30	25	100	100	100	85	85	100	90	90	65
18B	2,4-D ESTER	4.00 E	0.134 lb/ac	MP											
18C	GENAPOL	0.00 WA	0.100 %	MP											
18D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
19A	UMP 488/2,4-D	2.11 E	0.219 lb/ac	MP	25	15	95	100	85	95	95	100	90	90	65
19B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
20A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	0	55	85	70	70	70	85	70	70	20
20B	GENAPOL	0.00 WA	0.100 %	MP											
20C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
21A	2,4-D ESTER	4.00 E	0.134 lb/ac	MP	10	5	100	70	90	75	75	95	90	90	20
21B	GENAPOL	0.00 WA	0.100 %	MP											
21C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP											
			LSD(.05) :		16	14	18	15	20	14	14	18	10	10	46

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 12
VARIETY :

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 3.40 %
DATE TREATED : MP JUNE 7

1
2
3
4
5
6
7
8
9
10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3001 MULTI-CROP SCREENING STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----21 DAYS AFTER APPLICATION-----									
					CRIN	XANST	DATST	ABUTH	AMACH	AMARE	CHEAL	PHBPU	IPOHE	SOLPT
1	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0
2A	DICAMBA + ATRAZINE	3.20 L	1.430 lb/ac	MP	0	100	100	100	100	100	100	100	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
3A	BENTAZON + ATRAZINE	3.30 L	1.000 lb/ac	MP	0	100	95	95	20	20	95	95	95	15
3B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
4A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	75	95	65	95	95	95	95	95	60
4B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
4C	GENAPOL	0.00 WA	0.100 %	MP										
4D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
5A	UMP 488	30.00 DF	0.112 lb/ac	MP	0	90	100	80	95	95	100	100	100	100
5B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
5C	GENAPOL	0.00 WA	0.100 %	MP										
5D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
6A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	80	100	60	100	100	100	100	100	100
6B	ATRAZINE	90.00 WDG	0.375 lb/ac	MP										
6C	GENAPOL	0.00 WA	0.100 %	MP										
6D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
7A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	55	100	100	100	100	100	100
7B	ATRAZINE	90.00 WDG	0.750 lb/ac	MP										
7C	GENAPOL	0.00 WA	0.100 %	MP										
7D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
8A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	30	70	30	45	45	50	50	50	40
8B	GENAPOL	0.00 WA	0.100 %	MP										
8C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
9A	ATRAZINE	90.00 WDG	0.500 lb/ac	MP	0	80	95	60	95	95	95	90	90	85
9B	GENAPOL	0.00 WA	0.100 %	MP										
9C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
10A	UMP 488	2.15 EC	0.071 lb/ac	MP	0	95	100	75	100	100	100	100	100	95
10B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
10C	GENAPOL	0.00 WA	0.100 %	MP										
10D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3001 MULTI-CROP SCREENING STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----21 DAYS AFTER APPLICATION-----									
					CRIN	XANST	DATST	ABUTH	AMACH	AMARE	CHEAL	PHBPU	IPOHE	SOLPT
11A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	95	100	70	100	100	100	100	100	90
11B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
11D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
12A	UMP 488/2,4-D	2.11 E	0.146 lb/ac	MP	0	95	100	85	100	100	100	100	100	100
12B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
13A	UMP 488/ATRAZINE	62.50 DF	0.556 lb/ac	MP	0	100	100	100	100	100	100	100	100	100
13B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP										
13C	GENAPOL	0.00 WA	0.100 %	MP										
14A	ATRAZINE	90.00 WDG	0.556 lb/ac	MP	0	100	100	100	100	100	100	100	100	100
14B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP										
14C	GENAPOL	0.00 WA	0.100 %	MP										
15	BROMOXYNIL	2.00 E	0.360 lb/ac	MP	0	95	95	95	50	50	85	80	80	45
16A	METRIBUZIN 1	75.00 DF	0.090 lb/ac	MP	5	100	100	100	100	100	95	95	95	15
16B	2,4-D ESTER	4.00 E	0.170 lb/ac	MP										
17A	ATRAZINE	90.00 WDG	1.161 lb/ac	MP	0	90	100	50	100	100	100	95	95	95
17B	OIL CONCENTRATE	0.00 AD	0.800 qt/ac	MP										
18A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	100	100	90	70	70	100	80	80	65
18B	2,4-D ESTER	4.00 E	0.134 lb/ac	MP										
18C	GENAPOL	0.00 WA	0.100 %	MP										
18D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
19A	UMP 488/2,4-D	2.11 E	0.219 lb/ac	MP	0	95	100	85	75	75	100	90	90	65
19B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
20A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	35	85	40	50	50	65	50	50	15
20B	GENAPOL	0.00 WA	0.100 %	MP										
20C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
21A	2,4-D ESTER	4.00 E	0.134 lb/ac	MP	0	100	70	90	60	60	95	90	90	15
21B	GENAPOL	0.00 WA	0.100 %	MP										
21C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
LSD(.05) :					NS	16	16	25	14	14	15	11	11	45

