

Herbicide Evaluation Trials - 1992

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(Not for Publication)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.

Randy Wells and **Mark Cole**, 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, **Troy Klingaman**, **Brent Jacobson** and **Glen Murphy**, graduate research assistants, who made significant contributions in conducting 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 **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	
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.(C2001)	19
2. Preplant Incorporated (C2002)	21
3. Preplant and Postemergence -First Evaluation (C2016)	23
4. Preplant and Postemergence -Second Evaluation (C2016)	26
5. Postemergence -First Evaluation (C2003)	29
6. Postemergence -Second Evaluation (C2003)	34
7. Postemergence II -First Evaluation (C2009)	39
8. Postemergence II -Second Evaluation (C2009)	42
9. Postemergence III -First Evaluation (C2010)	45
10. Postemergence III -Second Evaluation (C2010)	47
11. Postemergence IV -First Evaluation (C2011)	49
12. Postemergence IV -Second Evaluation (C2011)	52
13. Postemergence V -First Evaluation (C2012)	55
14. Postemergence V -Second Evaluation (C2012)	56
15. No-till Stalkland (C2004)	57
16. No-till Stalkland II (C2005)	62
17. No-till in Fescue Sod (C2008)	64
18. No-till Early Preplant (C2006)	66
VI. SOYBEAN WEED CONTROL — LEXINGTON	
A. Control of Grasses and Broadleaf Species	
19. Preemergence (S2011)	69
20. PRE & PPI -First Evaluation (S2031)	73
21. PRE & PPI -Second Evaluation (S2031)	74
22. Preplant Incorporated -First Evaluation (S2013)	75
23. Preplant Incorporated -Second Evaluation (S2013)	78
24. Postemergence (S2014)	81
25. Postemergence II (S2027)	87
26. Postemergence III -First Evaluation (S2033)	89
27. Postemergence III -Second Evaluation (S2033)	95
28. Postemergence III -Third Evaluation (S2033)	101
29. Postemergence IV (S2022)	107
30. Postemergence V -First Evaluation (S2034)	109
31. Postemergence V -Second Evaluation (S2034)	114
32. Postemergence VI (S2024)	119
33. Postemergence VII (S2025)	121
34. Postemergence IX (S2023)	123
35. Postemergence X (S2032)	124

36. Postemergence XI (S2050)	126
37. Velvetleaf Control -First Evaluation (S2030)	128
38. Velvetleaf Control -Second Evaluation (S2030)	135
39. No-till Early Preplant - First Evaluation (S2017)	142
40. No-till Early Preplant - Second Evaluation (S2017)	147
41. Minimum Till Early Preplant -First Evaluation (S2018)	152
42. No-till Early Preplant II -First Evaluation (S2019)	157
43. No-till Early Preplant II -Second Evaluation (S2019)	160
44. Minimum Till Early Preplant II -First Evaluation (S2020)	163
45. Minimum Till Early Preplant II -Second Evaluation (S2020)	166
46. No-till Full Season -First Evaluation (S2035)	169
47. No-till Full Season -Second Evaluation (S2035)	177
48. Minimum Till Full Season -First Evaluation (S2036)	185
49. Minimum Till Full Season -Second Evaluation (S2036)	193
50. No-till Double Crop -First Evaluation (S2016)	201
51. No-till Double Crop -Second Evaluation (S2016)	203

VII. CORN WEED CONTROL — PRINCETON

52. No-till Early Preplant (C2106)	205
A. Specific Weed Species	
53. Johnsongrass Control Preplant Incorporated (C2113)	207
54. Johnsongrass Control Postemergence (C2114)	208
55. Johnsongrass Control in Corn with Pursuit (C2116)	211
56. Johnsongrass Control in Corn with Pursuit II (C2111)	213
57. Johnsongrass Control in Corn with Accent & Beacon (C2112)	214
58. Johnsongrass Multi-year Study (C2115)	217

VIII. SOYBEAN WEED CONTROL — PRINCETON

59. No-till Early Preplant (S2117)	220
A. Specific Weed Species	
60. Johnsongrass Postemergence (S2103)	224
61. Velvetleaf Control (S2112)	228
62. Morningglory Control (S2114)	233

IX. ALFALFA WEED CONTROL — PRINCETON

63. Alfalfa Postemergence (A2001)	238
---	-----

X. BURLEY TOBACCO WEED CONTROL — LEXINGTON

64. Burley Tobacco (T2025)	240
----------------------------------	-----

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
AMACH	Smooth Pigweed	Amaranthus hybridus
AMBEL	Common Ragweed	Ambrosia artemisiifolia
AMBTR	Giant Ragweed	Ambrosia trifida
CHEAL	Common Lambsquarters	Chenopodium album
DATST	Jimsonweed	Datura stramonium
DIGSA	Large Crabgrass	Digitaria sanguinalis
FESAR	Tall Fescue	Festuca arundinacea
HPPVU	Marestail	Hippuris vulgaris
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
TRZAX	Wheat	Triticum aestivum
XANST	Common cocklebur	Xanthium pensylvanicum
ZEAMX	Com	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

II. ABBREVIATIONS

D. Herbicide Application Times in Reference to Crop or Weed

1. PPI -PREPLANT INCORPORATED
2. PP1 -PREPLANT INCORPORATED; ONE PASS
3. PP2 -PREPLANT INCORPORATED; TWO PASSES
4. PRE -PREEMERGENCE
5. LPR -LATE PREEMERGENCE
6. EPP -EARLY PREPLANT; 3-4 WEEKS BEFORE PLANTING
7. POD -POSTEMERGENCE DIRECTED
8. POT -POST TRANSPLANT APPLICATION
9. EP -EARLY POSTEMERGENCE; WEEDS < 2"
10. MP -MID-POSTEMERGENCE; WEEDS 2-4"
11. LP -LATE POSTEMERGENCE; WEEDS 4-6"
12. LLP -LATE LATE POSTEMERGENCE; WEEDS > 6"
13. 3LF -THREE LEAF STAGE OF WEED SPECIES
14. 4LF -FOUR LEAF STAGE OF WEED SPECIES
15. 7LF -SEVEN LEAF STAGE OF WEED SPECIES
16. +1H -TREATMENT APPLIED 1 HOUR AFTER FIRST APPLICATION
17. +7D -SEQUENTIAL TREATMENT APPLIED 7 DAYS AFTER FIRST APPLICATION
18. +14 -SEQUENTIAL TREATMENT APPLIED 14 DAYS AFTER FIRST APPLICATION
19. 21D -SEQUENTIAL TREATMENT APPLIED 21 DAYS AFTER PLANTING
20. +2W -TREATMENT APPLIED TWO WEEKS AFTER FIRST APPLICATION OR PLANTING
21. 2WP -TREATMENT APPLIED TWO WEEKS PRIOR TO PLANTING
22. 4WP - EPP -TREATMENT APPLIED FOUR WEEKS PRIOR TO PLANTING
JOHNSONGRASS -TREATMENT APPLIED FOUR WEEKS AFTER PLANTING
23. 2" -TWO INCH WEED SPECIES
24. 3" -THREE INCH WEED SPECIES
25. 4" -FOUR INCH WEED SPECIES
26. 4"G -TREATMENT APPLIED TO FOUR INCH GRASS
27. 6" -SIX INCH WEED SPECIES
28. 6"G -TREATMENT APPLIED TO SIX INCH GRASS
29. 6"S -SIX INCH FESCUE SOD
30. 8" -EIGHT INCH WEED SPECIES
31. 12" -TWELVE INCH WEED SPECIES
32. 16" -SIXTEEN INCH WEED SPECIES
33. 24" -TWENTY-FOUR INCH WEED SPECIES
34. 8J -TREATMENT APPLIED TO EIGHT INCH JOHNSONGRASS
35. 12J -TREATMENT APPLIED TO TWELVE INCH JOHNSONGRASS
36. 18J -TREATMENT APPLIED TO EIGHTEEN INCH JOHNSONGRASS
37. 24J -TREATMENT APPLIED TO TWENTY-FOUR INCH JOHNSONGRASS
38. INF -INSECTICIDE TREATMENT APPLIED IN FURROW
39. TBN -T-BANDED INSECTICIDE TREATMENT
40. Y1 -TREATMENT APPLIED FIRST YEAR OF A MULTI-YEAR STUDY
41. Y2 -TREATMENT APPLIED SECOND YEAR OF A MULTI-YEAR STUDY

III. A. April Climatological Data, Spindletop

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
04-01-92	42	32	.11	100	61	50	46	51	41	..
04-02-92	47	30	.10	100	58	49	43	48	36	..
04-03-92	45	22	-1.00	93	48	46	40	45	34	..
04-04-92	49	28	.20	100	65	44	42	45	38	..
04-05-92	54	27	-1.00	100	40	47	41	57	34	..
04-06-92	63	32	.00	95	35	48	45	54	36	..
04-07-92	66	49	-1.00	82	52	55	47	62	45	..
04-08-92	69	49	-1.00	100	38	57	53	64	48	..
04-09-92	76	52	.00	89	53	58	53	65	49	..
04-10-92	77	61	.00	87	46	58	54	67	50	..
04-11-92	80	52	.00	95	53	60	55	71	52	..
04-12-92	75	43	.00	95	54	62	57	70	52	..
04-13-92	61	43	.00	95	37	58	53	65	44	..
04-14-92	70	42	.00	80	38	56	53	68	47	..
04-15-92	72	47	.36	100	73	58	54	65	51	.07
04-16-92	80	49	.26	100	52	61	56	68	58	.15
04-17-92	75	58	.22	100	57	62	61	67	57	.09
04-18-92	80	59	-1.00	100	55	63	59	70	56	.22
04-19-92	80	60	.00	88	51	64	60	69	57	.22
04-20-92	80	61	.26	100	55	65	62	69	59	.05
04-21-92	75	47	.41	100	53	65	59	61	50	.08
04-22-92	68	40	.00	98	41	60	59	62	50	.13
04-23-92	79	51	.00	78	42	65	57	71	51	.18
04-24-92	75	52	.00	79	57	66	61	72	58	.17
04-25-92	51	41	.01	100	69	62	57	59	51	.07
04-26-92	51	41	.04	100	70	57	55	57	49	.06
04-27-92	48	41	.27	100	93	55	53	55	48	.06
04-28-92	58	36	.13	100	43	59	51	63	44	.08
04-29-92	63	38	.00	84	46	60	52	64	45	.11
04-30-92	73	49	.05	97	45	64	55	69	51	.15

Summarized data from 04-01-92 to 04-30-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP				TOTAL EVAP
MAX	MIN		MAX	MIN	GRASS		BARE		
MAX	MIN	PRECIP	MAX	MIN	MAX	MIN	MAX	MIN	EVAP
66	44	2.42	94	53	58	53	62	48	1.89

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. May Climatological Data, Spindletop

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
05-01-92	81	49	.00	94	44	66	58	73	53	.17
05-02-92	79	49	.24	99	66	67	61	73	60	.15
05-03-92	71	48	.27	95	30	66	61	71	57	.19
05-04-92	61	38	.01	100	51	62	57	66	50	.11
05-05-92 E	52	37	.10	100	75	58	55	59	49	.16
05-06-92	56	41	.01	97	67	59	54	60	48	.09
05-07-92	65	42	.06	97	43	61	54	67	48	.12
05-08-92	64	45	.54	100	60	58	55	56	52	.09
05-09-92	64	45	.15	97	78	58	54	61	52	.14
05-10-92	78	49	.00	97	51	66	55	74	53	.21
05-11-92	81	55	.00	91	41	70	60	77	57	.21
05-12-92	80	60	.16	100	52	69	63	75	60	.26
05-13-92	76	59	.00	100	73	69	64	73	62	.17
05-14-92	79	50	.00	95	65	71	63	77	59	.13
05-15-92	79	53	.03	93	57	73	65	78	62	.11
05-16-92	82	55	.00	95	64	74	66	80	63	.12
05-17-92	82	62	.00	95	66	73	68	80	66	.15
05-18-92	82	64	.14	100	83	72	69	75	68	.10
05-19-92	75	61	.00	100	84	72	68	75	67	.10
05-20-92	80	56	.00	100	68	74	67	79	65	.15
05-21-92	81	57	.00	94	41	76	68	84	66	.11
05-22-92	82	57	.00	95	53	76	68	85	66	.11
05-23-92	81	55	.00	95	69	73	68	80	66	.14
05-24-92	74	50	.06	100	86	71	64	72	60	.18
05-25-92	63	37	.00	96	62	76	60	72	54	.13
05-26-92	64	48	.00	94	56	67	62	73	59	.18
05-27-92	65	42	.01	97	57	66	61	72	58	.11
05-28-92	68	48	.00	93	46	68	60	72	58	.16
05-29-92	69	50	1.44	96	50	65	60	72	58	.17
05-30-92	69	53	.19	96	73	62	60	61	56	.09
05-31-92	68	48	.00	100	55	63	60	63	54	.14

Summarized data from 05-01-92 to 05-31-92 follows:

	AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP				TOTAL EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
E	73	50	3.41	97	60	68	62	72	58	4.45

E indicates estimated data by NWS.

III. A. June Climatological Data, Spindletop

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
						MAX	MIN	MAX	MIN	
06-01-92	72	44	.00	100	44	66	60	71	54	.13
06-02-92	75	48	.00	100	40	68	64	80	56	.28
06-03-92	77	53	.11	100	54	68	64	70	56	.13
06-04-92	71	54	1.23	100	63	70	65	76	63	.05
06-05-92	78	54	.25	100	63	70	66	76	63	.14
06-06-92	84	60	.02	100	49	73	68	82	64	.30
06-07-92	78	68	.24	100	82	75	70	76	66	.19
06-08-92	78	66	.00	100	75	73	70	78	67	.19
06-09-92	76	62	.05	100	61	73	70	78	64	.23
06-10-92	76	54	.00	96	41	74	69	78	60	.23
06-11-92	75	59	.00	82	54	74	70	76	61	.23
06-12-92	80	59	.00	100	58	73	69	81	62	.16
06-13-92	72	60	-1.00	100	58	76	70	81	64	.13
06-14-92	77	61	.04	100	67	74	71	78	65	.09
06-15-92	82	61	.01	100	64	74	71	78	64	.25
06-16-92	87	64	.00	100	52	76	72	86	66	.20
06-17-92	87	75	.00	96	60	77	73	87	70	.15
06-18-92	79	64	1.53	100	61	77	72	80	69	.17
06-19-92	79	65	.24	100	57	75	71	80	66	.24
06-20-92	78	55	.00	100	68	76	71	80	62	.23
06-21-92	72	51	.00	100	44	73	69	76	60	.17
06-22-92	70	44	.00	100	49	72	66	79	58	.15
06-23-92	76	62	.05	95	45	73	70	76	67	.19
06-24-92	83	62	.17	100	55	74	69	83	62	.24
06-25-92	84	66	.00	96	42	77	72	84	67	.24
06-26-92	82	64	.00	100	50	77	73	86	68	.17
06-27-92	79	52	.00	100	43	75	70	84	62	.20
06-28-92	80	52	.00	100	37	76	70	86	62	.23
06-29-92	86	60	.00	100	55	77	73	88	68	.25
06-30-92	87	66	.07	100	67	77	74	88	70	.21

Summarized data from 06-01-92 to 06-30-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP				TOTAL EVAP
MAX	MIN		MAX	MIN	GRASS		BARE		
					MAX	MIN	MAX	MIN	
79	59	4.01	99	55	74	69	80	64	5.77

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. July Climatological Data, Spindletop

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
						MAX	MIN	MAX	MIN	
07-01-92	84	69	.16	100	62	77	74	84	70	.21
07-02-92	88	67	.00	100	60	78	74	86	69	.21
07-03-92	87	67	.37	100	68	79	74	86	69	.19
07-04-92	81	57	.00	100	47	78	72	84	64	.24
07-05-92	83	66	.69	100	67	78	74	83	68	.21
07-06-92	79	62	.20	100	45	78	73	80	67	.22
07-07-92	78	55	.00	100	50	78	73	78	64	.16
07-08-92	88	69	.02	100	67	76	73	80	66	.24
07-09-92	90	70	.21	96	66	79	75	87	71	.28
07-10-92	88	74	.00	100	55	80	77	84	72	.23
07-11-92	88	68	.16	100	58	80	76	84	70	.28
07-12-92	89	69	.39	100	54	82	76	84	72	.29
07-13-92	90	73	.00	100	54	80	76	85	72	.27
07-14-92	87	74	.00	89	65	82	76	86	75	.26
07-15-92	82	68	.00	92	66	81	76	85	76	.20
07-16-92	87	64	2.05	100	56	81	74	84	73	.26
07-17-92	80	68	.02	100	81	76	75	74	70	.17
07-18-92	84	65	.00	100	58	76	74	80	68	.27
07-19-92	85	61	.57	100	57	77	74	81	68	.20
07-20-92	87	66	.02	100	56	76	75	82	68	.24
07-21-92	87	67	.02	100	70	79	76	82	70	.22
07-22-92	87	67	.00	100	61	80	76	84	72	.23
07-23-92	84	67	.61	100	80	80	78	82	72	.17
07-24-92	85	72	-1.00	100	70	80	77	82	72	.24
07-25-92	88	67	-1.00	100	68	80	77	84	72	.15
07-26-92	81	72	1.06	100	92	80	77	81	72	.09
07-27-92	77	62	1.61	100	69	78	75	80	70	.10
07-28-92	81	59	-1.00	100	60	78	74	82	68	.24
07-29-92	83	60	.00	100	58	78	75	82	68	.20
07-30-92	82	66	.45	100	71	78	76	82	68	.16
07-31-92	76	66	.52	100	67	78	74	76	69	.13

Summarized data from 07-01-92 to 07-31-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP				TOTAL EVAP
MAX	MIN		MAX	MIN	GRASS		BARE		
					MAX	MIN	MAX	MIN	
84	66	9.13	99	63	79	75	82	70	6.56

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. August Climatological Data, Spindletop

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
08-01-92	75	54	-1.00	100	50	75	72	80	62	.14
08-02-92	79	56	.00	100	53	76	73	81	62	.19
08-03-92	80	63	.00	100	60	76	74	77	64	.20
08-04-92	79	62	-1.00	100	45	76	73	82	66	.20
08-05-92	79	53	.00	100	45	76	72	84	62	.22
08-06-92	82	56	.00	98	56	76	73	86	64	.22
08-07-92	83	63	.00	100	72	76	74	84	68	.17
08-08-92	81	64	2.08	100	92	76	73	82	69	.17
08-09-92	89	70	.00	100	55	78	73	86	70	.24
08-10-92	87	66	.59	100	79	79	77	84	72	.19
08-11-92	81	66	.01	100	75	79	75	80	68	.19
08-12-92	80	60	.00	100	41	77	74	82	65	.27
08-13-92 E	79	62	.00	91	54	79	74	84	69	.18
08-14-92 E	74	60	.28	100	72	76	73	79	68	.16
08-15-92 E	74	59	.16	95	71	74	71	77	67	.14
08-16-92 E	70	56	.00	95	77	73	70	74	64	.15
08-17-92 E	77	53	.00	100	66	75	69	79	62	.15
08-18-92 E	80	55	.00	95	47	76	70	81	65	.17
08-19-92 E	78	61	.00	95	67	74	71	78	66	.16
08-20-92 E	75	60	.00	95	69	74	71	79	67	.14
08-21-92 E	79	58	.00	95	75	76	70	83	65	.17
08-22-92 E	74	64	.63	100	84	74	72	76	70	.15
08-23-92 E	79	65	.04	95	79	75	72	78	69	.16
08-24-92 E	84	68	.00	95	66	77	72	84	70	.19
08-25-92 E	87	67	.00	95	64	79	74	86	71	.21
08-26-92 E	87	67	.00	92	62	80	75	89	72	.23
08-27-92	85	67	.51	100	69	79	77	84	70	.25
08-28-92	70	60	1.18	100	68	78	74	78	64	.19
08-29-92	74	48	-1.00	100	46	74	71	78	58	.19
08-30-92	80	60	.00	99	68	74	72	78	70	.18
08-31-92	77	61	.00	100	58	74	72	76	66	.19

Summarized data from 08-01-92 to 08-31-92 follows:

AVG TEMP	TOTAL		AVG RH		AVG SOIL TEMP				TOTAL	
	MAX	MIN	MAX	MIN	GRASS		BARE			
	MAX	MIN	PRECIP	MAX	MIN	MAX	MIN	MAX	MIN	EVAP
E	79	61	5.48	98	64	76	73	81	67	5.76

E indicates estimated data by NWS.

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. September Climatological Data, Spindletop

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
09-01-92	79	53	.00	100	54	74	72	80	60	.12
09-02-92	79	67	.00	100	63	74	72	78	64	.18
09-03-92	78	67	.00	97	82	73	71	74	66	.12
09-04-92	77	63	.00	100	82	73	72	75	66	.06
09-05-92	81	64	.42	100	72	74	72	77	66	.15
09-06-92	83	65	.02	100	64	74	72	79	66	.13
09-07-92	83	65	.02	100	68	75	73	78	66	.13
09-08-92	83	69	-1.00	100	60	75	74	80	68	.17
09-09-92	86	65	.00	100	52	76	74	82	67	.22
09-10-92	74	63	.07	100	68	77	74	81	68	.16
09-11-92	71	45	-1.00	100	48	74	70	75	58	.16
09-12-92	73	46	.00	100	50	72	68	76	56	.14
09-13-92	80	51	.00	100	56	72	68	78	59	.15
09-14-92	83	59	.00	100	48	73	70	81	63	.16
09-15-92	85	58	.00	100	42	74	70	83	63	.16
09-16-92	82	57	.00	100	46	75	71	80	64	.21
09-17-92	84	59	.00	100	59	74	70	80	63	.21
09-18-92	76	65	1.21	100	94	73	71	76	63	.18
09-19-92	72	55	.00	100	56	71	70	73	62	.16
09-20-92	76	48	.00	100	55	72	67	73	57	.16
09-21-92	82	65	.51	100	77	71	70	74	64	.24
09-22-92	76	64	1.13	100	89	71	71	74	66	.07
09-23-92	67	43	.00	99	57	72	67	69	54	.11
09-24-92	70	41	.00	100	45	68	65	68	51	.16
09-25-92	74	46	.00	100	57	68	65	73	55	.10
09-26-92	74	53	.08	100	93	68	67	72	59	.09
09-27-92	73	56	.02	100	50	70	67	74	61	.15
09-28-92	73	42	-1.00	100	42	70	66	72	55	.20
09-29-92 E	61	40	.00	90	44	67	63	67	54	.13
09-30-92 E	64	36	.00	92	43	65	60	67	50	.15

Summarized data from 09-01-92 to 09-30-92 follows:

	AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP				TOTAL EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
E	77	56	3.48	99	60	72	69	76	61	4.53

E indicates estimated data by NWS.

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. April Climatological Data, Princeton

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
04-01-92	59	35	.04	93	53	56	45	..	..	..
04-02-92	46	29	.00	93	49	54	42	..	..	..
04-03-92	52	22	.00	95	40	48	41	..	..	..
04-04-92	58	47	.00	72	39	50	45	..	..	..
04-05-92	58	47	.00	81	39	54	45	..	..	..
04-06-92	64	41	.00	83	41	55	48	..	..	..
04-07-92	70	48	.05	91	44	58	51	..	..	..
04-08-92	75	53	.00	93	43	62	51	..	..	..
04-09-92	78	53	.00	90	55	64	56	..	..	..
04-10-92	83	54	.00	94	48	66	58	..	..	..
04-11-92	83	58	.00	86	42	68	58	..	..	..
04-12-92	70	46	.08	94	52	65	58	..	..	..
04-13-92	75	41	.00	80	35	64	52	..	..	..
04-14-92	85	48	.00	84	40	66	56	..	..	..
04-15-92	86	59	.00	88	51	67	62	..	..	..
04-16-92	85	62	-1.00	94	56	68	64	..	..	..
04-17-92	79	62	.10	100	50	68	64	..	..	..
04-18-92	84	62	.03	94	47	70	64	..	..	..
04-19-92	82	64	.41	90	49	68	63	..	..	..
04-20-92	69	60	.79	98	75	67	64	..	..	..
04-21-92	68	55	-1.00	97	54	66	62	..	..	..
04-22-92	74	46	.00	91	46	66	57	..	..	..
04-23-92	84	53	.00	85	44	66	59	..	..	..
04-24-92	83	62	.00	88	52	68	62	..	..	..
04-25-92	64	39	.00	94	53	68	60	..	..	..
04-26-92	56	42	.00	91	66	60	55	..	..	..
04-27-92	52	45	-1.00	95	68	60	56	..	..	..
04-28-92	62	30	.07	98	39	58	50	..	..	..
04-29-92	62	30	-1.00	95	43	62	53	..	..	..
04-30-92	80	48	.00	93	36	62	55	..	..	..

Summarized data from 04-01-92 to 04-30-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP		TOTAL EVAP
MAX	MIN		MAX	MIN	GRASS MAX	BARE MIN	
71	48	1.57	91	48	62	55	..

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. May Climatological Data, Princeton

DATE	TEMP		PRECIP	RH		SOIL TEMP GRASS		SOIL TEMP BARE		EVAP
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
05-01-92	82	59	.00	92	46	66	61	..	..	..
05-02-92	81	63	.00	89	59	70	69	..	..	..
05-03-92	72	52	.25	69	42	70	68	..	..	..
05-04-92	71	44	.00	93	38	70	67	..	..	..
05-05-92	63	42	.26	95	51	70	60	..	..	..
05-06-92	60	40	.00	91	50	63	60	..	..	..
05-07-92	67	42	.00	92	35	63	61	..	..	..
05-08-92	69	50	.00	93	36	63	61	..	..	..
05-09-92	80	40	.00	93	35	68	66	..	..	..
05-10-92	82	47	.00	93	44	70	69	..	..	..
05-11-92	84	54	.00	87	42	71	68	..	..	..
05-12-92	82	63	.22	92	56	72	68	..	..	..
05-13-92	78	58	.37	97	50	70	68	..	..	..
05-14-92	78	46	.00	95	45	72	68	..	..	..
05-15-92	85	60	-1.00	100	32	76	68	..	..	..
05-16-92	88	60	.20	100	54	76	72	..	..	..
05-17-92	85	66	-1.00	100	70	77	75	..	..	..
05-18-92	80	63	.11	100	100	76	72	..	..	..
05-19-92	78	68	.02	100	100	78	72	..	..	..
05-20-92	82	64	.04	100	80	78	72	..	..	..
05-21-92	80	63	.02	100	80	76	70	..	..	..
05-22-92	80	65	-1.00	100	70	74	68	..	..	..
05-23-92	82	60	.00	100	72	74	69	..	..	..
05-24-92	82	50	.12	100	62	75	65	..	..	..
05-25-92	69	43	.00	100	72	70	63	..	..	..
05-26-92	69	52	.00	100	48	72	62	..	..	..
05-27-92	65	45	.00	100	50	72	62	..	..	..
05-28-92	64	50	.05	100	78	68	62	..	..	..
05-29-92	62	52	1.65	100	100	68	64	..	..	..
05-30-92	72	54	.06	100	72	66	60	..	..	..
05-31-92	77	45	.00	100	40	70	61	..	..	..

Summarized data from 05-01-92 to 05-31-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP		TOTAL EVAP
MAX	MIN		MAX	MIN	GRASS MAX	BARE MIN	
76	54	3.37	96	58	71	66	..

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. June Climatological Data, Princeton

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
						MAX	MIN	MAX	MIN	
06-01-92	78	55	.00	100	50	72	64	..	..	..
06-02-92	78	55	.00	100	50	73	66	..	..	..
06-03-92	76	58	.68	100	100	74	66	..	..	..
06-04-92	70	60	.54	100	100	72	68	..	..	..
06-05-92	83	60	.07	100	60	74	68	..	..	..
06-06-92	83	64	.00	100	72	78	68	..	..	..
06-07-92	82	68	.29	100	90	73	69	..	..	..
06-08-92	80	61	.05	100	92	74	69	..	..	..
06-09-92	84	63	.00	100	52	76	70	..	..	..
06-10-92	84	64	.00	100	50	78	70	..	..	..
06-11-92	82	60	.00	100	48	78	70	..	..	..
06-12-92	83	60	.00	100	90	78	70	..	..	..
06-13-92	73	64	-1.00	100	60	78	72	..	..	..
06-14-92	83	62	.00	100	78	77	71	..	..	..
06-15-92	88	64	.00	100	50	80	75	..	..	..
06-16-92	91	69	.00	100	48	80	76	..	..	..
06-17-92	92	74	.00	100	80	82	76	..	..	..
06-18-92	94	74	.18	100	42	82	77	..	..	..
06-19-92	92	64	.00	100	52	82	79	..	..	..
06-20-92	85	60	.00	100	72	82	79	..	..	..
06-21-92	79	49	.00	100	44	81	70	..	..	..
06-22-92	76	43	.00	100	40	78	64	..	..	..
06-23-92	82	55	.00	100	50	78	70	..	..	..
06-24-92	91	62	.62	100	50	78	70	..	..	..
06-25-92	91	64	.50	100	100	78	72	..	..	..
06-26-92	83	69	.20	100	60	78	74	..	..	..
06-27-92	82	58	.00	100	50	78	72	..	..	..
06-28-92	82	53	.00	100	50	80	71	..	..	..
06-29-92	85	58	.00	100	80	80	72	..	..	..
06-30-92	84	65	.00	100	90	80	74	..	..	..

Summarized data from 06-01-92 to 06-30-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP				TOTAL EVAP
MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
83	61	3.13	100	65	78	71	..	..	..

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. July Climatological Data, Princeton

DATE	TEMP		PRECIP	RH		SOIL TEMP		EVAP	
	MAX	MIN		MAX	MIN	GRASS MAX	GRASS MIN		BARE MAX	BARE MIN
07-01-92	84	68	.19	100	80	82	74	..	..
07-02-92	91	72	.00	100	90	80	76	..	..
07-03-92	E 89	66	.64	98	94	82	76	..	..
07-04-92	84	61	.00	100	80	82	74	..	..
07-05-92	84	67	.54	94	71	82	74	..	..
07-06-92	85	68	.00	98	67	82	75	..	..
07-07-92	90	68	.00	94	63	80	75	..	..
07-08-92	91	71	.00	95	68	82	76	..	..
07-09-92	93	74	.00	92	59	84	78	..	..
07-10-92	94	74	.00	93	58	84	76	..	..
07-11-92	E 94	69	.00	94	68	84	72	..	..
07-12-92	92	73	.00	95	58	84	78	..	..
07-13-92	95	78	.00	92	52	84	78	..	..
07-14-92	94	74	.00	100	60	84	76	..	..
07-15-92	89	71	3.34	95	55	84	74	..	..
07-16-92	88	71	.07	94	63	84	76	..	..
07-17-92	83	69	.64	97	64	84	72	..	..
07-18-92	85	64	.00	94	58	85	75	..	..
07-19-92	88	64	.02	96	57	82	77	..	..
07-20-92	90	68	-1.00	93	54	84	78	..	..
07-21-92	90	68	.05	95	68	84	78	..	..
07-22-92	86	68	.68	100	65	84	74	..	..
07-23-92	90	70	.05	97	71	84	76	..	..
07-24-92	92	73	.00	100	67	84	80	..	..
07-25-92	93	78	.00	95	69	84	78	..	..
07-26-92	92	73	.47	95	76	85	79	..	..
07-27-92	84	72	.20	100	80	85	79	..	..
07-28-92	85	62	.00	90	45	82	77	..	..
07-29-92	86	61	.00	100	52	83	77	..	..
07-30-92	89	68	.00	98	72	84	78	..	..
07-31-92	85	69	.38	95	75	84	78	..	..

Summarized data from 07-01-92 to 07-31-92 follows:

	AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP		TOTAL EVAP	
	MAX	MIN		MAX	MIN	GRASS MAX	GRASS MIN		BARE MAX	BARE MIN
E	89	69	7.27	96	66	83	76

E indicates estimated data by NWS.

-1.00 indicates TRACE (precip occurred but was unmeasurable).

III. A. August Climatological Data, Princeton

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
						MAX	MIN	MAX	MIN	
08-01-92	78	58	.00	98	52	80	74	..	..	..
08-02-92	82	56	.00	100	55	81	74	..	..	..
08-03-92	85	68	.03	94	65	82	76	..	..	..
08-04-92	85	62	.05	94	62	84	78	..	..	..
08-05-92	84	58	.00	93	54	82	74	..	..	..
08-06-92	84	62	.00	95	59	80	78	..	..	..
08-07-92	86	64	.00	96	74	78	74	..	..	..
08-08-92	88	76	.35	93	75	82	78	..	..	..
08-09-92	90	75	.02	95	69	82	78	..	..	..
08-10-92	90	69	5.25	97	80	82	78	..	..	..
08-11-92	92	68	.05	97	66	82	76	..	..	..
08-12-92	84	60	.00	94	50	80	72	..	..	..
08-13-92	81	63	.00	95	55	80	72	..	..	..
08-14-92	80	58	.00	92	62	80	76	..	..	..
08-15-92	75	54	.07	92	54	78	70	..	..	..
08-16-92	77	55	.00	94	58	76	71	..	..	..
08-17-92	80	58	.00	100	54	76	72	..	..	..
08-18-92	83	58	.00	100	45	76	70	..	..	..
08-19-92	82	59	.00	90	60	78	70	..	..	..
08-20-92	79	62	.05	100	62	76	72	..	..	..
08-21-92	84	62	.00	100	62	78	72	..	..	..
08-22-92	85	65	.06	100	72	78	74	..	..	..
08-23-92	80	70	.10	100	84	79	74	..	..	..
08-24-92	88	69	.00	100	70	80	74	..	..	..
08-25-92	90	68	.00	100	60	80	78	..	..	..
08-26-92	89	70	.00	100	64	82	76	..	..	..
08-27-92	88	69	.50	100	80	80	76	..	..	..
08-28-92	72	59	.26	100	68	80	72	..	..	..
08-29-92	79	50	.00	100	60	80	76	..	..	..
08-30-92	85	59	.00	96	52	77	71	..	..	..
08-31-92	83	64	.00	100	50	78	72	..	..	..

Summarized data from 08-01-92 to 08-31-92 follows:

AVG TEMP		TOTAL PRECIP	AVG RH		AVG SOIL TEMP		TOTAL EVAP
MAX	MIN		MAX	MIN	GRASS MAX	BARE MIN	
83	63	6.79	97	62	80	74	..

III. A. September Climatological Data, Princeton

DATE	TEMP		PRECIP	RH		SOIL TEMP				EVAP
	MAX	MIN		MAX	MIN	GRASS		BARE		
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	
09-01-92	85	62	.00	100	60	78	74	..	..	..
09-02-92	82	66	.43	100	80	78	75	..	..	..
09-03-92	80	66	.02	100	76	76	73	..	..	..
09-04-92	84	68	.00	100	66	78	74	..	..	..
09-05-92	84	64	.00	100	60	78	74	..	..	..
09-06-92	86	67	.00	100	68	78	74	..	..	..
09-07-92	90	65	.43	100	60	78	76	..	..	..
09-08-92	85	68	.00	100	56	78	72	..	..	..
09-09-92	85	68	.00	100	56	78	72	..	..	..
09-10-92	88	64	.33	100	40	80	76	..	..	..
09-11-92	75	50	.00	100	50	78	70	..	..	..
09-12-92	78	53	.00	100	42	72	70	..	..	..
09-13-92	79	55	.00	100	66	77	69	..	..	..
09-14-92	86	55	.00	100	54	77	70	..	..	..
09-15-92	87	60	.00	100	56	77	71	..	..	..
09-16-92	85	58	.00	100	46	77	71	..	..	..
09-17-92	85	61	-1.00	100	46	76	72	..	..	..
09-18-92	84	70	.17	100	70	76	68	..	..	..
09-19-92	78	55	.08	100	42	76	72	..	..	..
09-20-92	78	56	.00	100	86	75	70	..	..	..
09-21-92	87	72	.22	100	60	76	70	..	..	..
09-22-92	74	55	1.10	100	82	72	70	..	..	..
09-23-92	68	44	.02	100	50	75	65	..	..	..
09-24-92	70	45	.00	100	60	68	62	..	..	..
09-25-92	70	55	-1.00	100	70	68	60	..	..	..
09-26-92	68	63	1.56	100	100	68	66	..	..	..
09-27-92	73	50	.15	100	54	69	65	..	..	..
09-28-92	77	46	.00	100	60	70	64	..	..	..
09-29-92	75	42	.00	100	40	70	62	..	..	..
09-30-92 E	70	39	.00	95	44	68	64	..	..	..

Summarized data from 09-01-92 to 09-30-92 follows:

AVG TEMP	TOTAL	AVG RH	AVG SOIL TEMP				TOTAL	
			GRASS	BARE		EVAP		
MAX	MIN	PRECIP	MAX	MIN	MAX	MIN	MAX	
E	80	58	4.51	100	60	75	70	..

E indicates estimated data by NWS.

-1.00 indicates TRACE (precip occurred but was unmeasurable).

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
ACIFLUORFEN 1	BLAZER 2L	BASF
	ACTIVATOR 90	LOVELAND
	AGRI-DEX	CIBA GEIGY
ALACHLOR	LASSO 4E,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
ALACHLOR + TRIFLURALIN	FREEDOM (LASSO + TREFLAN) AMMONIUM SULFATE	MONSANTO
ATRAZINE	AATREX, AATREX NINE-0	CIBA GEIGY
BAS 514		BASF
BENEFIN	BALAN	ELANCO
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
BROMOXYNIL/ATRAZINE	BUCTRIL/ATRAZINE	RHONE POULENC
BUTYLATE + R25788	SUTAN +	ICI
BUTYLATE PKG.+ATRAZINE	SUTAZINE II (SUTAN 4.8 + ATRAZINE 1.2)	ICI
CARBOFURAN	FURADAN	FMC
	CAYUSE	MONSANTO
CC-16255		VALENT
CHLORIMURON	CLASSIC	DUPONT
CHLORPYRIFOS	LORSBAN	DowElanco
CHLOR. + LINURON	LOROX PLUS	DUPONT
CHLOR. + METRI. 1:6	CANOPY	DUPONT
CHLOR. + METRI. 1:10	PREVIEW	DUPONT
CLETHODIM	SELECT	VALENT
CLOMAZONE	COMMAND	FMC
CYANAZINE	BLADEX 4L, BLADEX 90DF	DUPONT
CYANAZINE + ATRAZINE 3:1	EXTRAZINE II	DUPONT
CROP OIL CONCENTRATE		
DICAMBA	DASH	BASF
DICAMBA + ATRAZINE	BANVEL	SANDOZ
	MARKSMAN (2.1 ATRAZINE + 1.1 BANVEL)	SANDOZ
DPX M6316	PINNACLE 25DF	DUPONT
EPTC + R25788 + R33865	ERADICANE EXTRA	ICI
ETHALFLURALIN	SONALAN	DowElanco

IV.; HERBICIDES (continued)

F6285 F4, F6285 75DF		FMC
FLUAZIFOP-BUTYL	FUSILADE 2000	ICI
FLUAZIFOP + FENOXAPROP	FUSION	ICI
FOMESAFEN	REFLEX	ICI
FOMESAFEN + FLUAZIFOP-B.	TORNADO 2E (1.0 REFLEX + .75 FUSILADE)	ICI
FONOFOS	DYFONATE II	ICI
GLYPHOSATE	ROUNDUP	MONSANTO
	HERBIMAX	LOVELAND
HOE 46360	BUGLE	HOECHST ROUSSEL
ICIA-5676	SURPASS	ICI
IMAZAQUIN	SCEPTER	AMERICAN CYANAMID
IMAZAQUIN + TRIFLURALIN	TRI-SCEPT	AMERICAN CYANAMID
IMAZETHAPYR	PURSUIT	AMERICAN CYANAMID
IMAZETHAPYR/ATRAZINE	PURSUIT/ATRAZINE	AMERICAN CYANAMID
IMAZETHAPYR+METALACHLOR	RESOLVE	AMERICAN CYANAMID
IMAZETHAPYR + PENDIMETH.	PURSUIT PLUS 3E (3.0 PURSUIT + 2.8 PROWL)	AMERICAN CYANAMID
ISOPROPALIN	PAARLAN	DowElanco
LACTOFEN	COBRA	VALENT
LINURON	LOROX	DUPONT
LIQUID FERTILIZER	28% NITROGEN	
METALACHLOR	DUAL	CIBA GEIGY
METALACHLOR + ATRAZINE	BICEP 6L (3.33 DUAL + 2.67 ATRAZINE)	CIBA GEIGY
METALACHLOR + CYANAZINE	CYCLE (2.0 DUAL + 2.0 BLADEx)	CIBA GEIGY
METALACHLOR + DE-498	DUAL + BROADSTRIKE (NAF-2)	DowElanco
METALACHLOR+METRIBUZIN	TURBO (6.55 DUAL + 1.45 METRIBUZIN)	MOBAY
METRIBUZIN 1	SENCOR 75DF	MOBAY
METRIBUZIN 2	LEXONE 75DF	DUPONT
MON 12000	PERMIT	MONSANTO
MON 12000 + MON 13900	BATTALION	MONSANTO
MON 13211 2EC		MONSANTO
MON 29895 4ME		MONSANTO
MSO	METHYLATED SUNFLOWER OIL	
NAPROPAMIDE	DEVRIKOL	ICI
NICOSULFURON	ACCENT	DUPONT
PARAQUAT	GRAMOXONE EXTRA	ICI
PEBULATE	TILLAM	ICI
PEBULATE + FONOFOS	EDGE	ICI
PENDIMETHALIN	PROWL	AMERICAN CYANAMID
PENDI. + IMAZAQUIN	SQUADRON	AMERICAN CYANAMID
PHORATE	THIMET	AMERICAN CYANAMID
PRIMISULFURON	BEACON	CIBA GEIGY
PYRIDATE	TOUGH	AGROLINZ
QUIZALAFOP	ASSURE, ASSURE II	DUPONT
SAN 582H	FRONTIER	SANDOZ
SAN 821		SANDOZ
SETHOXYDIM	POAST	BASF
SETHOXYDIM 2	POAST PLUS	BASF
	SCOIL	DUPONT
SIMAZINE	PRINCEP	CIBA GEIGY
	SUN-IT II	AMERICAN CYANAMID

IV.; HERBICIDES (continued)

SURFACTANT	X-77	VALENT
TEFLUTHRIN	FORCE	DowElanco
TERBUFOS	COUNTER	AMERICAN CYANAMID
TRIFLURALIN	TREFLAN	DowElanco
TRIFLURALIN 2	TRILIN 4E, TRILIN 80DF	GRIFFIN
TRIFLURALIN + DE-498	TREFLAN+BROADSTRIKE (XRM-5313)	DowElanco
TRIFLURALIN+METRIBUZIN	SALUTE (2.67 TREFLAN + 1.33 METRIBUZIN)	MOBAY
TRIFLURALIN+CLOMAZONE	COMMENCE	DowElanco, FMC
V-23031 .86L		VALENT
V-53482 50WP,3FL		VALENT
XE-1167		VALENT
XRM-5313 3.63EC		DowElanco

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----JUNE 1-----						-----JULY 1-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	28	0	100	0	98	88	0	98	5	98	83
2	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	28	0	100	5	98	90	0	100	5	98	88
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	63	0	100	63	100	100	0	100	50	100	98
3B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
4A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	88	0	100	88	98	93	0	95	75	98	90
4B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE												
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	88	0	100	88	100	90	0	93	80	100	88
5B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE												
6	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	20	0	100	0	83	90	0	100	0	80	83
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	38	0	100	38	100	98	0	98	28	100	98
7B	ATRAZINE	4.00 L	1.600 lb/ac	PRE												
8A	METOLACHLOR	8.00 E	2.500 lb/ac	PRE	95	88	0	95	88	98	90	0	90	78	98	90
8B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE												
9A	METOLACHLOR	8.00 E	2.500 lb/ac	PRE	100	90	10	100	90	98	88	0	93	88	98	88
9B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE												
10	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE	100	78	0	100	78	100	98	0	100	60	100	98
11	METALACHLOR + CYAN.	4.00 L	3.600 lb/ac	PRE	98	48	0	98	48	100	88	0	98	35	100	85
12	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE	98	70	0	98	73	100	100	0	98	60	100	95
13	ATRAZINE	4.00 L	0.500 lb/ac	PRE	23	20	0	23	0	100	95	0	23	0	100	95
14	ATRAZINE	4.00 L	0.750 lb/ac	PRE	65	28	0	65	13	100	95	0	60	10	100	93
15	ATRAZINE	4.00 L	1.000 lb/ac	PRE	65	33	0	65	15	100	100	0	65	15	100	95
16	ATRAZINE	4.00 L	1.250 lb/ac	PRE	60	45	0	60	45	100	95	0	55	38	100	93
17	ATRAZINE	4.00 L	1.500 lb/ac	PRE	60	43	0	60	43	100	100	0	55	40	100	100
18	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE	93	88	0	93	88	100	95	0	88	85	100	95