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 12
VARIETY :

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 3.40 %
DATE TREATED : MP JUNE 7

1
2
3
4
5
6
7
8
9
10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3001 MULTI-CROP SCREENING STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----49 DAYS AFTER APPLICATION-----									
					CRIN	XANST	DATST	ABUTH	AMACH	AMARE	CHEAL	PH3PU	IPOHE	SOLPT
1	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0
2A	DICAMBA + ATRAZINE	3.20 L	1.430 lb/ac	MP	0	100	100	100	100	100	100	100	100	100
2B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
3A	BENTAZON + ATRAZINE	3.30 L	1.000 lb/ac	MP	0	100	95	95	10	10	95	95	95	10
3B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
4A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	65	95	55	95	95	95	95	95	55
4B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
4C	GENAPOL	0.00 WA	0.100 %	MP										
4D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
5A	UMP 488	30.00 DF	0.112 lb/ac	MP	0	85	100	70	95	90	100	100	100	100
5B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
5C	GENAPOL	0.00 WA	0.100 %	MP										
5D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
6A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	75	100	45	100	100	100	100	100	100
6B	ATRAZINE	90.00 WDG	0.375 lb/ac	MP										
6C	GENAPOL	0.00 WA	0.100 %	MP										
6D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
7A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	85	100	40	100	100	100	100	100	100
7B	ATRAZINE	90.00 WDG	0.750 lb/ac	MP										
7C	GENAPOL	0.00 WA	0.100 %	MP										
7D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
8A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	10	65	15	35	35	35	35	35	30
8B	GENAPOL	0.00 WA	0.100 %	MP										
8C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
9A	ATRAZINE	90.00 WDG	0.500 lb/ac	MP	0	70	90	40	90	90	95	85	80	75
9B	GENAPOL	0.00 WA	0.100 %	MP										
9C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
10A	UMP 488	2.15 EC	0.071 lb/ac	MP	0	90	100	65	100	100	100	100	100	95
10B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
10C	GENAPOL	0.00 WA	0.100 %	MP										
10D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE S3001 MULTI-CROP SCREENING STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----49 DAYS AFTER APPLICATION-----									
					CRIN	XANST	DATST	ABUTH	AMACH	AMARE	CHEAL	PHBPU	IPOHE	SOLPT
11A	UMP 488	30.00 DF	0.071 lb/ac	MP	0	90	100	60	100	100	100	100	100	90
11B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP										
11D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
12A	UMP 488/2,4-D	2.11 E	0.146 lb/ac	MP	0	90	100	75	100	100	100	100	100	100
12B	ATRAZINE	90.00 WDG	0.500 lb/ac	MP										
13A	UMP 488/ATRAZINE	62.50 DF	0.556 lb/ac	MP	0	100	100	100	100	100	100	100	100	100
13B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP										
13C	GENAPOL	0.00 WA	0.100 %	MP										
14A	ATRAZINE	90.00 WDG	0.556 lb/ac	MP	0	100	100	100	100	100	100	100	100	100
14B	2,4-D ESTER	4.00 E	0.089 lb/ac	MP										
14C	GENAPOL	0.00 WA	0.100 %	MP										
15	BROMOXYNIL	2.00 E	0.360 lb/ac	MP	0	95	95	95	35	35	80	70	70	30
16A	METRIBUZIN 1	75.00 DF	0.090 lb/ac	MP	0	100	100	100	100	100	95	90	90	5
16B	2,4-D ESTER	4.00 E	0.170 lb/ac	MP										
17A	ATRAZINE	90.00 WDG	1.161 lb/ac	MP	0	85	100	30	100	100	100	95	95	95
17B	OIL CONCENTRATE	0.00 AD	0.800 qt/ac	MP										
18A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	100	100	85	65	65	100	75	75	60
18B	2,4-D ESTER	4.00 E	0.134 lb/ac	MP										
18C	GENAPOL	0.00 WA	0.100 %	MP										
18D	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
19A	UMP 488/2,4-D	2.11 E	0.219 lb/ac	MP	0	90	100	80	65	65	100	80	80	60
19B	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
20A	UMP 488	2.15 EC	0.085 lb/ac	MP	0	25	80	30	40	40	50	35	40	5
20B	GENAPOL	0.00 WA	0.100 %	MP										
20C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
21A	2,4-D ESTER	4.00 E	0.134 lb/ac	MP	0	100	60	85	50	50	90	85	90	0
21B	GENAPOL	0.00 WA	0.100 %	MP										
21C	LIQUID FERTILIZER	0.00 AD	3.000 qt/ac	MP										
LSD(.05) :					NS	26	24	28	17	17	15	17	15	49