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----JUNE 1-----				-----JULY 1-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
19A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE	95	58	3	95	50	100	100	0	95	33	100	98
19B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
20A	ICIA 5676	6.40 E	1.600 lb/ac	PRE	100	73	0	100	70	100	90	0	100	65	100	90
20B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
21A	ICIA 5676	6.40 E	2.000 lb/ac	PRE	100	75	3	100	75	98	98	0	100	63	98	98
21B	ATRAZINE	4.00 L	1.500 lb/ac	PRE												
22A	ICIA 5676	6.40 E	1.600 lb/ac	PRE	100	83	0	100	83	100	95	0	100	70	100	93
22B	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PRE												
23A	ICIA 5676	6.40 E	2.000 lb/ac	PRE	100	90	0	100	90	100	98	0	98	75	100	98
23B	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PRE												
24A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	48	0	100	38	100	93	0	100	28	100	88
24B	ATRAZINE	4.00 L	1.250 lb/ac	PRE												
25A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	60	0	100	60	100	95	0	100	45	100	93
25B	CYANAZINE	90.00 DF	1.500 lb/ac	PRE												
26	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PRE	95	40	0	95	40	90	83	0	90	35	90	83
27	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	95	30	0	95	30	93	88	0	95	23	93	88
28A	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PRE	100	53	5	100	45	100	98	0	95	33	100	98
28B	ATRAZINE	4.00 L	1.000 lb/ac	PRE												
29A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	98	45	0	98	45	100	93	0	98	40	100	93
29B	ATRAZINE	4.00 L	1.000 lb/ac	PRE												
30	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
LSD(.05) :					12	17	3	12	17	8	8	NS	12	14	7	9

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 1
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5
 DATE TREATED : PRE MAY 1
 O.M. : 4.80 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----JUNE 1-----				-----JULY 1-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
1	ALACHLOR	4.00 MT	2.500 lb/ac PPI		98	20	0	98	0	95	88	0	98	0	95	88
2	ALACHLOR 2	65.00 WDG	2.500 lb/ac PPI		98	20	0	98	3	85	85	0	98	3	85	85
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac PPI		95	45	0	95	30	100	93	0	95	38	100	93
3B	ATRAZINE	4.00 L	1.500 lb/ac PPI													
4A	ALACHLOR 2	65.00 WDG	2.500 lb/ac PPI		93	70	0	93	70	100	85	0	93	58	100	85
4B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac PPI													
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac PPI		95	80	5	95	80	100	88	0	93	70	100	88
5B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac PPI													
6	METOLACHLOR	8.00 E	2.000 lb/ac PPI		98	20	0	98	0	95	90	0	98	0	95	90
7A	METOLACHLOR	8.00 E	2.000 lb/ac PPI		93	50	0	93	50	100	90	0	93	35	100	88
7B	ATRAZINE	4.00 L	1.600 lb/ac PPI													
8A	METOLACHLOR	8.00 E	2.500 lb/ac PPI		95	85	0	95	85	100	90	0	93	73	100	90
8B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac PPI													
9A	METOLACHLOR	8.00 E	2.500 lb/ac PPI		98	83	5	98	85	98	90	3	95	73	98	88
9B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac PPI													
10	ALACHLOR MT+ ATRAZ	4.00 L	3.750 lb/ac PPI		95	65	0	95	65	100	95	0	93	53	100	95
11	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac PPI		93	85	0	93	85	100	95	0	90	80	100	95
12	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac PPI		93	78	0	93	78	100	95	0	93	68	100	95
13	BUYTL + ATRA 4:1	6.00 ME	4.000 lb/ac PPI		93	53	0	93	53	100	95	0	90	50	100	95
14A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac PPI		98	60	0	98	60	100	98	0	95	53	100	98
14B	ATRAZINE	4.00 L	1.500 lb/ac PPI													
15A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac PPI		95	80	10	95	80	100	93	0	90	68	100	93
15B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac PPI													
16A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac PPI		95	80	5	95	80	100	88	0	90	70	100	88
16B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac PPI													

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----JUNE 1-----				-----JULY 1-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	CRIN	SETFA	XANST	CHEAL	IPOHE
17	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PPI	98	48	0	98	48	98	85	0	98	38	98	85
18	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PPI	98	55	0	98	55	100	93	0	93	35	100	93
19A	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PPI	93	60	3	93	63	100	93	0	93	45	100	93
19B	ATRAZINE	4.00 L	1.000 lb/ac	PPI												
20A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PPI	93	60	0	93	60	98	85	0	93	48	98	85
20B	ATRAZINE	4.00 L	1.000 lb/ac	PPI												
21	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
LSD(.05) :					NS	15	4	NS	15	6	8	NS	6	17	6	7

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 1
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5
 DATE TREATED : PPI MAY 1
 O.M. : 4.80 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2016 CORN PREPLANT AND POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	DIGSA	SETFA	CHEAL	IPOHE	AMACH	SIDSP	ABUTH
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	90	93	5	93	90	100	98	100	98	83
1B	ATRAZINE	4.00 L	1.500 lb/ac	MP										
1C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	83	98	5	83	68	100	98	100	98	100
2B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP										
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	95	80	0	95	95	88	60	100	68	95
3B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP										
3C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	90	88	0	90	90	88	80	100	90	98
4B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP										
4C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	100	90	0	100	100	90	85	100	88	100
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
5C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
6A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	98	90	0	98	98	93	90	100	85	98
6B	IMAZETHAPYR/ATRA SC	3.38 SC	0.563 lb/ac	MP										
6C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
6D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
7	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PPI	90	80	0	90	90	98	45	95	73	80
8	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PPI	75	58	0	75	75	95	50	70	83	60
9A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac	PPI	88	18	0	88	88	8	28	100	45	85
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PPI										
10A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac	PPI	100	80	3	100	100	80	80	100	73	100
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP										
10C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
10D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2016 CORN PREPLANT AND POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	DIGSA	SETFA	CHEAL	IPOHE	AMACH	SIDSP	ABUTH
11A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac	PPI	100	90	0	100	100	95	90	100	93	100
11B	IMAZETHAPYR/ATRA SC	3.38 SC	0.563 lb/ac	MP										
11C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
11D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
12	IMAZETHAPYR/METALACH	6.55 EC	1.560 lb/ac	PPI	90	80	0	90	90	98	38	100	33	90
13A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	88	80	5	88	88	80	80	100	68	100
13B	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	70	68	20	70	70	65	78	100	73	95
14B	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
14C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	68	70	5	70	68	63	85	100	90	90
15B	2,4 D AMINE	4.00 E	0.250 lb/ac	MP										
16A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	75	85	10	75	75	78	95	100	93	100
16B	DICAMBA	4.00 S	0.250 lb/ac	MP										
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	80	83	10	80	80	80	80	100	83	95
17B	PYRIDATE	3.75 EC	0.900 lb/ac	MP										
18A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	MP	78	80	10	78	78	73	85	100	83	98
18B	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
19A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	95	70	13	95	98	73	65	100	70	70
19B	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
20A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP	48	88	3	48	48	85	83	98	93	100
20B	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
21	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100	100	100
			LSD(.05) :		11	11	5	11	15	11	16	9	21	16

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : MAY 1
VARIETY : PIONEER 33431R

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 6.20 %
DATE TREATED : PPI MAY 1
MP MAY 31

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2016 CORN PREPLANT AND POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	CHEAL	IPOHE	AMACH	ABUTH
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	0	80	100	98	98	80
1B	ATRAZINE	4.00 L	1.500 lb/ac	MP						
1C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	0	70	100	93	100	100
2B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP						
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	0	98	73	55	100	83
3B	NICOSULFURON	75.00 DF	0.031 lb/ac	MP						
3C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	0	88	65	73	100	98
4B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP						
4C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	0	98	90	88	100	98
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
5C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
6A	METOLACHLOR	8.00 E	1.500 lb/ac	PPI	0	90	95	90	100	95
6B	IMAZETHAPYR/ATRA SC	3.38 SC	0.563 lb/ac	MP						
6C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
6D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
7	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PPI	0	85	95	48	100	95
8	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	PPI	0	83	98	48	78	58
9A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac	PPI	0	93	5	28	100	100
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PPI						
10A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac	PPI	0	95	70	80	100	100
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
10C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
10D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2016 CORN PREPLANT AND POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	CHEAL	IPOHE	AMACH	ABUTH
11A	BUTYLATE + R-25788	6.70 E	4.000 lb/ac	PPI	0	90	95	93	100	95
11B	IMAZETHAPYR/ATRA SC	3.38 SC	0.563 lb/ac	MP						
11C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
11D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
12	IMAZETHAPYR/METALACH	6.55 EC	1.560 lb/ac	PPI	0	83	100	40	100	93
13A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	80	73	83	100	100
13B	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	70	60	75	100	100
14B	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
14C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	75	50	90	93	100
15B	2,4 D AMINE	4.00 E	0.250 lb/ac	MP						
16A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	73	93	95	98	100
16B	DICAMBA	4.00 S	0.250 lb/ac	MP						
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	73	70	80	100	98
17B	PYRIDATE	3.75 EC	0.900 lb/ac	MP						
18A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	MP	0	70	68	80	100	100
18B	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
19A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	3	95	73	53	98	65
19B	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
20A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP	0	48	78	80	100	100
20B	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
21	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100
			LSD(.05) :		NS	12	20	16	10	16

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : MAY 1
VARIETY : PIONEER 33431R

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 6.20 %
DATE TREATED : PPI MAY 1
MP MAY 31

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
1A	METOLACHLOR	8.00 E	1.000 lb/ac	PRE	98	90	0	98	90	100	100	93	100
1B	BROMOXYNIL	2.00 E	0.375 lb/ac	MP									
1C	ATRAZINE	4.00 L	1.000 lb/ac	MP									
2A	METOLACHLOR	8.00 E	1.000 lb/ac	PRE	98	88	0	98	88	100	100	90	100
2B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
2C	ATRAZINE	4.00 L	0.500 lb/ac	MP									
2D	2,4 D AMINE	4.00 E	0.250 lb/ac	MP									
3A	METOLACHLOR	8.00 E	1.000 lb/ac	PRE	90	90	0	90	90	100	100	95	100
3B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
3C	ATRAZINE	4.00 L	1.000 lb/ac	MP									
3D	2,4 D AMINE	4.00 E	0.125 lb/ac	MP									
4A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	98	90	0	98	90	100	100	95	100
4B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP									
5A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	90	0	100	90	100	100	78	100
5B	DICAMBA	4.00 S	0.500 lb/ac	MP									
6A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	100	88	0	100	88	100	100	78	100
6B	SAN 821	4.00 FL	0.500 lb/ac	MP									
7A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	100	83	0	100	85	100	100	73	98
7B	DICAMBA	4.00 S	0.250 lb/ac	MP									
8A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	100	75	0	100	75	93	100	83	95
8B	2,4 D AMINE	4.00 E	0.500 lb/ac	MP									
9A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	100	93	0	100	93	100	100	98	100
9B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP									
10A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	95	90	0	95	90	100	100	93	100
10B	ATRAZINE	4.00 L	1.200 lb/ac	MP									
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
11A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	98	65	0	98	100	100	53	80	100
11B	MON 12000	75.00 DF	0.016 lb/ac	MP									
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
12A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	98	63	0	98	100	100	70	83	100
12B	MON 12000	75.00 DF	0.032 lb/ac	MP									
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
13A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	98	90	0	98	98	100	100	80	100
13B	MON 12000	75.00 DF	0.032 lb/ac	MP									
13C	DICAMBA	4.00 S	0.125 lb/ac	MP									
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
14A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	95	90	0	95	98	98	100	85	100
14B	MON 12000	75.00 DF	0.032 lb/ac	MP									
14C	2,4 D AMINE	4.00 E	0.250 lb/ac	MP									
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
15A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	90	0	100	90	100	100	100	100
15B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP									
16A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	90	0	100	88	100	100	80	100
16B	DICAMBA	4.00 S	0.500 lb/ac	MP									
17A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	83	0	100	83	100	100	88	100
17B	SAN 821	4.00 FL	0.500 lb/ac	MP									
18A	ATRAZINE	4.00 L	1.000 lb/ac	MP	63	90	0	63	90	100	100	93	100
18B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
18C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP									
19A	DICAMBA	4.00 S	0.250 lb/ac	MP	0	90	0	0	93	98	100	93	98
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
20A	DICAMBA	4.00 S	0.125 lb/ac	LP	0	90	0	0	98	100	100	93	95
20B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
21A	2,4 D AMINE	4.00 E	0.250 lb/ac	LP	5	88	0	5	88	100	100	98	93
21B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
22A	2,4 D AMINE	4.00 E	0.500 lb/ac	LP	38	88	3	38	90	100	100	90	95
22B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
23A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	93	50	0	93	90	98	65	85	100
23B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
24A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	98	35	0	98	83	100	50	80	100
24B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
25A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	98	88	0	98	93	100	90	88	100
25B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP									
25C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
26A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	98	90	0	98	90	100	100	93	100
26B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	4LF									
26C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF									
27A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	100	75	0	100	98	93	75	90	100
27B	MON 12000	75.00 DF	0.032 lb/ac	MP									
27C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
28A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	65	63	0	65	93	100	68	85	98
28B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
29A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	75	43	0	75	95	100	43	83	100
29B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
30A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	LP	78	70	0	80	100	100	68	83	100
30B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
31A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	4LF	85	65	3	88	95	100	65	90	100
31B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
32A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP	90	73	3	90	98	100	75	83	100
32B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
33A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	45	90	3	45	93	100	100	90	100
33B	DICAMBA	4.00 S	0.125 lb/ac	LP									
33C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
34A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	70	90	3	70	100	100	100	88	100
34B	DICAMBA	4.00 S	0.125 lb/ac	LP									
34C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
35A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	65	85	3	65	88	100	98	90	98
35B	2,4 D AMINE	4.00 E	0.250 lb/ac	LP									
35C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
36A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	53	90	0	53	90	100	90	88	100
36B	2,4 D AMINE	4.00 E	0.250 lb/ac	LP									
36C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP									
37A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	85	90	0	88	90	100	100	95	100
37B	ATRAZINE	4.00 L	1.000 lb/ac	LP									
37C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
37D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LP									
38A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	88	90	3	88	93	100	100	95	100
38B	ATRAZINE	4.00 L	1.000 lb/ac	LP									
38C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP									
38D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LP									
39A	BROMOXYNIL	2.00 E	0.375 lb/ac	5LF	93	90	10	93	90	100	100	93	100
39B	ATRAZINE	4.00 L	1.000 lb/ac	5LF									
39C	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF									
39D	X-77 (SURFACTANT)	0.50 WA	0.250 %	5LF									
40A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	28	0	0	60	100	35	83	100
40B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF									
41A	V-23031	0.86 EC	0.026 lb/ac	4LF	98	53	3	98	88	100	55	85	100
41B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF									
41C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF									
42A	V-23031	0.86 EC	0.040 lb/ac	4LF	98	58	0	98	80	100	80	80	100
42B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF									
42C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF									
43A	V-23031	0.86 EC	0.026 lb/ac	4LF	98	53	0	98	80	100	73	88	100
43B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF									
43C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF									
43D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	4LF									
44A	V-23031	0.86 EC	0.026 lb/ac	4LF	83	75	3	88	95	100	78	83	100
44B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	4LF									
44C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
45A	V-23031	0.86 EC	0.026 lb/ac	4LF	90	73	0	90	93	100	78	85	100
45B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	4LF									
45C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF									
45D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	4LF									
46	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100	100
			LSD(.05) :		11	14	3	11	8	2	16	9	3

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

SOIL TYPE : 4.5
 60 P, 60 K, pH : 6.6 O.M. : 4.50 %
 DATE TREATED : PRE APRIL 29
 MP MAY 21
 4LF MAY 22
 LP MAY 26
 5LF MAY 31

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
1A	METOLACHLOR	8.00 E	1.000 lb/ac	PRE	0	98	90	100	100	90	100
1B	BROMOXYNIL	2.00 E	0.375 lb/ac	MP							
1C	ATRAZINE	4.00 L	1.000 lb/ac	MP							
2A	METOLACHLOR	8.00 E	1.000 lb/ac	PRE	0	85	88	100	100	88	100
2B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP							
2C	ATRAZINE	4.00 L	0.500 lb/ac	MP							
2D	2,4 D AMINE	4.00 E	0.250 lb/ac	MP							
3A	METOLACHLOR	8.00 E	1.000 lb/ac	PRE	0	90	88	100	100	90	100
3B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP							
3C	ATRAZINE	4.00 L	1.000 lb/ac	MP							
3D	2,4 D AMINE	4.00 E	0.125 lb/ac	MP							
4A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	98	90	100	100	90	100
4B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP							
5A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	100	90	100	100	75	100
5B	DICAMBA	4.00 S	0.500 lb/ac	MP							
6A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	100	83	100	100	78	100
6B	SAN 821	4.00 FL	0.500 lb/ac	MP							
7A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	100	80	100	90	70	98
7B	DICAMBA	4.00 S	0.250 lb/ac	MP							
8A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	90	70	93	100	78	95
8B	2,4 D AMINE	4.00 E	0.500 lb/ac	MP							
9A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	98	93	100	100	93	100
9B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP							
10A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	95	90	100	100	90	100
10B	ATRAZINE	4.00 L	1.200 lb/ac	MP							
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
11A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	95	95	100	63	78	100
11B	MON 12000	75.00 DF	0.016 lb/ac	MP							
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
12A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	98	100	100	68	78	100
12B	MON 12000	75.00 DF	0.032 lb/ac	MP							
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
13A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	95	93	100	100	78	100
13B	MON 12000	75.00 DF	0.032 lb/ac	MP							
13C	DICAMBA	4.00 S	0.125 lb/ac	MP							
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
14A	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE	0	95	93	98	100	80	100
14B	MON 12000	75.00 DF	0.032 lb/ac	MP							
14C	2,4 D AMINE	4.00 E	0.250 lb/ac	MP							
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
15A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	0	98	90	100	100	98	100
15B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	MP							
16A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	0	98	83	98	100	78	100
16B	DICAMBA	4.00 S	0.500 lb/ac	MP							
17A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	0	90	80	100	100	83	100
17B	SAN 821	4.00 FL	0.500 lb/ac	MP							
18A	ATRAZINE	4.00 L	1.000 lb/ac	MP	0	58	88	100	100	90	100
18B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
18C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
19A	DICAMBA	4.00 S	0.250 lb/ac	MP	0	0	93	98	100	93	98
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
20A	DICAMBA	4.00 S	0.125 lb/ac	LP	0	0	98	100	100	93	95
20B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
21A	2,4 D AMINE	4.00 E	0.250 lb/ac	LP	0	5	88	100	100	95	93
21B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
22A	2,4 D AMINE	4.00 E	0.500 lb/ac	LP	3	38	85	100	98	88	95
22B	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
23A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	0	93	85	98	65	80	100
23B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
24A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	0	95	83	100	50	78	100
24B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
25A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	0	98	90	100	88	83	100
25B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP							
25C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
26A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	0	95	85	100	100	88	100
26B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	4LF							
26C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF							
27A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	0	93	98	90	78	83	100
27B	MON 12000	75.00 DF	0.032 lb/ac	MP							
27C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
28A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	0	65	88	100	68	83	98
28B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
29A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	0	75	90	100	43	83	100
29B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
30A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	LP	0	78	95	100	65	80	100
30B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
31A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	4LF	0	85	90	100	65	85	100
31B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
32A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	MP	0	90	95	100	73	80	100
32B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
33A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	3	45	88	100	100	85	100
33B	DICAMBA	4.00 S	0.125 lb/ac	LP							
33C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
34A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	3	68	98	100	100	85	100
34B	DICAMBA	4.00 S	0.125 lb/ac	LP							
34C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
35A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	0	60	85	100	98	90	88
35B	2,4 D AMINE	4.00 E	0.250 lb/ac	LP							
35C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
36A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	0	48	90	100	90	85	100
36B	2,4 D AMINE	4.00 E	0.250 lb/ac	LP							
36C	X-77 (SURFACTANT)	0.50 WA	0.250 %	LP							
37A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	LP	0	85	90	100	93	88	100
37B	ATRAZINE	4.00 L	1.000 lb/ac	LP							
37C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
37D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LP							
38A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	LP	0	85	90	100	100	93	100
38B	ATRAZINE	4.00 L	1.000 lb/ac	LP							
38C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP							
38D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LP							
39A	BROMOXYNIL	2.00 E	0.375 lb/ac	5LF	5	90	90	100	100	90	100
39B	ATRAZINE	4.00 L	1.000 lb/ac	5LF							
39C	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF							
39D	X-77 (SURFACTANT)	0.50 WA	0.250 %	5LF							
40A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	0	60	100	30	83	100
40B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF							
41A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	95	83	100	53	83	100
41B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF							
41C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF							
42A	V-23031	0.86 EC	0.040 lb/ac	4LF	0	98	68	100	80	78	100
42B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF							
42C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF							
43A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	93	75	100	73	83	100
43B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF							
43C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF							
43D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	4LF							
44A	V-23031	0.86 EC	0.026 lb/ac	4LF	3	85	95	100	78	78	100
44B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	4LF							
44C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	PHBPU	ABUTH
45A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	90	93	100	73	80	100
45B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	4LF							
45C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF							
45D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	4LF							
46	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100	100
LSD(.05) :					NS	13	13	3	16	9	5

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

SOIL TYPE : 4.5
 60 P, 60 K, pH : 6.6 O.M. : 4.50 %
 DATE TREATED : PRE APRIL 29
 MP MAY 21
 4LF MAY 22
 LP MAY 26
 5LF MAY 31

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	AMACH	ABUTH
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	75	0	90	88	85	38	100	100
1B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
1D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	85	0	90	85	90	70	100	98
2B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
2D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	85	0	90	90	90	38	100	98
3B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
3C	SCOIL	0.00 AD	1.000 qt/ac	MP									
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	80	0	90	85	90	28	100	98
4B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
4C	ATRAZINE	4.00 L	1.000 lb/ac	MP									
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
4E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	83	0	90	83	93	78	100	95
5B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
5C	ATRAZINE	4.00 L	0.500 lb/ac	MP									
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
5E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
6A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	85	0	90	83	95	65	100	100
6B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
6C	ATRAZINE	4.00 L	0.750 lb/ac	MP									
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
6E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									
7A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	90	0	93	90	90	68	100	100
7B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
7C	CYANAZINE	90.00 DF	0.500 lb/ac	MP									
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
7E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	AMACH	ABUTH
8A	METOLACHLOR	8.00 E	1.500 lb/ac PRE		90	88	0	90	90	90	73	100	98
8B	DPX M6316	25.00 DF	0.004 lb/ac MP										
8C	CYANAZINE	90.00 DF	0.750 lb/ac MP										
8D	X-77 (SURFACTANT)	0.50 WA	0.250 % MP										
8E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
9A	METOLACHLOR	8.00 E	1.500 lb/ac PRE		98	90	0	98	90	95	95	100	100
9B	DPX M6316	25.00 DF	0.004 lb/ac MP										
9C	CYANAZINE	90.00 DF	1.000 lb/ac MP										
9D	X-77 (SURFACTANT)	0.50 WA	0.250 % MP										
9E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
10A	METOLACHLOR	8.00 E	1.500 lb/ac PRE		90	85	0	90	90	90	65	100	98
10B	DPX M6316	25.00 DF	0.004 lb/ac MP										
10C	CYANAZINE + ATRAZINE	90.00 DF	0.500 lb/ac MP										
10D	X-77 (SURFACTANT)	0.50 WA	0.250 % MP										
10E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
11A	METOLACHLOR	8.00 E	1.500 lb/ac PRE		93	90	0	93	90	95	88	100	100
11B	DPX M6316	25.00 DF	0.004 lb/ac MP										
11C	CYANAZINE + ATRAZINE	90.00 DF	0.750 lb/ac MP										
11D	X-77 (SURFACTANT)	0.50 WA	0.250 % MP										
11E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
12A	METOLACHLOR	8.00 E	1.500 lb/ac PRE		93	95	0	90	93	98	93	100	98
12B	DPX M6316	25.00 DF	0.004 lb/ac MP										
12C	CYANAZINE + ATRAZINE	90.00 DF	1.000 lb/ac MP										
12D	X-77 (SURFACTANT)	0.50 WA	0.250 % MP										
12E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
13A	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac MP		23	98	5	23	98	100	100	98	100
13B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
14A	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac MP		0	95	0	0	100	95	100	100	100
14B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac MP										
15	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100	100
			LSD(.05) :		17	8	NS	17	8	5	35	NS	NS

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. : 6.40 %
DATE TREATED : PRE APRIL 29
MP MAY 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	AMACH	ABUTH
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	80	85	90	45	100	100
1B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
1D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	80	85	78	100	100
2B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
2D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	85	93	33	100	100
3B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
3C	SCOIL	0.00 AD	1.000 qt/ac	MP							
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	88	93	30	100	100
4B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
4C	ATRAZINE	4.00 L	1.000 lb/ac	MP							
4D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
4E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	78	95	80	100	100
5B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
5C	ATRAZINE	4.00 L	0.500 lb/ac	MP							
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
5E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
6A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	70	85	75	75	75
6B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
6C	ATRAZINE	4.00 L	0.750 lb/ac	MP							
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
6E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
7A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	90	95	73	100	100
7B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
7C	CYANAZINE	90.00 DF	0.500 lb/ac	MP							
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
7E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2009 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	AMACH	ABUTH
8A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	90	90	68	100	98
8B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
8C	CYANAZINE	90.00 DF	0.750 lb/ac	MP							
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
8E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
9A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	90	95	90	100	100
9B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
9C	CYANAZINE	90.00 DF	1.000 lb/ac	MP							
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
9E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
10A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	90	98	75	100	100
10B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
10C	CYANAZINE + ATRAZINE	90.00 DF	0.500 lb/ac	MP							
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
10E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
11A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	93	95	85	100	100
11B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
11C	CYANAZINE + ATRAZINE	90.00 DF	0.750 lb/ac	MP							
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
11E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
12A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	90	93	93	100	100
12B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
12C	CYANAZINE + ATRAZINE	90.00 DF	1.000 lb/ac	MP							
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
12E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
13A	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac	MP	0	23	98	100	100	100	100
13B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
14A	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP	0	0	100	98	100	100	100
14B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
15	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100	100
			LSD(.05) :		NS	17	9	NS	32	NS	NS

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. : 6.40 %
DATE TREATED : PRE APRIL 29
MP MAY 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	53	0	90	53	80	93	85	100
1B	ATRAZINE	4.00 L	0.250 lb/ac	MP									
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	80	0	90	88	90	55	80	78
2B	DICAMBA	4.00 S	0.250 lb/ac	MP									
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	83	0	90	83	88	73	100	85
3B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	95	90	0	95	90	100	85	100	95
4B	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac	MP									
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	90	0	90	93	100	95	95	100
5B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP									
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
6A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	78	0	90	78	90	63	100	90
6B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
7A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	88	0	90	85	100	90	98	95
7B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
7C	ATRAZINE	4.00 L	0.500 lb/ac	MP									
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
8A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	83	0	93	83	100	93	100	98
8B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
8C	ATRAZINE	4.00 L	1.000 lb/ac	MP									
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
9A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	85	0	93	80	98	98	88	100
9B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
9C	ATRAZINE	4.00 L	1.000 lb/ac	MP									
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
10A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	90	0	90	90	98	80	98	80
10B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
10C	DICAMBA	4.00 S	0.250 lb/ac	MP									
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
11A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	90	88	0	90	93	90	60	100	85
11B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
11C	BROMOXYNIL	2.00 E	0.250 lb/ac	MP									
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
12A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	93	90	0	93	88	100	83	98	93
12B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
12C	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac	MP									
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
13A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	95	90	0	95	90	100	83	100	95
13B	DPX M6316	25.00 DF	0.004 lb/ac	MP									
13C	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP									
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
LSD(.05) :					NS	11	NS	NS	16	5	25	12	NS

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

SOIL TYPE : 6.4
 60 P, 60 K, pH : 6.5 O.M. : 6.40 %
 DATE TREATED : PRE APRIL 29
 MP MAY 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
1A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	93	53	88	85	98	100
1B	ATRAZINE	4.00 L	0.250 lb/ac	MP							
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
2A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	88	90	58	98	80
2B	DICAMBA	4.00 S	0.250 lb/ac	MP							
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
3A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	80	85	70	100	85
3B	BROMOXYNIL	2.00 E	0.250 lb/ac	MP							
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
4A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	88	98	80	93	100
4B	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac	MP							
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
5A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	88	93	100	93	100	100
5B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP							
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
6A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	78	93	70	100	95
6B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
7A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	70	100	88	98	100
7B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
7C	ATRAZINE	4.00 L	0.500 lb/ac	MP							
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
8A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	78	95	90	100	100
8B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
8C	ATRAZINE	4.00 L	1.000 lb/ac	MP							
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
9A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	95	75	100	98	100	100
9B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
9C	ATRAZINE	4.00 L	1.000 lb/ac	MP							
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2010 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
10A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	88	90	93	85	100	78
10B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
10C	DICAMBA	4.00 S	0.250 lb/ac	MP							
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
11A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	83	90	53	100	80
11B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
11C	BROMOXYNIL	2.00 E	0.250 lb/ac	MP							
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
12A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	93	88	100	85	100	100
12B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
12C	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac	MP							
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
13A	METOLACHLOR	8.00 E	1.500 lb/ac	PRE	0	90	93	100	88	100	100
13B	DPX M6316	25.00 DF	0.004 lb/ac	MP							
13C	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	MP							
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
LSD(.05) :					NS	NS	18	5	26	NS	NS

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

SOIL TYPE : 6.4
 60 P, 60 K, pH : 6.5 O.M. : 6.40 %
 DATE TREATED : PRE APRIL 29
 MP MAY 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2011 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
1A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	95	88	0	95	85	100	98	93	98
1B	ATRAZINE	4.00 L	1.200 lb/ac	MP									
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
2A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	90	90	0	90	88	100	75	93	100
2B	PYRIDATE	3.75 EC	0.450 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	4.00 MT	2.000 lb/ac	PRE	90	90	0	90	90	100	78	100	100
3B	PYRIDATE	3.75 EC	0.700 lb/ac	MP									
3C	ATRAZINE	4.00 L	0.600 lb/ac	MP									
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
4A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	85	90	0	90	90	100	88	100	98
4B	PYRIDATE	3.75 EC	0.900 lb/ac	MP									
4C	ATRAZINE	4.00 L	0.600 lb/ac	MP									
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
5A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	90	88	0	90	85	95	60	100	88
5B	PYRIDATE	3.75 EC	0.450 lb/ac	MP									
5C	DICAMBA	4.00 S	0.250 lb/ac	MP									
6A	CYANAZINE + ATRAZINE	90.00 DF	2.500 lb/ac	PRE	93	90	0	93	90	100	75	90	100
6B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF									
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
6D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF									
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	93	85	0	93	83	95	55	98	100
7B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP									
7C	BENTAZON	4.00 E	0.500 lb/ac	MP									
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP									
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	90	88	0	90	90	88	73	100	98
8B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP									
8C	2,4 D AMINE	4.00 E	0.250 lb/ac	MP									
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	73	38	0	73	33	68	75	78	98
9B	METRIBUZIN 1	75.00 DF	0.141 lb/ac	POD									
9C	BROMOXYNIL	2.00 E	0.250 lb/ac	POD									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2011 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
10A	PYRIDATE	3.75 EC	0.450 lb/ac	MP	5	93	0	5	90	100	100	95	100
10B	ATRAZINE	4.00 L	0.600 lb/ac	MP									
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
11A	PYRIDATE	3.75 EC	0.700 lb/ac	MP	18	93	0	18	95	100	93	95	100
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	0.900 lb/ac	MP	48	93	3	48	93	100	93	100	100
12B	ATRAZINE	4.00 L	1.200 lb/ac	MP									
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
13A	NICOSULFURON	75.00 DF	0.040 lb/ac	MP	90	75	0	90	85	75	85	90	100
13B	PYRIDATE	3.75 EC	0.450 lb/ac	MP									
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
14A	NICOSULFURON	75.00 DF	0.040 lb/ac	MP	90	88	0	90	93	88	80	98	80
14B	PYRIDATE	3.75 EC	0.700 lb/ac	MP									
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
15A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	88	90	0	88	90	100	98	95	100
15B	ATRAZINE	4.00 L	1.500 lb/ac	4LF									
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
15D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF									
16A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	90	88	3	90	93	90	75	95	95
16B	BROMOXYNIL	2.00 E	0.375 lb/ac	4LF									
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF									
17A	PRIMISULFURON	75.00 WDG	0.040 lb/ac	MP	53	83	0	53	98	75	90	98	95
17B	PYRIDATE	3.75 EC	0.450 lb/ac	MP									
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
18A	PRIMISULFURON	75.00 WDG	0.040 lb/ac	MP	45	73	3	45	100	63	70	100	100
18B	PYRIDATE	3.75 EC	0.700 lb/ac	MP									
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
				LSD(.05) :	19	12	NS	18	12	14	16	NS	NS

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. : 6.40 %
DATE TREATED : PRE APRIL 29
MP MAY 26
4LF MAY 27
POD JUNE 5

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2011 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
1A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	0	95	83	100	100	100	100
1B	ATRAZINE	4.00 L	1.200 lb/ac	MP							
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
2A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	0	90	80	98	80	100	100
2B	PYRIDATE	3.75 EC	0.450 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	4.00 MT	2.000 lb/ac	PRE	0	95	85	100	78	100	100
3B	PYRIDATE	3.75 EC	0.700 lb/ac	MP							
3C	ATRAZINE	4.00 L	0.600 lb/ac	MP							
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
4A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	0	90	88	100	88	100	100
4B	PYRIDATE	3.75 EC	0.900 lb/ac	MP							
4C	ATRAZINE	4.00 L	0.600 lb/ac	MP							
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
5A	ALACHLOR	4.00 MT	2.000 lb/ac	PRE	0	93	80	90	60	100	90
5B	PYRIDATE	3.75 EC	0.450 lb/ac	MP							
5C	DICAMBA	4.00 S	0.250 lb/ac	MP							
6A	CYANAZINE + ATRAZINE	90.00 DF	2.500 lb/ac	PRE	0	90	80	98	65	95	100
6B	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF							
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
6D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF							
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	93	70	90	38	100	100
7B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
7C	BENTAZON	4.00 E	0.500 lb/ac	MP							
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	93	85	78	73	100	95
8B	METRIBUZIN 1	75.00 DF	0.094 lb/ac	MP							
8C	2,4 D AMINE	4.00 E	0.250 lb/ac	MP							
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	70	38	53	78	100	100
9B	METRIBUZIN 1	75.00 DF	0.141 lb/ac	POD							
9C	BROMOXYNIL	2.00 E	0.250 lb/ac	POD							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2011 . CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH	ACCOS
10A	PYRIDATE	3.75 EC	0.450 lb/ac	MP	0	5	95	100	100	100	100
10B	ATRAZINE	4.00 L	0.600 lb/ac	MP							
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
11A	PYRIDATE	3.75 EC	0.700 lb/ac	MP	0	10	93	100	98	100	100
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	0.900 lb/ac	MP	0	18	93	100	100	100	100
12B	ATRAZINE	4.00 L	1.200 lb/ac	MP							
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
13A	NICOSULFURON	75.00 DF	0.040 lb/ac	MP	0	93	85	65	65	100	100
13B	PYRIDATE	3.75 EC	0.450 lb/ac	MP							
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
14A	NICOSULFURON	75.00 DF	0.040 lb/ac	MP	0	90	90	85	65	100	80
14B	PYRIDATE	3.75 EC	0.700 lb/ac	MP							
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
15A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	0	90	88	100	98	100	100
15B	ATRAZINE	4.00 L	1.500 lb/ac	4LF							
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
15D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF							
16A	NICOSULFURON	75.00 DF	0.031 lb/ac	4LF	0	88	90	80	68	100	95
16B	BROMOXYNIL	2.00 E	0.375 lb/ac	4LF							
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF							
17A	PRIMISULFURON	75.00 WDG	0.040 lb/ac	MP	0	68	93	75	90	100	95
17B	PYRIDATE	3.75 EC	0.450 lb/ac	MP							
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
18A	PRIMISULFURON	75.00 WDG	0.040 lb/ac	MP	0	43	100	68	65	100	98
18B	PYRIDATE	3.75 EC	0.700 lb/ac	MP							
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
LSD(.05) :					NS	22	18	12	20	2	NS

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. : 6.40 %
DATE TREATED : PRE APRIL 29
MP MAY 26
4LF MAY 27
POD JUNE 5

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2012 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	LPR	83	90	0	83	90	100	90	100
1B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	LPR								
2A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	EP	80	90	0	80	88	100	90	100
2B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	EP								
3A	CYANAZINE	90.00 DF	2.000 lb/ac	LPR	85	90	0	85	90	100	75	100
3B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	LPR								
4A	CYANAZINE	90.00 DF	2.000 lb/ac	EP	83	85	0	83	90	100	78	90
4B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	EP								
5A	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	LPR	68	85	0	68	83	100	75	93
5B	DICAMBA	4.00 S	0.250 lb/ac	LPR								
6A	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	EP	78	85	0	78	88	100	78	95
6B	DICAMBA	4.00 S	0.250 lb/ac	EP								
7A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	90	88	0	90	88	100	70	98
7B	BROMOXYNIL+ATRAZINE	3.00 EC	0.560 lb/ac	MP								
7C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
LSD(.05) :					11	NS	NS	11	NS	NS	11	NS

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. : 5.70 %
 DATE TREATED : LPR MAY 11
 EP MAY 15
 MP MAY 22

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2012 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	LPR	0	70	75	100	83	100
1B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	LPR						
2A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	EP	0	78	85	100	88	100
2B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	EP						
3A	CYANAZINE	90.00 DF	2.000 lb/ac	LPR	0	75	83	100	70	98
3B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	LPR						
4A	CYANAZINE	90.00 DF	2.000 lb/ac	EP	0	70	85	100	70	95
4B	DICAMBA + ATRAZINE	3.20 L	0.800 lb/ac	EP						
5A	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	LPR	0	53	80	100	78	90
5B	DICAMBA	4.00 S	0.250 lb/ac	LPR						
6A	CYANAZINE + ATRAZINE	90.00 DF	2.000 lb/ac	EP	0	63	80	100	68	95
6B	DICAMBA	4.00 S	0.250 lb/ac	EP						
7A	NICOSULFURON	75.00 DF	0.031 lb/ac	MP	0	90	63	100	53	95
7B	BROMOXNYL+ATRAZINE	3.00 EC	0.560 lb/ac	MP						
7C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP						
LSD(.05) :					NS	13	13	NS	14	NS

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. : 5.70 %
 DATE TREATED : LPR MAY 11
 EP MAY 15
 MP MAY 22

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2004 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	4.00 MT	2.500 lb/ac	PRE	83	73	0	83	78	0	70	65
1B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
1C	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
1D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
2A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	75	70	3	75	70	0	60	60
2B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
2C	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
3A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	78	73	3	78	90	0	78	83
3B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
3D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
4A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	83	78	0	83	90	0	73	88
4B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
4D	ACTIVATOR 90	0.00 WA	0.250 %	PRE								
5A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	83	83	3	83	100	0	68	100
5B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
5C	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	EP								
6A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	75	83	3	75	88	0	58	70
6B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
6C	DICAMBA	4.00 S	0.500 lb/ac	EP								
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	80	75	5	80	100	0	55	83
7B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
7C	SAN 821	4.00 FL	0.500 lb/ac	EP								
8	METALACHLOR + CYAN.	4.00 L	4.000 lb/ac	PRE	53	65	0	53	75	0	35	68
9A	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE	78	70	0	78	90	0	70	93
9B	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
9C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2004 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
10A	ATRAZINE	4.00 L	1.500 lb/ac	PRE	55	80	0	55	88	0	88	95
10B	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
10C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
10D	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF								
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF								
11A	ATRAZINE	4.00 L	1.500 lb/ac	PRE	68	70	0	68	83	0	80	95
11B	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
11D	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF								
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF								
12A	ICIA 5676	6.40 E	1.600 lb/ac	PRE	75	75	0	75	83	0	60	73
12B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
12C	PARAQUAT	2.50 E	0.625 lb/ac	PRE								
12D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
13A	ICIA 5676	6.40 E	2.000 lb/ac	PRE	80	73	0	80	83	0	75	73
13B	ATRAZINE	4.00 L	1.500 lb/ac	PRE								
13C	PARAQUAT	2.50 E	0.625 lb/ac	PRE								
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
14A	ICIA 5676	6.40 E	1.600 lb/ac	PRE	90	83	0	90	100	0	80	90
14B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE								
14C	PARAQUAT	2.50 E	0.625 lb/ac	PRE								
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
15A	ICIA 5676	6.40 E	2.000 lb/ac	PRE	90	78	0	90	93	0	78	88
15B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE								
15C	PARAQUAT	2.50 E	0.625 lb/ac	PRE								
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
16A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	85	80	8	85	95	0	68	80
16B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
16C	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	EP								
17A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	75	75	3	75	93	0	53	95
17B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
17C	DICAMBA	4.00 S	0.500 lb/ac	EP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2004 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	SAN 582H	7.50 EC	1.250 lb/ac	PRE	70	78	3	68	85	0	45	88
18B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
18C	SAN 821	4.00 FL	0.500 lb/ac	EP								
19A	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE	78	78	3	78	88	0	58	95
19B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
19C	ACTIVATOR 90	0.00 WA	0.250 %	PRE								
20A	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE	75	70	0	75	95	0	65	95
20B	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
20C	ACTIVATOR 90	0.00 WA	0.250 %	PRE								
21A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	75	65	0	75	88	0	60	80
21B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
21C	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
22A	GLYPHOSATE	94.00 WSD	0.500 lb/ac	PRE	70	70	0	70	95	0	50	98
22B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
22C	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
23A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	83	65	0	83	73	0	73	55
23B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
23C	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE								
24A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	88	68	0	88	90	0	78	95
24B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE								
24C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	88	55	0	88	90	0	90	78
25B	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	PRE								
25C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
25D	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF								
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF								
26A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	70	75	0	70	83	0	48	70
26B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
26C	ALACHLOR 2	65.00 WDG	2.340 lb/ac	PRE								
26D	ATRAZINE	4.00 L	1.410 lb/ac	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2004 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
27A	GLYPHOSATE	94.00 WSD	0.500 lb/ac	PRE	78	70	0	78	95	0	58	95
27B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
27C	ALACHLOR 2	65.00 WDG	2.340 lb/ac	PRE								
27D	ATRAZINE	4.00 L	1.410 lb/ac	PRE								
28A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	63	73	3	63	90	0	43	78
28B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
28C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE								
28D	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE								
29A	GLYPHOSATE	94.00 WSD	0.500 lb/ac	PRE	58	73	3	58	83	0	43	88
29B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
29C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE								
29D	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	PRE								
30A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	73	78	5	73	90	0	53	95
30B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
30C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE								
30D	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE								
31A	GLYPHOSATE	94.00 WSD	0.500 lb/ac	PRE	60	65	5	60	93	0	48	90
31B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
31C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE								
31D	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	PRE								
32A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	58	80	0	58	88	0	38	88
32B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
32C	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE								
32D	MON 12000	75.00 DF	0.016 lb/ac	MP								
32E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
33A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	63	73	5	63	100	0	43	98
33B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
33C	ALACHLOR 2	65.00 WDG	1.500 lb/ac	PRE								
33D	MON 12000	75.00 DF	0.032 lb/ac	MP								
33E	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
34A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	68	78	3	68	78	0	50	53
34B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
34C	MON 29895	4.00 ME	2.340 lb/ac	PRE								
34D	ATRAZINE	4.00 L	1.410 lb/ac	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2004 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
35A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	83	75	0	83	93	0	75	90
35B	ATRAZINE	4.00 L	1.200 lb/ac	MP								
35C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
36A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	88	83	10	88	100	0	75	90
36B	DICAMBA + ATRAZINE	3.20 L	1.500 lb/ac	MP								
37A	ALACHLOR + GLYPHOSAT	4.00 E	3.000 lb/ac	PRE	85	70	3	85	85	0	65	75
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	90	88	8	90	100	0	83	93
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								
LSD(.05) :					13	NS	6	12	19	NS	15	22

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 O.M. : 6.30 %
 DATE TREATED : PRE MAY 11
 EP MAY 27
 MP JUNE 2
 5LF JUNE 24

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2005 NO-TILL CORN STALKLAND II

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	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	78	78	0	78	88	0	63	75
1B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
2A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	70	78	0	70	90	0	60	90
2B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
3A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	65	83	0	65	90	0	48	85
3B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
3C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
3D	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								
4A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	70	88	0	70	90	0	53	83
4B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
4D	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								
5A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	75	80	0	75	93	0	43	58
5B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
5C	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	+1H								
6A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	85	73	0	85	85	0	78	83
6B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
6C	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	+1H								
7A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	75	83	0	75	90	0	68	83
7B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
7C	2,4 D ESTER	4.00 E	0.500 lb/ac	PRE								
7D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
8A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	83	80	3	83	85	0	75	78
8B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
8C	2,4 D ESTER	4.00 E	0.500 lb/ac	PRE								
8D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
9A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	63	83	0	63	83	0	48	88
9B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
9C	2,4 D ESTER	4.00 E	0.500 lb/ac	PRE								
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
9E	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2005 NO-TILL CORN STALKLAND II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----					8 WEEKS AFTER APP		
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
10A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	70	85	0	70	85	0	50	83
10B	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	PRE								
10C	2,4 D ESTER	4.00 E	0.500 lb/ac	PRE								
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
10E	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								
11A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	78	83	0	78	100	0	68	98
11B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
11C	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								
11D	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	+1H								
12A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	78	80	3	78	100	0	63	100
12B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
12C	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								
12D	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	+1H								
13A	PARAQUAT	2.50 E	0.630 lb/ac	PRE	90	80	0	90	98	0	78	95
13B	2,4 D ESTER	4.00 E	0.500 lb/ac	PRE								
13C	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE								
13D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
14A	PARAQUAT	2.50 E	0.630 lb/ac	PRE	75	80	0	75	95	0	63	95
14B	2,4 D ESTER	4.00 E	0.500 lb/ac	PRE								
14C	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE								
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
14E	LIQUID FERTILIZER	0.00 AD	99.900 qt/ac	PRE								
LSD(.05) :					13	13	NS	13	15	NS	21	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 O.M. : 6.30 %
 DATE TREATED : PRE MAY 11
 +1H MAY 11