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 12
VARIETY :

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 3.40 %
DATE TREATED : MP JUNE 7

1
2
3
4
5
6
7
8
9
10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE T3001 BURLEY TOBACCO

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	SOLPT	AMACH	ABUTH
1	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	97	90	0	93	93	93	97	97
2	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	97	93	0	97	93	97	93	100
3A	PENDIMETHALIN	3.30 EC	0.750 lb/ac	PPI	97	87	0	97	97	93	90	100
3B	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI								
4A	PENDIMETHALIN	3.30 EC	0.500 lb/ac	PPI	97	90	0	97	97	93	90	100
4B	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI								
5A	PENDIMETHALIN	3.30 EC	0.750 lb/ac	PPI	100	100	0	100	100	100	100	100
5B	CLOMAZONE	4.00 EC	0.750 lb/ac	POT								
6A	F6285	75.00 DF	0.375 lb/ac	PPI	97	93	0	97	100	97	97	100
6B	CLOMAZONE	4.00 EC	0.500 lb/ac	PPI								
7A	F6285	75.00 DF	0.375 lb/ac	PPI	97	93	0	97	100	97	90	100
7B	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI								
8A	F6285	75.00 DF	0.375 lb/ac	PPI	93	93	0	93	100	100	97	97
8B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	PPI								
9A	F6285	75.00 DF	0.375 lb/ac	PRE	93	97	0	93	100	100	100	100
9B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	PRE								
10A	F6285	75.00 DF	0.375 lb/ac	PRE	100	100	0	100	100	100	100	100
10B	PENDIMETHALIN	3.30 EC	0.750 lb/ac	PRE								
11A	F6285	75.00 DF	0.375 lb/ac	PPI	93	97	0	93	100	100	93	97
11B	PENDIMETHALIN	3.30 EC	0.750 lb/ac	PPI								
12	F6285	75.00 DF	0.500 lb/ac	PPI	93	90	0	93	100	97	93	97
13	F6285	75.00 DF	0.500 lb/ac	PRE	100	100	0	100	100	100	100	100
14	FONOFOS + PEBULATE	5.00 EC	5.000 lb/ac	PPI	90	80	0	90	87	90	83	93
15A	F6285	75.00 DF	0.500 lb/ac	PPI	100	97	0	100	100	100	100	97
15B	NAPROPAMIDE	50.00 DF	1.000 lb/ac	PPI								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1993

TABLE T3001 BURLEY TOBACCO

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	SOLPT	AMACH	ABUTH
16A	FONOFOS + PEBULATE	5.00 EC	5.000 lb/ac	PPI	97	90	0	97	93	90	93	100
16B	NAPROPAMIDE	50.00 DF	1.000 lb/ac	POT								
17	NAPROPAMIDE	50.00 DF	1.000 lb/ac	PPI	93	90	0	93	93	90	97	93
18	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0
LSD(.05) :					8	9	NS	8	8	6	9	5

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 21
 VARIETY : TN 90

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 21
 PPI MAY 21
 POT MAY 21