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2008 NO-TILL CORN IN KILLED FESCUE SOD

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				8 WEEKS AFTER APP			
					GGGGG	BBBBB	CRIN	SETFA	FESAR	CRIN	SETFA	FESAR
1A	METALACHLOR + ATRA.	6.00 L	3.600 lb/ac	PRE	95	90	28	100	95	13	75	93
1B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
1C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
2A	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	PRE	18	83	28	100	18	55	98	5
2B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE								
2C	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
3	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	EPP	20	45	3	63	30	28	60	25
4A	CYANAZINE + ATRAZINE	90.00 DF	2.670 lb/ac	EPP	70	38	8	88	68	13	30	93
4B	CYANAZINE + ATRAZINE	90.00 DF	1.800 lb/ac	6"S								
5A	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PRE	98	90	28	100	98	8	78	100
5B	PARAQUAT	2.50 E	0.470 lb/ac	PRE								
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE								
6A	CYANAZINE + ATRAZINE	90.00 DF	2.400 lb/ac	PRE	78	85	0	90	78	0	45	83
6B	NICOSULFURON	75.00 DF	0.031 lb/ac	EPP								
6C	SCOIL	0.00 AD	1.000 qt/ac	EPP								
6D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EPP								
7A	CYANAZINE + ATRAZINE	90.00 DF	2.400 lb/ac	PRE	90	88	33	100	90	20	65	95
7B	NICOSULFURON	75.00 DF	0.031 lb/ac	6"S								
7C	SCOIL	0.00 AD	1.000 qt/ac	6"S								
7D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	6"S								
8A	CYANAZINE + ATRAZINE	90.00 DF	2.670 lb/ac	EPP	70	85	13	45	93	8	33	100
8B	NICOSULFURON	75.00 DF	0.031 lb/ac	6"S								
8C	SCOIL	0.00 AD	1.000 qt/ac	6"S								
8D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	6"S								
9A	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PRE	88	83	0	95	88	0	63	73
9B	NICOSULFURON	75.00 DF	0.031 lb/ac	EPP								
9C	SCOIL	0.00 AD	1.000 qt/ac	EPP								
9D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EPP								
10A	CYANAZINE + ATRAZINE	90.00 DF	3.600 lb/ac	PRE	98	93	30	100	98	8	68	95
10B	NICOSULFURON	75.00 DF	0.031 lb/ac	6"S								
10C	SCOIL	0.00 AD	1.000 qt/ac	6"S								
10D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	6"S								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2008 NO-TILL CORN IN KILLED FESCUE SOD

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----			8 WEEKS AFTER APP				
					GGGGG	BBBBB	CRIN	SETFA	FESAR	CRIN	SETFA	FESAR
11A	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	EPP	80	85	18	60	98	10	40	100
11B	NICOSULFURON	75.00 DF	0.031 lb/ac	6" S								
11C	SCoil	0.00 AD	1.000 qt/ac	6" S								
11D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	6" S								
12A	NICOSULFURON	75.00 DF	0.023 lb/ac	EPP	60	73	13	28	95	20	23	100
12B	SCoil	0.00 AD	1.000 qt/ac	EPP								
12C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EPP								
12D	NICOSULFURON	75.00 DF	0.023 lb/ac	6" S								
12E	SCoil	0.00 AD	1.000 qt/ac	6" S								
12F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	6" S								
LSD(.05) :					15	31	19	22	16	16	24	22

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 : 6.0 O.M. : 3.50 %
 DATE TREATED : EPP APRIL 9
 6" S APRIL 23
 PRE MAY 11

6" S = SIX INCH SOD

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2006 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
1	METALACHLOR + ATRA.	6.00 L	4.200 lb/ac	2WP	80	73	0	80	73	0	78	68
2A	METALACHLOR + ATRA.	6.00 L	4.200 lb/ac	2WP	88	78	0	88	75	0	85	70
2B	PARAQUAT	2.50 E	0.625 lb/ac	2WP								
2C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
3	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	2WP	75	80	0	75	78	0	73	73
4	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	4WP	78	83	0	78	85	0	70	83
5A	ALACHLOR MT + ATRAZ	4.00 L	3.750 lb/ac	2WP	83	83	0	83	83	0	75	80
5B	SIMAZINE	4.00 L	1.000 lb/ac	2WP								
6A	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	2WP	75	83	3	75	80	3	70	78
6B	PARAQUAT	2.50 E	0.625 lb/ac	2WP								
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
7A	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	2WP	83	85	0	83	83	0	78	78
7B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP								
7C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP								
8	METALACHLOR + CYAN.	4.00 L	4.000 lb/ac	2WP	73	75	0	73	75	0	68	68
9A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	75	78	0	75	75	0	70	70
9B	ATRAZINE	4.00 L	1.500 lb/ac	4WP								
9C	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
10A	METOLACHLOR	8.00 E	2.500 lb/ac	2WP	88	78	3	88	78	3	80	70
10B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	2WP								
11A	METOLACHLOR	8.00 E	2.500 lb/ac	2WP	88	85	0	88	85	0	83	80
11B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	2WP								
12	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	2WP	68	78	0	68	80	0	63	78
13A	CYANAZINE + ATRAZINE	90.00 DF	4.400 lb/ac	2WP	75	85	0	75	85	0	73	83
13B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	2WP								
14A	CYANAZINE + ATRAZINE	90.00 DF	5.000 lb/ac	2WP	78	78	0	78	85	0	70	80
14B	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2006 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
15A	CYANAZINE + ATRAZINE	90.00 DF	3.000 lb/ac	2WP	88	90	0	88	90	0	83	90
15B	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP								
15C	NICOSULFURON	75.00 DF	0.031 lb/ac	MP								
15D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
15E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
16A	ALACHLOR 2	65.00 WDG	2.810 lb/ac	2WP	78	78	0	78	80	0	70	75
16B	ATRAZINE	4.00 L	1.690 lb/ac	2WP								
17A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	78	85	3	78	85	3	70	80
17B	MON 12000+MON 13900	15.00 DF	0.065 lb/ac	2WP								
18A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	73	78	3	73	78	3	68	75
18B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	2WP								
19A	ICIA 5676	6.40 E	1.600 lb/ac	2WP	80	78	0	80	83	0	73	80
19B	ATRAZINE	4.00 L	1.500 lb/ac	2WP								
19C	PARAQUAT	2.50 E	0.625 lb/ac	2WP								
19D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
20A	ICIA 5676	6.40 E	2.000 lb/ac	2WP	80	80	0	80	80	0	75	75
20B	ATRAZINE	4.00 L	1.500 lb/ac	2WP								
20C	PARAQUAT	2.50 E	0.625 lb/ac	2WP								
20D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
21A	ICIA 5676	6.40 E	1.600 lb/ac	2WP	78	75	0	78	78	0	73	75
21B	CYANAZINE + ATRAZINE	90.00 DF	4.400 lb/ac	2WP								
21C	PARAQUAT	2.50 E	0.625 lb/ac	2WP								
21D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
22A	ICIA 5676	6.40 E	2.000 lb/ac	2WP	85	80	0	85	80	0	78	78
22B	CYANAZINE + ATRAZINE	90.00 DF	4.400 lb/ac	2WP								
22C	PARAQUAT	2.50 E	0.625 lb/ac	2WP								
22D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP								
23A	BAS 514	75.00 DF	0.250 lb/ac	4WP	68	75	0	68	78	0	60	75
23B	ATRAZINE	4.00 L	1.500 lb/ac	4WP								
24A	BAS 514	75.00 DF	0.500 lb/ac	4WP	88	80	0	88	80	0	80	75
24B	ATRAZINE	4.00 L	1.500 lb/ac	4WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2006 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
25A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	4WP	68	78	0	68	83	0	60	75
25B	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
25C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
26A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	4WP	65	83	0	65	88	0	58	80
26B	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
26C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
LSD(.05) :					12	8	NS	12	8	NS	15	9

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 : 6.4 O.M. : 6.10 %
 DATE TREATED : 4WP APRIL 9
 2WP APRIL 23
 MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2011 SOYBEAN 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
1A	METOLACHLOR	8.00 E	2.500 lb/ac	PRE	95	43	0	95	43	100	78	0	95	30	100	78
1B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE												
2A	METOLACHLOR	8.00 E	2.500 lb/ac	PRE	93	65	0	93	65	100	88	0	93	58	100	88
2B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE												
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	98	45	0	98	45	95	80	0	98	38	100	75
3B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE												
4A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	93	73	0	93	73	100	78	0	93	63	100	78
4B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE												
5A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE	100	20	0	100	10	100	78	0	98	10	100	78
5B	METRIBUZIN 1	75.00 DF	0.500 lb/ac	PRE												
6	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE	10	35	0	10	35	100	78	0	10	28	100	78
7A	CHLOR. + METRI. 1:6	75.00 DF	0.140 lb/ac	PRE	0	20	0	0	0	100	78	0	0	0	100	78
7B	METRIBUZIN 2	75.00 DF	0.188 lb/ac	PRE												
8A	CHLOR. + METRI. 1:6	75.00 DF	0.140 lb/ac	PRE	55	20	0	55	10	100	70	0	55	10	100	70
8B	METRIBUZIN 2	75.00 DF	0.410 lb/ac	PRE												
9A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	10	15	0	10	10	100	80	0	10	10	100	80
9B	METRIBUZIN 2	75.00 DF	0.125 lb/ac	PRE												
10A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	60	23	0	60	13	100	85	0	58	10	100	85
10B	METRIBUZIN 2	75.00 DF	0.280 lb/ac	PRE												
11A	CHLOR. + METRI. 1:6	75.00 DF	0.140 lb/ac	PRE	65	48	0	65	50	100	80	0	65	48	100	80
11B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE												
12A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	65	58	0	65	58	100	78	0	53	45	100	78
12B	IMAZAQUIN	1.50 AS	0.042 lb/ac	PRE												
13	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	PRE	43	20	0	43	0	80	83	0	38	0	100	83
14A	CHLOR. + METRI. 1:10	75.00 DF	0.188 lb/ac	PRE	48	20	0	48	15	100	80	0	45	15	100	80
14B	METRIBUZIN 2	75.00 DF	0.188 lb/ac	PRE												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2011 SOYBEAN 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
15A	CHLOR. + METRI.	1:10 75.00 DF	0.280 lb/ac	PRE	38	20	0	38	10	100	80	0	35	10	100	80
15B	METRIBUZIN 2	75.00 DF	0.125 lb/ac	PRE												
16A	CHLOR. + METRI.	1:10 75.00 DF	0.188 lb/ac	PRE	43	38	0	43	28	100	80	0	38	25	100	80
16B	LINURON	50.00 DF	0.410 lb/ac	PRE												
17A	CHLOR. + METRI.	1:10 75.00 DF	0.280 lb/ac	PRE	33	28	0	33	18	100	78	0	30	18	100	78
17B	LINURON	50.00 DF	0.280 lb/ac	PRE												
18A	CHLOR. + METRI.	1:10 75.00 DF	0.188 lb/ac	PRE	68	33	0	68	28	100	78	0	63	23	100	78
18B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE												
19A	CHLOR. + METRI.	1:10 75.00 DF	0.280 lb/ac	PRE	65	40	0	65	40	100	80	0	65	38	100	80
19B	IMAZAQUIN	1.50 AS	0.042 lb/ac	PRE												
20	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	PRE	28	35	8	28	25	100	83	0	28	20	100	83
21A	CHLORIM + LINURON	60.00 DF	0.300 lb/ac	PRE	65	20	0	65	15	100	80	0	60	15	100	80
21B	METRIBUZIN 2	75.00 DF	0.188 lb/ac	PRE												
22A	CHLORIM + LINURON	60.00 DF	0.400 lb/ac	PRE	33	35	0	33	30	100	83	0	33	25	100	83
22B	METRIBUZIN 2	75.00 DF	0.125 lb/ac	PRE												
23A	CHLORIM + LINURON	60.00 DF	0.300 lb/ac	PRE	73	53	0	73	53	100	70	0	73	45	100	70
23B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE												
24A	CHLORIM + LINURON	60.00 DF	0.400 lb/ac	PRE	73	43	0	73	38	100	88	0	68	30	100	88
24B	IMAZAQUIN	1.50 AS	0.042 lb/ac	PRE												
25	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	78	78	0	78	78	100	78	0	73	68	100	78
26A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	93	43	0	93	43	100	78	0	93	33	100	78
26B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE												
27A	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE	90	60	0	90	60	100	90	0	90	50	100	90
27B	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE												
28A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	90	90	0	90	90	100	90	0	90	88	100	90
28B	LACTOFEN	2.00 E	0.100 lb/ac	3LF												
28C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2011 SOYBEAN 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
29A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	90	90	0	90	90	100	90	0	90	90	100	90
29B	LACTOFEN	2.00 E	0.125 lb/ac	3LF												
29C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
30A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	90	90	3	90	90	100	90	3	88	88	100	90
30B	LACTOFEN	2.00 E	0.150 lb/ac	3LF												
30C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
31A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	90	90	0	90	90	100	90	0	90	90	100	90
31B	LACTOFEN	2.00 E	0.200 lb/ac	3LF												
31C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
32A	LACTOFEN	2.00 E	0.200 lb/ac	PRE	100	73	8	100	78	88	80	0	100	73	88	75
32B	LACTOFEN	2.00 E	0.200 lb/ac	3LF												
32C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
32D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
32E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
33A	LACTOFEN	2.00 E	0.250 lb/ac	PRE	100	65	0	100	70	80	68	0	100	68	80	65
33B	LACTOFEN	2.00 E	0.150 lb/ac	3LF												
33C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
33D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
33E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
34A	LACTOFEN	2.00 E	0.300 lb/ac	PRE	100	73	0	100	78	80	70	0	100	78	80	70
34B	LACTOFEN	2.00 E	0.100 lb/ac	3LF												
34C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
34D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
34E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
35A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	20	0	100	20	100	80	0	98	20	100	80
35B	CHLORIM + LINURON	60.00 DF	0.560 lb/ac	PRE												
36A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	98	23	0	98	13	100	78	0	95	10	100	78
36B	CHLOR. + METRI. 1:10	75.00 DF	0.330 lb/ac	PRE												
37A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	20	0	100	5	100	85	15	98	0	100	85
37B	METRIBUZIN 1	75.00 DF	0.500 lb/ac	PRE												
38A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	53	0	100	53	100	80	0	95	40	100	80
38B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2011 SOYBEAN 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
39A	SAN 582H	7.50 EC	1.250 lb/ac PRE		100	60	0	100	60	100	83	0	100	53	100	80
39B	IMAZAQUIN	1.50 AS	0.125 lb/ac PRE													
40A	SAN 582H	7.50 EC	1.250 lb/ac PRE		100	78	0	100	63	100	90	0	100	68	100	88
40B	IMAZETHAPYR	2.00 AS	0.063 lb/ac PRE													
41	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
42	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
LSD(.05) :					17	14	4	17	19	10	9	NS	17	16	3	9

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.6 O.M. : 5.30 %
 DATE TREATED : PRE MAY 7
 3LF MAY 31
 +7D JUNE 12

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2031 SOYBEAN PREEMERGENCE AND PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1	TRIFLURALIN	4.00 E	0.960 lb/ac	PP1	78	50	0	78	43	63	60	35
2	TRIFLURALIN	4.00 E	0.960 lb/ac	PP2	80	55	0	80	28	80	55	35
3	METOLACHLOR	8.00 E	2.000 lb/ac	PP1	78	35	0	78	40	55	23	23
4	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	93	33	0	93	25	70	33	18
5	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PP1	73	65	0	73	55	78	60	45
6	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PP2	93	78	0	93	70	88	75	73
7	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PP1	78	73	0	78	78	88	73	60
8	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PP2	93	80	0	93	85	98	83	68
9	METALACHLOR + DE-498	7.67 EC	1.870 lb/ac	PRE	85	58	0	85	53	78	38	55
10	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PP1	75	65	0	75	58	83	48	50
11	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PP1	75	60	0	75	55	78	48	48
12	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	88	60	0	88	55	80	28	40
13	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PP1	73	58	0	73	43	75	50	55
14	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	88	73	0	88	68	90	58	63
15	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
16	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
LSD(.05) :					12	15	NS	12	23	18	17	19

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 3.00 %
 DATE TREATED : PP1 MAY 6
 PP2 MAY 6
 PRE MAY 6

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2031 SOYBEAN PREEMERGENCE AND PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	XANST	CHEAL	IPOHE	ABUTH
1	TRIFLURALIN	4.00 E	0.960 lb/ac	PP1	0	75	40	58	55	33
2	TRIFLURALIN	4.00 E	0.960 lb/ac	PP2	0	80	18	78	48	35
3	METOLACHLOR	8.00 E	2.000 lb/ac	PP1	0	78	35	55	15	18
4	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	85	20	65	25	18
5	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PP1	0	70	53	70	55	45
6	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PP2	0	93	65	85	65	70
7	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PP1	0	73	78	88	58	55
8	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PP2	0	93	80	95	78	68
9	METALACHLOR + DE-498	7.67 EC	1.870 lb/ac	PRE	0	85	48	75	30	50
10	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PP1	0	75	53	73	43	45
11	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PP1	0	73	55	78	45	48
12	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	0	85	55	75	25	38
13	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PP1	0	73	35	73	48	55
14	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	0	88	60	85	45	55
15	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100
16	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100
LSD(.05) :					NS	13	24	19	21	20

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 6
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 3.00 %
 DATE TREATED : PP1 MAY 6
 PP2 MAY 6
 PRE MAY 6

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE
1A	METOLACHLOR	8.00 E	2.000 lb/ac	PPI	98	83	0	98	83	100	100	93
1B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI								
2A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PPI	93	60	0	93	60	100	100	90
2B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PPI								
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PPI	100	85	0	100	85	100	100	90
3B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI								
4A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	100	90	0	100	90	98	100	88
4B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	PPI								
5A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	100	88	0	100	88	100	100	80
5B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PPI								
6	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PPI	98	88	0	98	88	100	100	90
7	IMAZAQUIN + TRIFLURA	3.00 EC	0.870 lb/ac	PPI	100	88	0	100	88	93	100	93
8	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	100	20	0	100	10	98	100	98
9A	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	100	20	0	100	25	100	100	93
9B	CLOMAZONE	4.00 EC	0.380 lb/ac	PPI								
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	100	95	0	100	100	100	100	95
10B	IMAZAQUIN	1.50 AS	0.082 lb/ac	PPI								
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
10D	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
10E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
11A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	98	60	0	98	60	98	100	98
11B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI								
12A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	98	65	0	98	65	93	100	100
12B	CHLOR. + METRI. 1:6	75.00 DF	0.230 lb/ac	PPI								
13A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	90	80	0	90	90	100	100	93
13B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI								
13C	CHLORIMURON	25.00 DF	0.002 lb/ac	MP								
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE
14A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	100	90	0	100	90	100	100	93
14B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI								
15A	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI	100	70	0	100	70	98	100	93
15B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PPI								
16A	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI	98	68	0	98	68	90	100	98
16B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI								
17A	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI	100	75	0	100	75	100	100	90
17B	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	3TR								
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3TR								
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	100	75	0	100	75	98	100	98
18B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PPI								
19A	TRIFLURALIN	4.00 E	0.750 lb/ac	PPI	95	73	0	95	75	93	100	98
19B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI								
20A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	98	75	0	98	98	100	100	98
20B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI								
20C	CHLORIMURON	25.00 DF	0.008 lb/ac	3TR								
20D	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
21A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	98	63	0	98	93	100	100	100
21B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI								
21C	CHLORIMURON	25.00 DF	0.002 lb/ac	MP								
21D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
22A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	100	93	0	100	100	100	100	95
22B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR								
22C	SUN-IT II	0.00 AD	1.000 qt/ac	3TR								
22D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR								
23A	ETHALFLURALIN	3.00 E	0.940 lb/ac	PPI	98	58	0	98	58	98	100	93
23B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI								
24A	ETHALFLURALIN	3.00 E	0.940 lb/ac	PPI	100	93	0	100	100	100	100	93
24B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR								
24C	SUN-IT II	0.00 AD	1.000 qt/ac	3TR								
24D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	DATST	CHEAL	IPOHE
25A	ETHALFLURALIN	3.00 E	0.940 lb/ac	PPI	93	65	0	93	65	100	100	83
25B	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	3TR								
25C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3TR								
26A	METRIBUZIN 1	75.00 DF	0.380 lb/ac	PPI	98	90	0	98	95	100	100	90
26B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP								
26C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP								
26D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
27A	TRIFLURALIN 2	4.00 EC	1.000 lb/ac	PPI	100	75	20	75	83	95	95	98
27B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI								
28A	TRIFLURALIN	80.00 DF	1.000 lb/ac	PPI	98	88	0	98	90	98	100	93
28B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI								
29	F6285	4.00 F	0.375 lb/ac	PPI	93	63	0	93	63	100	100	98
30A	F6285	4.00 F	0.375 lb/ac	PPI	98	73	0	98	75	100	100	98
30B	TRIFLURALIN	4.00 E	0.500 lb/ac	PPI								
31A	F6285	4.00 F	0.375 lb/ac	PPI	100	45	0	100	45	100	100	95
31B	CLOMAZONE	4.00 EC	0.500 lb/ac	PPI								
32	F6285	75.00 DF	0.375 lb/ac	PPI	90	73	0	90	73	98	100	100
33	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
34	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
LSD(.05) :					5	11	NS	5	17	NS	6	5

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : PPI MAY 7
 MP JUNE 2
 3TR JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT
1A	METOLACHLOR	8.00 E	2.000 lb/ac	PPI	0	95	75	98	100	88	100
1B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI							
2A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PPI	0	93	53	100	100	90	88
2B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PPI							
3A	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PPI	0	98	80	100	100	88	100
3B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI							
4A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	0	100	83	98	100	85	93
4B	CHLOR. + METRI. 1:6	75.00 DF	0.380 lb/ac	PPI							
5A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	0	98	80	98	100	80	90
5B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PPI							
6	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PPI	0	98	85	100	100	88	100
7	IMAZAQUIN + TRIFLURA	3.00 EC	0.870 lb/ac	PPI	0	100	85	93	100	90	100
8	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	0	100	10	98	100	98	88
9A	TRIFLUR.+ METRIBUZIN	4.00 EC	1.125 lb/ac	PPI	0	100	0	100	100	90	90
9B	CLOMAZONE	4.00 EC	0.380 lb/ac	PPI							
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	0	98	100	100	100	93	100
10B	IMAZAQUIN	1.50 AS	0.082 lb/ac	PPI							
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
10D	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
10E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
11A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	0	98	55	98	100	93	93
11B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI							
12A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	0	98	58	90	100	95	85
12B	CHLOR. + METRI. 1:6	75.00 DF	0.230 lb/ac	PPI							
13A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	0	90	93	100	100	93	75
13B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI							
13C	CHLORIMURON	25.00 DF	0.002 lb/ac	MP							
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT
14A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	0	98	83	100	100	90	100
14B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI							
15A	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI	0	100	53	98	100	90	100
15B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PPI							
16A	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI	0	98	60	90	100	95	83
16B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI							
17A	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI	0	100	68	100	100	88	95
17B	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	3TR							
17C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3TR							
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	0	100	70	98	100	93	93
18B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PPI							
19A	TRIFLURALIN	4.00 E	0.750 lb/ac	PPI	0	95	70	93	100	95	70
19B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI							
20A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	0	98	98	100	100	95	83
20B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI							
20C	CHLORIMURON	25.00 DF	0.008 lb/ac	3TR							
20D	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR							
21A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	0	98	93	100	100	95	58
21B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI							
21C	CHLORIMURON	25.00 DF	0.002 lb/ac	MP							
21D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
22A	TRIFLURALIN	4.00 E	1.500 lb/ac	PPI	0	100	95	100	98	90	100
22B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR							
22C	SUN-IT II	0.00 AD	1.000 qt/ac	3TR							
22D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR							
23A	ETHALFLURALIN	3.00 E	0.940 lb/ac	PPI	0	98	53	98	100	93	90
23B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PPI							
24A	ETHALFLURALIN	3.00 E	0.940 lb/ac	PPI	0	100	95	100	100	90	100
24B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3TR							
24C	SUN-IT II	0.00 AD	1.000 qt/ac	3TR							
24D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	3TR							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	XANST	DATST	CHEAL	IPOHE	SOLPT
25A	ETHALFLURALIN	3.00 E	0.940 lb/ac	PPI	0	93	63	100	100	80	90
25B	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	3TR							
25C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3TR							
26A	METRIBUZIN 1	75.00 DF	0.380 lb/ac	PPI	0	95	95	100	100	90	98
26B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
26C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP							
26D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
27A	TRIFLURALIN 2	4.00 EC	1.000 lb/ac	PPI	0	98	73	93	100	93	100
27B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI							
28A	TRIFLURALIN	80.00 DF	1.000 lb/ac	PPI	0	98	83	98	100	88	100
28B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PPI							
29	F6285	4.00 F	0.375 lb/ac	PPI	0	90	55	98	100	95	98
30A	F6285	4.00 F	0.375 lb/ac	PPI	0	98	70	98	100	95	100
30B	TRIFLURALIN	4.00 E	0.500 lb/ac	PPI							
31A	F6285	4.00 F	0.375 lb/ac	PPI	0	98	38	98	100	95	100
31B	CLOMAZONE	4.00 EC	0.500 lb/ac	PPI							
32	F6285	75.00 DF	0.375 lb/ac	PPI	0	90	65	98	100	100	100
33	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100	100
34	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100	100
LSD(.05) :					NS	5	13	NS	7	5	10

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : PPI MAY 7
 MP JUNE 2
 3TR JUNE 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2014 SOYBEAN POSTEMERGENCE

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	4.00 MT	2.500 lb/ac	PRE	100	90	15	100	90	100	90	0	98	60	90	63
1B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP												
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
1D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
2A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	93	13	100	93	100	100	0	100	58	98	83
2B	FOMESAFEN	2.00 LC	0.250 lb/ac	MP												
2C	IMAZETHAPYR	2.00 AS	0.032 lb/ac	MP												
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
2E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
3A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	100	88	15	100	88	95	80	0	98	50	90	50
3B	FOMESAFEN	2.00 LC	0.250 lb/ac	MP												
3C	BENTAZON	4.00 E	0.500 lb/ac	MP												
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
4A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	100	95	25	100	95	100	100	0	100	80	100	90
4B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
5A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	100	98	25	100	98	100	98	0	100	90	100	88
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
5C	LACTOFEN	2.00 E	0.094 lb/ac	MP												
5D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
5E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
6A	CLETHODIM	0.94 EC	0.094 lb/ac	MP	100	25	0	100	0	35	58	0	100	0	45	25
6B	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
7A	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	MP	98	5	0	98	0	13	53	0	100	0	48	48
7B	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
8A	SETHOXYDIM 2	1.00 E	0.125 lb/ac	MP	100	0	0	100	0	0	35	0	100	0	33	43
8B	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2014 SOYBEAN POSTEMERGENCE

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	LACTOFEN	2.00 E	0.190 lb/ac	MP	35	68	45	38	83	65	73	15	0	68	40	53
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
10A	SAN 582H	7.50 EC	1.250 lb/ac	PRE	100	93	13	100	93	98	98	0	100	83	98	90
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
10C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
10D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
11A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.160 lb/ac	MP	100	90	5	100	90	90	73	0	100	48	35	23
11B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP												
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
12A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.160 lb/ac	MP	100	90	23	100	93	73	90	0	100	73	78	35
12B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP												
12C	BENTAZON	4.00 E	0.750 lb/ac	MP												
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
13A	FLUAZIFOP+FENOXAPROP	2.56 EC	0.160 lb/ac	MP	100	65	0	100	90	70	58	0	98	45	23	35
13B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
13C	BENTAZON	4.00 E	0.750 lb/ac	+7D												
13D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
14A	HOE 46360	0.67 E	0.120 lb/ac	MP	100	90	13	100	98	93	90	0	98	90	80	65
14B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
14C	BENTAZON	4.00 E	0.750 lb/ac	+7D												
14D	FOMESAFEN	2.00 LC	0.375 lb/ac	+7D												
14E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
15A	HOE 46360	0.67 E	0.060 lb/ac	MP	100	90	15	100	93	93	90	0	100	90	68	55
15B	FLUAZIFOP-BUYTL	1.00 E	0.094 lb/ac	MP												
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
15D	BENTAZON	4.00 E	0.750 lb/ac	+7D												
15E	FOMESAFEN	2.00 LC	0.375 lb/ac	+7D												
15F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
16A	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP	100	83	0	100	93	83	93	0	100	68	55	70
16B	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
16C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2014 SOYBEAN POSTEMERGENCE

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
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	3	100	93	90	100	0	98	90	85	90
17B	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
17C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
18A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	3	100	93	90	98	0	100	90	90	88
18B	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
19A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	13	100	93	90	95	0	100	80	90	90
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
19C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
20A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	5	100	93	90	100	0	100	88	88	90
20B	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
20C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
20D	CLETHODIM	0.94 EC	0.022 lb/ac	+7D												
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
21A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	10	100	95	90	98	0	100	88	88	90
21B	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
21C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
21D	CLETHODIM	0.94 EC	0.029 lb/ac	+7D												
21E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
22A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	8	100	93	93	95	0	100	88	90	88
22B	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
22C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
22D	CLETHODIM	0.94 EC	0.044 lb/ac	+7D												
22E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
23A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	13	100	95	90	100	0	100	85	90	88
23B	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
23C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
23D	FLUAZIFOP-BUYTL	1.00 E	0.063 lb/ac	+7D												
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
24A	IMAZETHAPYR	2.00 AS	0.032 lb/ac	MP	100	90	3	100	90	100	93	0	98	80	95	90
24B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP												
24C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
24D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2014 SOYBEAN POSTEMERGENCE

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
25A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	10	100	93	90	98	0	100	85	85	90
25B	CLETHODIM	0.94 EC	0.029 lb/ac	MP												
25C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
25D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
26A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	8	100	93	90	100	0	100	90	90	90
26B	CLETHODIM	0.94 EC	0.044 lb/ac	MP												
26C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
26D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
27A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	10	100	93	90	100	0	100	83	88	90
27B	CLETHODIM	0.94 EC	0.059 lb/ac	MP												
27C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
27D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
28A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	3	100	93	93	100	0	100	90	88	90
28B	FLUAZIFOP-BUYTL	1.00 E	0.078 lb/ac	MP												
28C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
28D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
29A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	5	100	93	90	100	0	100	83	85	90
29B	FLUAZIFOP-BUYTL	1.00 E	0.125 lb/ac	MP												
29C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
29D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
30A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	13	100	93	90	100	0	100	88	88	90
30B	SETHOXYDIM 2	1.00 E	0.078 lb/ac	MP												
30C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
30D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
31A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	13	100	93	90	95	0	100	93	88	90
31B	SETHOXYDIM 2	1.00 E	0.125 lb/ac	MP												
31C	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
31D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
32A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	5	100	93	90	100	0	100	83	85	88
32B	CLETHODIM	0.94 EC	0.022 lb/ac	MP												
32C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
32D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2014 SOYBEAN POSTEMERGENCE

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
33A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	8	100	93	90	100	0	100	88	80	90
33B	CLETHODIM	0.94 EC	0.029 lb/ac	MP												
33C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
33D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
34A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	5	100	93	90	98	0	100	83	83	88
34B	CLETHODIM	0.94 EC	0.044 lb/ac	MP												
34C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
34D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
35A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	8	100	95	90	100	3	100	88	88	90
35B	IMAZAQUIN	1.50 AS	0.023 lb/ac	MP												
35C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
35D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
36A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	85	5	100	93	90	100	0	100	85	88	90
36B	FLUAZIFOP-BUYTL	1.00 E	0.063 lb/ac	MP												
36C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
36D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
37A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	15	100	95	90	98	0	98	88	80	90
37B	LACTOFEN	2.00 E	0.063 lb/ac	MP												
37C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
37D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
38A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	15	100	98	90	93	0	100	93	80	88
38B	LACTOFEN	2.00 E	0.094 lb/ac	MP												
38C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
38D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
39A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	25	100	98	90	98	3	98	90	88	90
39B	LACTOFEN	2.00 E	0.125 lb/ac	MP												
39C	SUN-IT II	0.00 AD	0.750 qt/ac	MP												
39D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
40A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	15	100	95	90	88	0	95	88	80	88
40B	LACTOFEN	2.00 E	0.063 lb/ac	MP												
40C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
40D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2014 SOYBEAN POSTEMERGENCE

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
41A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	20	100	95	90	100	0	98	90	83	90
41B	LACTOFEN	2.00 E	0.094 lb/ac	MP												
41C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
41D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
42A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	100	90	13	100	93	90	98	0	100	90	80	90
42B	LACTOFEN	2.00 E	0.125 lb/ac	MP												
42C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP												
42D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
LSD(.05) :					3	8	11	3	6	15	18	NS	3	15	23	23

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : MP MAY 22
 +7D JUNE 1

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2027 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SOLPT	CRIN	SOLPT
1A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	MP	0	95	0	93
1B	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	95	0	95
2B	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
3A	DPX M6316	25.00 DF	0.002 lb/ac	MP	0	40	0	40
3B	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
4A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	43	0	38
4B	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
5A	DPX M6316	25.00 DF	0.002 lb/ac	MP	0	93	0	90
5B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
5C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
6A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	88	0	85
6B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP				
6C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
7A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	83	0	83
7B	IMAZETHAPYR	2.00 AS	0.047 lb/ac	MP				
7C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
8A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	93	0	90
8B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
8C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
9A	DPX M6316	25.00 DF	0.002 lb/ac	MP	0	28	0	28
9B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP				
9C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
10A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	18	0	23
10B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP				
10C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
11A	DPX M6316	25.00 DF	0.002 lb/ac	MP	0	85	0	88
11B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP				
11C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP				
11D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2027 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SOLPT	CRIN	SOLPT
12A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	83	0	78
12B	CHLORIMURON	25.00 DF	0.004 lb/ac	MP				
12C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP				
12D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
13A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	40	0	40
13B	QUIZALOFOP	0.80 E	0.005 lb/ac	MP				
13C	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
14A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	83	0	83
14B	QUIZALOFOP	0.80 E	0.005 lb/ac	MP				
14C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP				
14D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
15A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	90	0	88
15B	QUIZALOFOP	0.80 E	0.005 lb/ac	MP				
15C	IMAZETHAPYR	2.00 AS	0.047 lb/ac	MP				
15D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
16A	DPX M6316	25.00 DF	0.004 lb/ac	MP	0	93	0	90
16B	QUIZALOFOP	0.80 E	0.005 lb/ac	MP				
16C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
16D	X-77 (SURFACTANT)	0.50 WA	0.125 %	MP				
17A	QUIZALOFOP	0.80 E	0.040 lb/ac	MP	0	88	0	88
17B	CHLORIMURON	25.00 DF	0.002 lb/ac	MP				
17C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
18	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	0	100
LSD(.05) :					NS	19	NS	19

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : MP JUNE 24

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-3D-- -----2 WEEKS AFTER APPLIED-----										
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
1A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	5	100	48	0	100	83	33	75	100	100	90
1B	BENTAZON	4.00 E	0.500 lb/ac	LLP											
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
2A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	10	100	48	3	100	88	25	63	100	100	98
2B	BENTAZON	4.00 E	0.500 lb/ac	LLP											
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
2D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP											
3A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	15	73	65	8	100	95	40	78	100	100	100
3B	BENTAZON	4.00 E	1.000 lb/ac	LLP											
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
3D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP											
4A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	15	100	63	3	98	98	35	88	100	100	63
4B	V-23031	0.86 EC	0.026 lb/ac	LLP											
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
5A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	15	98	60	5	100	95	58	85	100	100	58
5B	V-23031	0.86 EC	0.026 lb/ac	LLP											
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
5D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP											
6A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	15	100	70	8	100	95	48	90	100	100	88
6B	V-23031	0.86 EC	0.026 lb/ac	LLP											
6C	BENTAZON	4.00 E	0.500 lb/ac	LLP											
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
7A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	23	100	70	3	100	95	50	95	100	100	100
7B	V-23031	0.86 EC	0.026 lb/ac	LLP											
7C	BENTAZON	4.00 E	1.000 lb/ac	LLP											
7D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP											
8A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	28	100	70	10	100	95	48	90	100	100	65
8B	V-23031	0.86 EC	0.026 lb/ac	LLP											
8C	BENTAZON	4.00 E	0.500 lb/ac	LLP											
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP											
8E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-2 WEEKS AFTER APPLIED-										
					-3D-- CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
9A	BENTAZON	4.00 E	1.000 lb/ac	4LF	3	63	65	3	63	95	83	45	38	8	100
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF											
9C	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
10A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	10	98	80	3	98	90	98	90	53	25	100
10B	BENTAZON	4.00 E	1.000 lb/ac	3LF											
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF											
11A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	13	100	48	3	100	93	80	48	35	10	98
11B	BENTAZON	4.00 E	1.000 lb/ac	4"G											
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G											
12A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	10	83	43	3	83	90	30	98	75	100	100
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF											
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF											
13A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	28	100	50	8	100	100	38	100	13	100	100
13B	CHLORIMURON	25.00 DF	0.008 lb/ac	4"G											
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G											
14A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	35	100	90	13	100	93	90	90	100	100	98
14B	FOMESAFEN	2.00 LC	0.375 lb/ac	3LF											
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF											
15A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	70	98	75	35	98	95	88	83	98	98	33
15B	LACTOFEN	2.00 E	0.100 lb/ac	4"G											
15C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4"G											
16A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	45	100	80	15	100	100	75	95	100	100	100
16B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4"G											
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G											
17A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	65	100	88	53	100	93	88	90	100	100	98
17B	QUIZALOFOP	0.80 E	0.080 lb/ac	3LF											
17C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF											
18A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	60	100	90	35	100	98	88	93	100	100	98
18B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	3LF											
18C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-2 WEEKS AFTER APPLIED-											
					-3D-- CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	
19A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	65	95	88	50	95	98	90	90	100	100	95	
19B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF												
19C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
20A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	40	100	88	18	100	100	90	90	100	100	100	
20B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF												
20C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
20D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
21A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	18	100	78	3	100	100	78	90	100	100	100	
21B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF												
21C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
21D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
21E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
22A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	58	100	90	25	100	100	90	93	100	100	100	
22B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF												
22C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF												
22D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
22E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
23A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	18	100	83	13	100	95	73	98	100	100	100	
23B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF												
23C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
23D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
24A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	30	100	68	13	100	95	65	100	100	100	100	
24B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF												
24C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
24D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
25A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	38	100	88	13	100	100	88	95	100	100	100	
25B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF												
25C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
25D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-3D-- -----2 WEEKS AFTER APPLIED-----											
					CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	
26A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	60	100	90	23	100	98	90	95	100	100	100	
26B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF												
26C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
26D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
27A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	20	100	85	8	100	93	88	93	100	100	100	
27B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF												
27C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
27D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
27E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
28A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	43	100	90	13	100	98	90	95	100	100	75	
28B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF												
28C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
28D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
28E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
29A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	45	100	88	15	100	93	90	88	100	100	100	
29B	DPX M6316	25.00 DF	0.003 lb/ac	3LF												
29C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
29D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
29E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
30A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	5	100	83	5	100	90	90	90	75	100	100	
30B	DPX M6316	25.00 DF	0.003 lb/ac	3LF												
30C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
30D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
30E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												
31A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	50	100	90	18	100	93	90	85	98	98	100	
31B	DPX M6316	25.00 DF	0.003 lb/ac	3LF												
31C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF												
31D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D												
31E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-2 WEEKS AFTER APPLIED-										
					-3D-- CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
32A	LACTOFEN	2.00 E	0.125 lb/ac	4LF	73	85	90	53	85	93	95	88	100	100	100
32B	DPX M6316	25.00 DF	0.001 lb/ac	4LF											
32C	X-77 (SURFACTANT)	0.50 WA	0.125 %	4LF											
32D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF											
32E	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
32F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
33A	LACTOFEN	2.00 E	0.094 lb/ac	4LF	70	90	80	35	90	90	88	73	98	95	75
33B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF											
33C	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
33D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
34A	LACTOFEN	2.00 E	0.125 lb/ac	4LF	78	90	85	38	90	90	88	85	100	100	75
34B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF											
34C	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
34D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
35A	V-23031	0.86 EC	0.026 lb/ac	4LF	45	90	75	15	90	93	90	63	98	70	28
35B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF											
35C	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
35D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
36A	V-23031	0.86 EC	0.026 lb/ac	4LF	78	85	88	43	85	90	93	80	100	100	63
36B	LACTOFEN	2.00 E	0.094 lb/ac	4LF											
36C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF											
36D	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
37A	V-23031	0.86 EC	0.026 lb/ac	4LF	80	93	88	40	93	93	93	85	98	98	63
37B	LACTOFEN	2.00 E	0.125 lb/ac	4LF											
37C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF											
37D	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											
38A	V-23031	0.86 EC	0.026 lb/ac	4LF	80	80	88	45	68	93	93	83	98	98	70
38B	LACTOFEN	2.00 E	0.125 lb/ac	4LF											
38C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF											
38D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF											
38E	CLETHODIM	0.94 EC	0.094 lb/ac	+14											
38F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLIED-----											
					-3D-- CRIN	GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY	
39A	V-23031	0.86 EC	0.026 lb/ac	4LF	75	90	88	40	90	90	90	85	100	100	68	
39B	LACTOFEN	2.00 E	0.125 lb/ac	4LF												
39C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF												
39D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF												
39E	CLETHODIM	0.94 EC	0.094 lb/ac	+14												
39F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14												
40	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	0	100	100	100	100	100	100	100	
			LSD(.05) :		15	16	12	15	13	7	19	18	20	14	23	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : PRE MAY 7
 3LF MAY 22
 +7D JUNE 1
 4LF JUNE 1
 +14D JUNE 15
 4" G JUNE 1
 LLP JUNE 12

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
1A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	100	23	0	100	65	23	53	100	100	93
1B	BENTAZON	4.00 E	0.500 lb/ac	LLP										
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
2A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	100	28	0	100	90	15	60	100	93	98
2B	BENTAZON	4.00 E	0.500 lb/ac	LLP										
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
2D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP										
3A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	98	35	3	98	73	8	63	100	100	95
3B	BENTAZON	4.00 E	1.000 lb/ac	LLP										
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
3D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP										
4A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	98	43	0	100	90	50	80	100	100	63
4B	V-23031	0.86 EC	0.026 lb/ac	LLP										
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
5A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	98	38	0	98	90	50	83	100	100	85
5B	V-23031	0.86 EC	0.026 lb/ac	LLP										
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
5D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP										
6A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	98	50	3	98	95	33	85	100	100	90
6B	V-23031	0.86 EC	0.026 lb/ac	LLP										
6C	BENTAZON	4.00 E	0.500 lb/ac	LLP										
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
7A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	98	43	3	98	95	23	90	100	100	100
7B	V-23031	0.86 EC	0.026 lb/ac	LLP										
7C	BENTAZON	4.00 E	1.000 lb/ac	LLP										
7D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP										
8A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	95	43	5	95	93	35	90	100	100	78
8B	V-23031	0.86 EC	0.026 lb/ac	LLP										
8C	BENTAZON	4.00 E	0.500 lb/ac	LLP										
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP										
8E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
9A	BENTAZON	4.00 E	1.000 lb/ac	4LF	100	58	0	100	95	78	80	45	5	100
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF										
9C	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
10A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	95	60	0	100	93	98	80	18	20	100
10B	BENTAZON	4.00 E	1.000 lb/ac	3LF										
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF										
11A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	100	43	0	100	93	60	75	38	5	100
11B	BENTAZON	4.00 E	1.000 lb/ac	4"G										
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G										
12A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	100	55	0	100	90	43	95	50	100	100
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF										
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF										
13A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	98	53	5	100	98	18	83	0	95	95
13B	CHLORIMURON	25.00 DF	0.008 lb/ac	4"G										
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G										
14A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	98	90	0	100	93	90	83	93	100	98
14B	FOMESAFEN	2.00 LC	0.375 lb/ac	3LF										
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF										
15A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	100	43	5	100	88	60	78	98	98	20
15B	LACTOFEN	2.00 E	0.100 lb/ac	4"G										
15C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4"G										
16A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	98	80	3	98	100	65	90	100	100	98
16B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4"G										
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G										
17A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	98	75	0	100	93	80	73	98	100	93
17B	QUIZALOFOP	0.80 E	0.080 lb/ac	3LF										
17C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF										
18A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	93	80	0	100	95	80	90	98	100	88
18B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	3LF										
18C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE 111

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
19A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	90	78	0	100	93	75	80	95	100	93
19B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF										
19C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF										
20A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	100	90	0	100	100	88	88	100	100	100
20B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF										
20C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF										
20D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
21A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	100	73	0	100	98	73	73	100	100	98
21B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF										
21C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF										
21D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
21E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
22A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	100	88	5	100	100	88	90	100	100	100
22B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF										
22C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF										
22D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
22E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
23A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	100	85	0	100	93	85	90	98	100	100
23B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF										
23C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
23D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
24A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	100	83	0	100	93	63	93	93	100	100
24B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF										
24C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
24D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
25A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	98	83	0	100	98	80	90	95	100	100
25B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF										
25C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
25D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
26A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	100	90	0	100	93	90	90	100	100	100
26B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF										
26C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
26D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
27A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	100	85	5	100	93	83	93	100	100	100
27B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF										
27C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
27D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
27E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
28A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	100	93	0	100	98	93	95	100	100	63
28B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF										
28C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
28D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
28E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
29A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	98	83	0	100	90	90	65	93	100	100
29B	DPX M6316	25.00 DF	0.003 lb/ac	3LF										
29C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
29D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
29E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
30A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	100	80	0	100	88	90	53	38	95	100
30B	DPX M6316	25.00 DF	0.003 lb/ac	3LF										
30C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
30D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
30E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										
31A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	95	88	0	100	93	90	63	83	90	100
31B	DPX M6316	25.00 DF	0.003 lb/ac	3LF										
31C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF										
31D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D										
31E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
32A	LACTOFEN	2.00 E	0.125 lb/ac	4LF	100	85	13	100	90	93	85	98	100	95
32B	DPX M6316	25.00 DF	0.001 lb/ac	4LF										
32C	X-77 (SURFACTANT)	0.50 WA	0.125 %	4LF										
32D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF										
32E	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
32F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
33A	LACTOFEN	2.00 E	0.094 lb/ac	4LF	90	55	13	100	88	60	78	98	95	63
33B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF										
33C	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
33D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
34A	LACTOFEN	2.00 E	0.125 lb/ac	4LF	100	65	8	100	83	73	75	100	93	80
34B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF										
34C	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
34D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
35A	V-23031	0.86 EC	0.026 lb/ac	4LF	100	53	0	100	93	80	73	98	60	33
35B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF										
35C	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
35D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
36A	V-23031	0.86 EC	0.026 lb/ac	4LF	100	60	13	100	88	93	73	100	88	48
36B	LACTOFEN	2.00 E	0.094 lb/ac	4LF										
36C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF										
36D	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
37A	V-23031	0.86 EC	0.026 lb/ac	4LF	100	63	13	100	88	88	80	95	98	43
37B	LACTOFEN	2.00 E	0.125 lb/ac	4LF										
37C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF										
37D	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
38A	V-23031	0.86 EC	0.026 lb/ac	4LF	100	63	10	100	85	88	75	100	100	60
38B	LACTOFEN	2.00 E	0.125 lb/ac	4LF										
38C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF										
38D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF										
38E	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
38F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
39A	V-23031	0.86 EC	0.026 lb/ac	4LF	100	58	8	100	80	90	78	100	100	60
39B	LACTOFEN	2.00 E	0.125 lb/ac	4LF										
39C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF										
39D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF										
39E	CLETHODIM	0.94 EC	0.094 lb/ac	+14										
39F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14										
40	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100	100	100
			LSD(.05) :		6	15	8	NS	15	21	12	17	15	26

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : PRE AMY 7
 3LF MAY 22
 +7D JUNE 1
 4LF JUNE 1
 +14D JUNE 15
 4" G JUNE 1
 LLP JUNE 12

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
1A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	98	48	45	38	100	100	93
1B	BENTAZON	4.00 E	0.500 lb/ac	LLP								
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
2A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	95	93	45	70	100	100	98
2B	BENTAZON	4.00 E	0.500 lb/ac	LLP								
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
2D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP								
3A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	98	100	33	65	100	100	98
3B	BENTAZON	4.00 E	1.000 lb/ac	LLP								
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
3D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP								
4A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	98	85	45	85	100	100	65
4B	V-23031	0.86 EC	0.026 lb/ac	LLP								
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
5A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	95	80	73	83	100	100	63
5B	V-23031	0.86 EC	0.026 lb/ac	LLP								
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
5D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP								
6A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	93	88	35	85	100	100	90
6B	V-23031	0.86 EC	0.026 lb/ac	LLP								
6C	BENTAZON	4.00 E	0.500 lb/ac	LLP								
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
7A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	100	93	18	80	100	100	100
7B	V-23031	0.86 EC	0.026 lb/ac	LLP								
7C	BENTAZON	4.00 E	1.000 lb/ac	LLP								
7D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP								
8A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	88	93	25	85	100	100	83
8B	V-23031	0.86 EC	0.026 lb/ac	LLP								
8C	BENTAZON	4.00 E	0.500 lb/ac	LLP								
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP								
8E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
9A	BENTAZON	4.00 E	1.000 lb/ac	4LF	3	100	90	70	60	50	0	75
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF								
9C	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
10A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	0	95	58	90	53	18	0	100
10B	BENTAZON	4.00 E	1.000 lb/ac	3LF								
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF								
11A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	0	100	85	80	48	38	5	100
11B	BENTAZON	4.00 E	1.000 lb/ac	4"G								
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G								
12A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	0	100	90	8	85	48	100	100
12B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF								
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF								
13A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	0	98	98	45	85	0	95	98
13B	CHLORIMURON	25.00 DF	0.008 lb/ac	4"G								
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G								
14A	CLETHODIM	0.94 EC	0.094 lb/ac	3LF	0	98	80	53	65	95	100	100
14B	FOMESAFEN	2.00 LC	0.375 lb/ac	3LF								
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF								
15A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	0	100	73	38	55	98	98	18
15B	LACTOFEN	2.00 E	0.100 lb/ac	4"G								
15C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4"G								
16A	CLETHODIM	0.94 EC	0.094 lb/ac	4"G	0	98	95	68	83	100	100	98
16B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4"G								
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"G								
17A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	0	90	78	8	48	98	100	98
17B	QUIZALOFOP	0.80 E	0.080 lb/ac	3LF								
17C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF								
18A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	0	93	78	10	63	95	98	93
18B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	3LF								
18C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
19A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	0	90	83	0	33	95	100	98
19B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF								
19C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF								
20A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	3	98	95	60	60	100	100	100
20B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF								
20C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF								
20D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
21A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	98	93	45	35	100	100	95
21B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF								
21C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF								
21D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
21E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
22A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	95	98	38	63	100	100	93
22B	IMAZAQUIN	1.50 AS	0.094 lb/ac	3LF								
22C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF								
22D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
22E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
23A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	98	93	33	73	88	100	100
23B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF								
23C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
23D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
24A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	100	93	20	90	5	100	100
24B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF								
24C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
24D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
25A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	100	95	0	88	95	100	100
25B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF								
25C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
25D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
26A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	95	90	75	75	100	100	98
26B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF								
26C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
26D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
27A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	100	80	35	63	100	100	100
27B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF								
27C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
27D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
27E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
28A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	100	90	78	75	98	100	93
28B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF								
28C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
28D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
28E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
29A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	100	48	88	40	95	100	98
29B	DPX M6316	25.00 DF	0.003 lb/ac	3LF								
29C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
29D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
29E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
30A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	100	23	85	25	55	98	100
30B	DPX M6316	25.00 DF	0.003 lb/ac	3LF								
30C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
30D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
30E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
31A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	95	55	85	40	90	95	100
31B	DPX M6316	25.00 DF	0.003 lb/ac	3LF								
31C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF								
31D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D								
31E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT	AMACH	POLPY
32A	LACTOFEN	2.00 E	0.125 lb/ac	4LF	0	75	43	63	50	73	75	70
32B	DPX M6316	25.00 DF	0.001 lb/ac	4LF								
32C	X-77 (SURFACTANT)	0.50 WA	0.125 %	4LF								
32D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF								
32E	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
32F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
33A	LACTOFEN	2.00 E	0.094 lb/ac	4LF	0	100	65	53	60	98	95	63
33B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF								
33C	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
33D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
34A	LACTOFEN	2.00 E	0.125 lb/ac	4LF	0	100	53	50	38	100	93	80
34B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF								
34C	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
34D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
35A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	100	63	68	65	98	55	30
35B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF								
35C	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
35D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
36A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	100	55	85	58	100	88	43
36B	LACTOFEN	2.00 E	0.094 lb/ac	4LF								
36C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF								
36D	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
37A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	100	60	73	70	95	93	40
37B	LACTOFEN	2.00 E	0.125 lb/ac	4LF								
37C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF								
37D	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
38A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	100	50	70	60	100	98	60
38B	LACTOFEN	2.00 E	0.125 lb/ac	4LF								
38C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	4LF								
38D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF								
38E	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
38F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2033 SOYBEAN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	XANSI	CHEAL	IPOHE	SOLPT	AMACH	POLPY
39A	V-23031	0.86 EC	0.026 lb/ac	4LF	0	100	50	83	58	100	100	53
39B	LACTOFEN	2.00 E	0.125 lb/ac	4LF								
39C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4LF								
39D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	4LF								
39E	CLETHODIM	0.94 EC	0.094 lb/ac	+14								
39F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14								
40	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100	100	100

LSD(.05) :

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 7
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.7 O.M. : 4.30 %
 DATE TREATED : PRE AMY 7
 3LF MAY 22
 +7D
 4LF
 +14D
 4" G
 LLP

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2022 SOYBEAN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					-8 WEEKS AFTER APPLIED-				
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	ABUTH	CRIN	SETFA	CHEAL	ABUTH
1	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	45	58	0	45	88	38	0	43	83	30
2	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	PRE	43	35	0	43	55	23	0	38	53	20
3A	DPX M6316	25.00 DF	0.004 lb/ac	4"	0	100	0	0	100	100	0	0	95	93
3B	CHLORIMURON	25.00 DF	0.008 lb/ac	4"										
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"										
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	4"										
4A	DPX M6316	25.00 DF	0.004 lb/ac	4"	0	100	0	0	98	100	0	0	98	95
4B	CHLORIMURON	25.00 DF	0.012 lb/ac	4"										
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"										
4D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	4"										
5A	DPX M6316	25.00 DF	0.008 lb/ac	4"	0	100	0	0	98	100	0	0	98	95
5B	CHLORIMURON	25.00 DF	0.004 lb/ac	4"										
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"										
5D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	4"										
6A	DPX M6316	25.00 DF	0.008 lb/ac	4"	0	98	0	0	98	95	0	0	95	88
6B	CHLORIMURON	25.00 DF	0.008 lb/ac	4"										
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"										
6D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	4"										
7A	DPX M6316	25.00 DF	0.008 lb/ac	4"	0	93	0	0	100	93	0	0	98	85
7B	CHLORIMURON	25.00 DF	0.012 lb/ac	4"										
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"										
7D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	4"										
8A	DPX M6316	25.00 DF	0.004 lb/ac	4"	75	80	0	75	83	80	0	73	78	75
8B	CHLORIMURON	25.00 DF	0.008 lb/ac	4"										
8C	QUIZALOFOP	0.80 E	0.040 lb/ac	4"										
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4"										
8E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	4"										
9A	DPX M6316	25.00 DF	0.004 lb/ac	4"	100	78	0	100	90	73	0	100	90	68
9B	SETHOXYDIM 2	1.00 E	0.188 lb/ac	4"										
9C	DASH	0.00 AD	1.000 qt/ac	4"										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2022 SOYBEAN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----					-8 WEEKS AFTER APPLIED-				
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	ABUTH	CRIN	SETFA	CHEAL	ABUTH
10A	DPX N6316	25.00 DF	0.004 lb/ac	4"	80	98	5	80	100	98	0	80	95	93
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4"										
10C	SUN-IT II	0.00 AD	1.000 qt/ac	4"										
11	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	0	100	100	100
12	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	0	100	100	100
LSD(.05) :					17	13	NS	17	19	11	NS	17	19	16

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.30 %
 DATE TREATED : PRE MAY 6
 4" JUNE 3

STS SOYBEANS ONLY

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2034 SOYBEAN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
1A	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP	100	85	5	100	93	83	90	98
1B	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
2A	IMAZETHAPYR	2.00 AS	0.031 lb/ac	EP	100	60	0	100	75	45	85	100
2B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
2C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	EP								
3A	BENTAZON+ACIFLUOR. 2	3.67 E	0.920 lb/ac	EP	100	73	35	100	78	88	35	40
3B	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	EP								
3C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
4A	BENTAZON+ACIFLUOR. 2	3.67 E	0.920 lb/ac	3TR	100	78	13	100	90	85	83	93
4B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3TR								
4C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
5A	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP	100	73	13	100	88	78	38	53
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
5C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
6A	DPX M6316	25.00 DF	0.002 lb/ac	3TR	100	85	8	100	88	90	60	68
6B	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
6C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
6D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
6E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
7A	DPX M6316	25.00 DF	0.004 lb/ac	3TR	100	80	18	100	90	98	50	20
7B	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
7C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
7D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
7E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
8A	BENTAZON	4.00 E	0.500 lb/ac	EP	100	60	0	100	78	73	50	23
8B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
8C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	EP								
8D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
8E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2034 SOYBEAN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
9A	BENTAZON	4.00 E	0.750 lb/ac	EP	100	48	0	100	60	70	48	35
9B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
9C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	EP								
9D	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
10A	BENTAZON	4.00 E	0.500 lb/ac	3TR	100	75	0	100	85	93	45	35
10B	DPX M6316	25.00 DF	0.002 lb/ac	3TR								
10C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
10D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
10E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
10F	DASH	0.00 AD	1.250 qt/ac	+7D								
11A	BENTAZON	4.00 E	0.500 lb/ac	3TR	100	75	0	100	90	95	48	25
11B	DPX M6316	25.00 DF	0.003 lb/ac	3TR								
11C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
11D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
11E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
11F	DASH	0.00 AD	1.250 qt/ac	+7D								
12A	BENTAZON	4.00 E	0.750 lb/ac	3TR	100	85	13	100	90	90	53	45
12B	DPX M6316	25.00 DF	0.002 lb/ac	3TR								
12C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
12D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
12E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
12F	DASH	0.00 AD	1.250 qt/ac	+7D								
13A	BENTAZON	4.00 E	0.750 lb/ac	3TR	100	80	0	100	93	90	50	15
13B	DPX M6316	25.00 DF	0.003 lb/ac	3TR								
13C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
13D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
13E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
13F	DASH	0.00 AD	1.250 qt/ac	+7D								
14A	ACIFLUORFEN	2.00 L	0.125 lb/ac	3TR	100	73	20	100	88	73	68	83
14B	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
14C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
14D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2034 SOYBEAN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
15A	ACIFLUORFEN	2.00 L	0.250 lb/ac	3TR	100	75	28	100	90	60	70	63
15B	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
15C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
15D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
16A	ACIFLUORFEN	2.00 L	0.380 lb/ac	3TR	100	80	38	100	90	73	73	93
16B	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
16C	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
16D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
17A	ACIFLUORFEN	2.00 L	0.125 lb/ac	3TR	100	90	13	100	90	98	70	83
17B	DPX M6316	25.00 DF	0.002 lb/ac	3TR								
17C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
17D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
17E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
17F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
18A	ACIFLUORFEN	2.00 L	0.125 lb/ac	3TR	100	88	20	100	90	90	65	73
18B	DPX M6316	25.00 DF	0.004 lb/ac	3TR								
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
18D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
18E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
18F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
19A	ACIFLUORFEN	2.00 L	0.250 lb/ac	3TR	100	85	18	100	90	88	73	83
19B	DPX M6316	25.00 DF	0.002 lb/ac	3TR								
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
19D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
19E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
19F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
20A	ACIFLUORFEN	2.00 L	0.250 lb/ac	3TR	100	90	30	100	90	90	78	68
20B	DPX M6316	25.00 DF	0.004 lb/ac	3TR								
20C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3TR								
20D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR								
20E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
20F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2034 SOYBEAN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	IPOHE	SOLPT
21A	ACIFLUORFEN	2.00 L	0.125 lb/ac	3LF	100	90	33	100	90	95	90	90
21B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	3LF								
21C	SUN-IT II	0.00 AD	1.000 qt/ac	3LF								
21D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3LF								
21E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
21F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
22A	ACIFLUORFEN	2.00 L	0.125 lb/ac	3LF	100	93	28	100	95	100	93	100
22B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF								
22C	SUN-IT II	0.00 AD	1.000 qt/ac	3LF								
22D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3LF								
22E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
22F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
23A	ACIFLUORFEN	2.00 L	0.250 lb/ac	3LF	100	90	18	100	90	100	85	100
23B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	3LF								
23C	SUN-IT II	0.00 AD	1.000 qt/ac	3LF								
23D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3LF								
23E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
23F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
24A	ACIFLUORFEN	2.00 L	0.250 lb/ac	3LF	100	90	40	100	90	100	90	100
24B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF								
24C	SUN-IT II	0.00 AD	1.000 qt/ac	3LF								
24D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3LF								
24E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
24F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
25A	ACIFLUORFEN	2.00 L	0.380 lb/ac	3LF	100	90	43	100	90	98	90	100
25B	IMAZETHAPYR	2.00 AS	0.031 lb/ac	3LF								
25C	SUN-IT II	0.00 AD	1.000 qt/ac	3LF								
25D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3LF								
25E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
25F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
26A	ACIFLUORFEN	2.00 L	0.380 lb/ac	3LF	100	85	63	100	98	100	95	100
26B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF								
26C	SUN-IT II	0.00 AD	1.000 qt/ac	3LF								
26D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	3LF								
26E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	+7D								
26F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D								
LSD(.05) :					NS	12	19	NS	11	17	26	34

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----10 DAYS-----			
					CRIN	CRIN	CHEAL	ABUTH
28A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	40	37	87	63
28B	DPX M6316	25.00 DF	0.003 lb/ac	3LF				
28C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
28D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
28E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
29A	LACTOFEN	2.00 E	0.125 lb/ac	7LF	33	27	67	83
29B	DPX M6316	25.00 DF	0.001 lb/ac	7LF				
29C	X-77 (SURFACTANT)	0.50 WA	0.125 %	7LF				
29D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF				
29E	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
29F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
30A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	43	40	47	73
30B	QUIZALOFOP	0.80 E	0.080 lb/ac	3LF				
30C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF				
31A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	40	37	40	67
31B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	3LF				
31C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF				
32A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	37	33	57	67
32B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF				
32C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF				
33A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	20	17	100	97
33B	LACTOFEN	2.00 E	0.100 lb/ac	3LF				
33C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
34A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	20	17	100	100
34B	LACTOFEN	2.00 E	0.125 lb/ac	3LF				
34C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
35A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	27	23	100	100
35B	LACTOFEN	2.00 E	0.150 lb/ac	3LF				
35C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
36A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	27	23	97	97
36B	LACTOFEN	2.00 E	0.200 lb/ac	3LF				
36C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----10 DAYS-----			
					CRIN	CRIN	CHEAL	ABUTH
37A	LACTOFEN	2.00 E	0.094 lb/ac	7LF	57	53	33	77
37B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
37C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
37D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
38A	LACTOFEN	2.00 E	0.125 lb/ac	7LF	47	40	33	67
38B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
38C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
38D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
39A	BENTAZON	4.00 E	1.000 lb/ac	7LF	27	27	33	67
39B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	7LF				
39C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
39D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
40	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PPI	0	0	80	83
41A	V-23031	0.86 EC	0.026 lb/ac	7LF	40	33	47	67
41B	LACTOFEN	2.00 E	0.094 lb/ac	7LF				
41C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
41D	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
41E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
42	METALACHLOR + DE-498	7.67 EC	1.870 lb/ac	PRE	13	13	90	87
43	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PPI	0	0	43	77
44	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PPI	0	0	83	80
45	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	0	0	40	47
46	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PPI	0	0	67	57
47	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	0	0	97	87
48	F6285	4.00 F	0.375 lb/ac	PPI	0	0	93	73
49A	F6285	4.00 F	0.375 lb/ac	PPI	0	0	97	43
49B	TRIFLURALIN	4.00 E	0.500 lb/ac	PPI				
50	F6285	75.00 DF	0.375 lb/ac	PPI	0	0	90	77

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	3 DAY -----10 DAYS-----			
					CRIN	CRIN	CHEAL	ABUTH
51A	V-23031	0.86 EC	0.026 lb/ac	7LF	13	10	27	43
51B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
51C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
51D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
52A	V-23031	0.86 EC	0.026 lb/ac	7LF	40	33	47	67
52B	LACTOFEN	2.00 E	0.094 lb/ac	7LF				
52C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
52D	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
52E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
53A	V-23031	0.86 EC	0.026 lb/ac	7LF	53	47	40	70
53B	LACTOFEN	2.00 E	0.125 lb/ac	7LF				
53C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
53D	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
53E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
54A	V-23031	0.86 EC	0.026 lb/ac	7LF	40	33	50	67
54B	LACTOFEN	2.00 E	0.125 lb/ac	7LF				
54C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
54D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF				
54E	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
54F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
55A	V-23031	0.86 EC	0.026 lb/ac	7LF	53	50	47	60
55B	LACTOFEN	2.00 E	0.125 lb/ac	7LF				
55C	X-77 (SURFACTANT)	0.50 WA	0.250 %	7LF				
55D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF				
55E	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
55F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
56	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	100	100
				LSD(.05) :	17	16	22	19

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 6
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.7 O.M. : 3.89 %
DATE TREATED : PRE MAY 6
PPI MAY 6
3LF MAY 31
+7D JUNE 6
MP MAY 31
7LF JUNE 10
+14D JUNE 24
LLP JUNE 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	CHEAL	ABUTH	CRIN	CHEAL	ABUTH
1A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	13	67	80	0	63	77
1B	BENTAZON	4.00 E	0.500 lb/ac	LLP						
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
2A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	43	63	0	40	63
2B	BENTAZON	4.00 E	0.500 lb/ac	LLP						
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
2D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP						
3A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	70	83	0	67	77
3B	BENTAZON	4.00 E	1.000 lb/ac	LLP						
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
3D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP						
4A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	53	87	0	47	80
4B	V-23031	0.86 EC	0.026 lb/ac	LLP						
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
5A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	63	80	0	57	73
5B	V-23031	0.86 EC	0.026 lb/ac	LLP						
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
5D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP						
6A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	7	70	80	0	70	77
6B	V-23031	0.86 EC	0.026 lb/ac	LLP						
6C	BENTAZON	4.00 E	0.500 lb/ac	LLP						
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
7A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	17	90	90	0	87	90
7B	V-23031	0.86 EC	0.026 lb/ac	LLP						
7C	BENTAZON	4.00 E	0.500 lb/ac	LLP						
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP						
7E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP						
8A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	13	100	97	0	97	97
8B	V-23031	0.86 EC	0.026 lb/ac	LLP						
8C	BENTAZON	4.00 E	0.500 lb/ac	LLP						
8D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP						
9	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PPI	3	90	80	0	87	77

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	CHEAL	ABUTH	CRIN	CHEAL	ABUTH
10	IMAZAQUIN + TRIFLURA	3.00 EC	0.870 lb/ac	PPI	7	90	57	0	80	57
11	TRIFLURALIN	4.00 E	0.960 lb/ac	PPI	7	37	37	0	30	33
12A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	7	100	100	0	93	93
12B	IMAZAQUIN	1.50 AS	0.082 lb/ac	PPI						
12C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP						
12D	SUN-IT II	0.00 AD	0.750 qt/ac	MP						
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
13	METOLACHLOR	8.00 E	2.000 lb/ac	PPI	0	0	20	0	0	17
14	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	3	17	0	3	10
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	13	47	77	0	43	70
15B	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
15C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
16A	IMAZETHAPYR	2.00 AS	0.032 lb/ac	MP	3	97	97	0	87	87
16B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP						
16C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
16D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
17A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	0	17	73	0	17	70
17B	BENTAZON	4.00 E	0.250 lb/ac	3TR						
17C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR						
18A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	3	17	57	0	13	53
18B	BENTAZON	4.00 E	0.500 lb/ac	3TR						
18C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR						
19A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	40	80	80	10	77	73
19B	DPX M6316	25.00 DF	0.002 lb/ac	3TR						
19C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR						
20A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	23	47	87	0	37	83
20B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF						
20C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
20D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	CHEAL	ABUTH	CRIN	CHEAL	ABUTH
21A	LACTOFEN	2.00 E	0.100 lb/ac	3LF	27	73	83	3	73	77
21B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF						
21C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
21D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
21E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
22A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	33	63	83	3	57	77
22B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF						
22C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
22D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
22E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
23A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	33	67	93	7	70	87
23B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF						
23C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
23D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
24A	LACTOFEN	2.00 E	0.100 lb/ac	3LF	37	73	93	7	60	83
24B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF						
24C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
24D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
25A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	50	83	93	17	80	93
25B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF						
25C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
25D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
26A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	20	77	73	0	77	73
26B	DPX M6316	25.00 DF	0.003 lb/ac	3LF						
26C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
26D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
27A	LACTOFEN	2.00 E	0.100 lb/ac	3LF	20	53	73	3	50	67
27B	DPX M6316	25.00 DF	0.003 lb/ac	3LF						
27C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
27D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
27E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	CHEAL	ABUTH	CRIN	CHEAL	ABUTH
28A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	33	87	63	7	83	57
28B	DPX M6316	25.00 DF	0.003 lb/ac	3LF						
28C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
28D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D						
28E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D						
29A	LACTOFEN	2.00 E	0.125 lb/ac	7LF	20	67	83	3	67	80
29B	DPX M6316	25.00 DF	0.001 lb/ac	7LF						
29C	X-77 (SURFACTANT)	0.50 WA	0.125 %	7LF						
29D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF						
29E	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
29F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
30A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	37	47	73	10	43	67
30B	QUIZALOFOP	0.80 E	0.080 lb/ac	3LF						
30C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF						
31A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	33	40	67	3	37	67
31B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	3LF						
31C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF						
32A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	30	57	67	3	57	67
32B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF						
32C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF						
33A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	13	100	97	3	93	93
33B	LACTOFEN	2.00 E	0.100 lb/ac	3LF						
33C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
34A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	100	100	0	93	93
34B	LACTOFEN	2.00 E	0.125 lb/ac	3LF						
34C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
35A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	20	100	100	3	97	100
35B	LACTOFEN	2.00 E	0.150 lb/ac	3LF						
35C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						
36A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	3	97	97	0	87	87
36B	LACTOFEN	2.00 E	0.200 lb/ac	3LF						
36C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	CHEAL	ABUTH	CRIN	CHEAL	ABUTH
37A	LACTOFEN	2.00 E	0.094 lb/ac	7LF	47	33	77	17	30	77
37B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
37C	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
37D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
38A	LACTOFEN	2.00 E	0.125 lb/ac	7LF	33	33	67	7	27	60
38B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
38C	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
38D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
39A	BENTAZON	4.00 E	1.000 lb/ac	7LF	20	33	67	0	27	63
39B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	7LF						
39C	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
39D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
40	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PPI	0	80	83	0	80	80
41A	V-23031	0.86 EC	0.026 lb/ac	7LF	27	47	67	3	40	67
41B	LACTOFEN	2.00 E	0.094 lb/ac	7LF						
41C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
41D	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
41E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
42	METALACHLOR + DE-498	7.67 EC	1.870 lb/ac	PRE	10	90	87	3	83	87
43	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PPI	0	43	77	0	40	73
44	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PPI	0	83	80	0	77	73
45	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	0	40	47	0	37	43
46	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PPI	0	67	57	0	63	57
47	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	0	97	87	0	93	87
48	F6285	4.00 F	0.375 lb/ac	PPI	0	93	73	0	87	70
49A	F6285	4.00 F	0.375 lb/ac	PPI	0	97	43	0	87	40
49B	TRIFLURALIN	4.00 E	0.500 lb/ac	PPI						
50	F6285	75.00 DF	0.375 lb/ac	PPI	0	90	77	0	83	77

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	CHEAL	ABUTH	CRIN	CHEAL	ABUTH
51A	V-23031	0.86 EC	0.026 lb/ac	7LF	10	27	43	0	27	43
51B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
51C	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
51D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
52A	V-23031	0.86 EC	0.026 lb/ac	7LF	27	47	67	3	40	67
52B	LACTOFEN	2.00 E	0.094 lb/ac	7LF						
52C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
52D	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
52E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
53A	V-23031	0.86 EC	0.026 lb/ac	7LF	47	40	70	10	37	70
53B	LACTOFEN	2.00 E	0.125 lb/ac	7LF						
53C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
53D	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
53E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
54A	V-23031	0.86 EC	0.026 lb/ac	7LF	33	50	67	7	50	60
54B	LACTOFEN	2.00 E	0.125 lb/ac	7LF						
54C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF						
54D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF						
54E	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
54F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
55A	V-23031	0.86 EC	0.026 lb/ac	7LF	43	47	60	10	43	53
55B	LACTOFEN	2.00 E	0.125 lb/ac	7LF						
55C	X-77 (SURFACTANT)	0.50 WA	0.250 %	7LF						
55D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF						
55E	CLETHODIM	0.94 EC	0.094 lb/ac	+14						
55F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
56	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	0	100	100
			LSD(.05) :		13	18	18	6	20	19

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 6
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.7 O.M. : 3.89 %
DATE TREATED : PRE MAY 6
PPI MAY 6
3LF MAY 31
+7D JUNE 6
MP MAY 31
7LF JUNE 10
+14D JUNE 24
LLP JUNE 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVJ	
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	4WP	67	70	0	67	87	83	57	90	90	
1B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP										
1C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP										
2A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP	87	77	0	87	97	90	73	97	93	
2B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP										
2C	PARQUAT	2.50 E	0.360 lb/ac	PRE										
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
3A	METOLACHLOR	8.00 E	2.000 lb/ac	2WP	83	87	0	83	97	87	77	93	90	
3B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	2WP										
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
4A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	60	63	0	60	100	63	57	77	90	
4B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	4WP										
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP										
5A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	73	87	3	73	100	83	83	90	93	
5B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP										
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP										
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP										
6A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	77	77	0	77	90	83	90	77	90	
6B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP										
6C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP										
7A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	93	83	3	93	100	83	87	83	87	
7B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE										
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
8A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	90	87	0	90	93	83	90	87	87	
8B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE										
8C	PARQUAT	2.50 E	0.360 lb/ac	PRE										
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
9A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	87	83	0	87	100	87	77	90	83	
9B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP										
9C	PARQUAT	2.50 E	0.480 lb/ac	PRE										
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
10A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	73	87	0	73	97	87	87	77	87
10B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP									
10C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP									
11A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	93	77	0	97	97	70	80	73	83
11B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP									
11C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP									
11D	CLETHODIM	0.94 EC	0.094 lb/ac	MP									
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
12A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	67	77	0	67	90	93	70	93	90
12B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP									
12C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP									
13A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	80	60	0	80	93	83	70	90	93
13B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP									
13C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP									
14A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	63	80	0	63	100	87	67	100	97
14B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP									
14C	PARAQUAT	2.50 E	0.480 lb/ac	2WP									
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP									
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	80	73	0	80	100	83	67	87	90
15B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP									
15C	PARAQUAT	2.50 E	0.480 lb/ac	4WP									
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	77	83	3	77	97	93	80	93	90
16B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP									
16C	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP									
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	77	73	0	77	97	100	70	97	90
17B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP									
17C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP									
18	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	0	0	0	0	0	33	33	33	67

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
19A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	90	90	0	90	87	90	93	90	90
19B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
19C	MON 13211	2.00 EC	0.200 lb/ac	2WP									
19D	IMAZAQUIN	1.50 AS	0.125 lb/ac	2WP									
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	90	87	0	90	80	93	80	83	87
20B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
20C	MON 13211	2.00 EC	0.200 lb/ac	4WP									
20D	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP									
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	87	87	0	87	83	83	80	90	93
21B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
21C	MON 13211	2.00 EC	0.300 lb/ac	2WP									
21D	IMAZAQUIN	1.50 AS	0.125 lb/ac	2WP									
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	90	83	0	90	80	90	100	83	83
22B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
22C	MON 13211	2.00 EC	0.300 lb/ac	4WP									
22D	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP									
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	80	83	7	80	83	80	100	87	93
23B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
23C	MON 13211	2.00 EC	0.200 lb/ac	2WP									
23D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP									
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
24A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	80	83	10	80	77	77	90	80	90
24B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
24C	MON 13211	2.00 EC	0.200 lb/ac	4WP									
24D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP									
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	93	87	7	93	93	87	93	87	90
25B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP									
25C	MON 13211	2.00 EC	0.300 lb/ac	2WP									
25D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP									
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
26A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	90	87	13	90	83	90	93	80	97
26B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP									
26C	MON 13211	2.00 EC	0.300 lb/ac	4WP									
26D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP									
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
27A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	87	87	20	87	87	87	90	87	77
27B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP									
27C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
27D	LACTOFEN	2.00 E	0.094 lb/ac	MP									
27E	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	90	90	23	90	90	97	93	90	83
28B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP									
28C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
28D	LACTOFEN	2.00 E	0.094 lb/ac	MP									
28E	CLETHODIM	0.94 EC	0.095 lb/ac	MP									
28F	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
29A	BAS 514	75.00 DF	0.250 lb/ac	4WP	47	3	0	47	0	33	33	0	67
29B	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
29C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
30A	BAS 514	75.00 DF	0.500 lb/ac	4WP	60	17	0	60	0	67	33	33	93
30B	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
30C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
31A	BAS 514	75.00 DF	0.250 lb/ac	4WP	87	70	27	87	73	83	77	90	90
31B	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
31C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
31D	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP									
31E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	MP									
31F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
32A	BAS 514	75.00 DF	0.500 lb/ac	4WP	100	87	27	100	83	80	93	90	93
32B	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
32C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
32D	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP									
32E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	MP									
32F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
33A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	2WP	43	80	0	43	90	90	100	83	90
33B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP									
34A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	2WP	73	77	0	73	97	73	77	87	90
34B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP									
35A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	2WP	77	83	0	77	83	83	93	90	93
35B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP									
36A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	4WP	23	80	0	23	83	80	80	87	90
36B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP									
37A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	4WP	63	80	0	63	100	73	70	80	93
37B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP									
38A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	4WP	77	77	0	77	83	80	83	77	93
38B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP									
LSD(.05) :					19	17	5	19	27	11	NS	NS	32

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 11
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5
 DATE TREATED : 4WP APRIL 9
 2WP APRIL 23
 PRE MAY 11
 MP JUNE 2
 O.M. : 7.70 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	4WP	0	40	87	80	53	83	90
1B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP							
1C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP							
2A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP	0	77	90	87	67	77	90
2B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP							
2C	PARAQUAT	2.50 E	0.360 lb/ac	PRE							
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
3A	METOLACHLOR	8.00 E	2.000 lb/ac	2WP	0	80	90	83	73	90	90
3B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	2WP							
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP							
4A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	60	87	63	57	67	90
4B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	4WP							
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP							
5A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	0	50	90	83	73	90	90
5B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP							
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP							
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
6A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	0	77	87	77	87	73	87
6B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP							
6C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP							
7A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	0	90	90	80	87	77	83
7B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
8A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	0	83	90	83	87	87	83
8B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
8C	PARAQUAT	2.50 E	0.360 lb/ac	PRE							
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
9A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	0	80	93	80	77	87	83
9B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP							
9C	PARAQUAT	2.50 E	0.480 lb/ac	PRE							
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
10A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	0	73	90	87	83	77	83
10B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP							
10C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP							
11A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	0	90	90	73	80	73	77
11B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP							
11C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP							
11D	CLETHODIM	0.94 EC	0.094 lb/ac	MP							
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
12A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	60	90	90	67	87	90
12B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP							
12C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP							
13A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	80	90	83	53	83	90
13B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP							
13C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP							
14A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	57	90	77	60	80	90
14B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP							
14C	PARAQUAT	2.50 E	0.480 lb/ac	2WP							
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP							
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	67	90	80	53	87	90
15B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP							
15C	PARAQUAT	2.50 E	0.480 lb/ac	4WP							
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	3	70	90	87	70	93	90
16B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP							
16C	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP							
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	67	90	80	50	93	90
17B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP							
17C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP							
18	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	0	0	23	0	0	30	90

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
19A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	0	87	87	90	90	80	90
19B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
19C	MON 13211	2.00 EC	0.200 lb/ac	2WP							
19D	IMAZAQUIN	1.50 AS	0.125 lb/ac	2WP							
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	0	90	80	80	83	83	83
20B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
20C	MON 13211	2.00 EC	0.200 lb/ac	4WP							
20D	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP							
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	0	87	87	87	80	83	87
21B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
21C	MON 13211	2.00 EC	0.300 lb/ac	2WP							
21D	IMAZAQUIN	1.50 AS	0.125 lb/ac	2WP							
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	0	77	80	83	87	83	80
22B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
22C	MON 13211	2.00 EC	0.300 lb/ac	4WP							
22D	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP							
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	3	73	83	80	90	83	90
23B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
23C	MON 13211	2.00 EC	0.200 lb/ac	2WP							
23D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP							
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
24A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	3	73	73	77	80	80	90
24B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
24C	MON 13211	2.00 EC	0.200 lb/ac	4WP							
24D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP							
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	7	83	87	83	90	83	90
25B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP							
25C	MON 13211	2.00 EC	0.300 lb/ac	2WP							
25D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP							
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
26A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	0	77	83	80	90	80	90
26B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP							
26C	MON 13211	2.00 EC	0.300 lb/ac	4WP							
26D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP							
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
27A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	3	87	87	87	87	87	70
27B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP							
27C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
27D	LACTOFEN	2.00 E	0.094 lb/ac	MP							
27E	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	17	90	87	90	93	87	73
28B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP							
28C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
28D	LACTOFEN	2.00 E	0.094 lb/ac	MP							
28E	CLETHODIM	0.94 EC	0.095 lb/ac	MP							
28F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
29A	BAS 514	75.00 DF	0.250 lb/ac	4WP	0	47	10	0	33	3	90
29B	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
29C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
30A	BAS 514	75.00 DF	0.500 lb/ac	4WP	0	60	10	37	17	17	90
30B	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
30C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
31A	BAS 514	75.00 DF	0.250 lb/ac	4WP	17	87	67	87	90	77	83
31B	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
31C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
31D	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP							
31E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	MP							
31F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
32A	BAS 514	75.00 DF	0.500 lb/ac	4WP	17	80	77	70	83	87	90
32B	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
32C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
32D	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP							
32E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	MP							
32F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2017 NO-TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	ACCOS	HPPVU
33A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	2WP	0	37	90	87	93	80	90
33B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP							
34A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	2WP	0	67	90	70	73	83	90
34B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP							
35A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	2WP	0	63	83	80	80	80	90
35B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP							
36A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	4WP	0	20	83	80	80	80	90
36B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP							
37A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	4WP	0	57	90	73	73	80	87
37B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP							
38A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	4WP	0	70	83	77	80	77	90
38B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP							
LSD(.05) :					7	23	22	15	20	8	23

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 11
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 7.70 %
 DATE TREATED : 4WP APRIL 9
 2WP APRIL 23
 PRE MAY 11
 MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2018 MINIMUM TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	CRIN	SETFA	CHEAL	IPOHE	SOLPT
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	4WP	60	80	0	67	90	83	87	0	47	90	80	70
1B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP												
1C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP												
2A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP	73	90	0	73	90	90	83	0	77	90	87	77
2B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP												
2C	PARAQUAT	2.50 E	0.360 lb/ac	PRE												
2D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE												
3A	METOLACHLOR	8.00 E	2.000 lb/ac	2WP	90	90	0	90	90	90	90	0	90	90	80	90
3B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	2WP												
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP												
4A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	73	73	0	73	73	87	93	0	73	70	83	90
4B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	4WP												
4C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP												
5A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	87	83	0	87	90	87	90	0	83	90	80	87
5B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP												
5C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP												
5D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP												
6A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	87	80	0	87	90	80	87	0	83	90	73	87
6B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP												
6C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP												
7A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	90	87	0	90	87	90	90	0	90	87	87	90
7B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE												
7C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE												
8A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	90	90	7	90	90	87	90	3	90	90	87	90
8B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE												
8C	PARAQUAT	2.50 E	0.360 lb/ac	PRE												
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE												
9A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	87	83	0	87	87	90	90	0	83	90	87	87
9B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP												
9C	PARAQUAT	2.50 E	0.480 lb/ac	PRE												
9D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2018 MINIMUM TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						----8 WEEKS AFTER APPLIED----					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	CRIN	SETFA	CHEAL	IPOHE	SOLPT
10A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	87	90	0	87	90	90	90	0	87	90	87	90
10B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP												
10C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP												
11A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	90	90	0	90	90	90	93	0	90	90	87	93
11B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP												
11C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP												
11D	CLETHODIM	0.94 EC	0.094 lb/ac	MP												
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
12A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	77	73	0	77	90	83	73	0	60	90	83	70
12B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP												
12C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP												
13A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	50	57	0	50	77	70	53	0	50	77	67	43
13B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP												
13C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP												
14A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	77	83	0	77	90	83	83	0	70	87	83	77
14B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP												
14C	PARAQUAT	2.50 E	0.480 lb/ac	2WP												
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP												
15A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	53	50	0	53	70	67	50	0	50	70	63	47
15B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP												
15C	PARAQUAT	2.50 E	0.480 lb/ac	4WP												
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP												
16A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	70	77	0	70	90	77	80	0	67	90	73	73
16B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP												
16C	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP												
17A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	50	63	0	50	80	83	60	0	47	80	77	53
17B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP												
17C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP												
18	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	0	0	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2018 MINIMUM TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED-----					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	CRIN	SETFA	CHEAL	IPOHE	SOLPT
19A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	83	83	0	83	77	87	90	0	83	70	87	90
19B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP												
19C	MON 13211	2.00 EC	0.200 lb/ac	2WP												
19D	IMAZAQUIN	1.50 AS	0.125 lb/ac	2WP												
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	80	87	0	80	83	87	90	0	80	77	87	90
20B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP												
20C	MON 13211	2.00 EC	0.200 lb/ac	4WP												
20D	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP												
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	90	83	0	90	83	87	93	0	90	80	87	90
21B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP												
21C	MON 13211	2.00 EC	0.300 lb/ac	2WP												
21D	IMAZAQUIN	1.50 AS	0.125 lb/ac	2WP												
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	83	80	0	83	90	83	90	0	87	87	80	90
22B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP												
22C	MON 13211	2.00 EC	0.300 lb/ac	4WP												
22D	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP												
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	90	87	0	90	87	87	90	0	57	83	87	90
23B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP												
23C	MON 13211	2.00 EC	0.200 lb/ac	2WP												
23D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP												
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
24A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	70	83	0	70	83	90	90	0	70	83	83	90
24B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP												
24C	MON 13211	2.00 EC	0.200 lb/ac	4WP												
24D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP												
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP	87	87	0	87	87	87	90	0	83	83	87	87
25B	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP												
25C	MON 13211	2.00 EC	0.300 lb/ac	2WP												
25D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP												
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2018 MINIMUM TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						-----8 WEEKS AFTER APPLIED----					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	CRIN	SETFA	CHEAL	IPOHE	SOLPT
26A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	83	83	0	83	80	90	90	0	73	80	87	90
26B	X-77 (SURFACTANT)	0.50 WA	0.500 %	4WP												
26C	MON 13211	2.00 EC	0.300 lb/ac	4WP												
26D	BENTAZON+ACIFLUOR. 2	3.67 E	1.000 lb/ac	MP												
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
27A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	87	90	13	87	90	87	93	13	87	90	87	93
27B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP												
27C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
27D	LACTOFEN	2.00 E	0.094 lb/ac	MP												
27E	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	87	90	10	87	90	90	63	3	90	90	90	93
28B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP												
28C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP												
28D	LACTOFEN	2.00 E	0.094 lb/ac	MP												
28E	CLETHODIM	0.94 EC	0.095 lb/ac	MP												
28F	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
29A	BAS 514	75.00 DF	0.250 lb/ac	4WP	57	40	0	57	10	77	100	0	50	10	77	100
29B	PARAQUAT	2.50 E	0.470 lb/ac	4WP												
29C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP												
30A	BAS 514	75.00 DF	0.500 lb/ac	4WP	63	50	0	63	30	93	93	0	53	30	80	90
30B	PARAQUAT	2.50 E	0.470 lb/ac	4WP												
30C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP												
31A	BAS 514	75.00 DF	0.250 lb/ac	4WP	90	73	7	90	63	87	90	7	90	60	83	87
31B	PARAQUAT	2.50 E	0.470 lb/ac	4WP												
31C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP												
31D	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP												
31E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	MP												
31F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
32A	BAS 514	75.00 DF	0.500 lb/ac	4WP	87	67	13	87	57	90	90	13	87	50	90	90
32B	PARAQUAT	2.50 E	0.470 lb/ac	4WP												
32C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP												
32D	BENTAZON+ACIFLUOR. 1	4.00 E	0.750 lb/ac	MP												
32E	SETHOXYDIM 2	1.00 E	0.188 lb/ac	MP												
32F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2018 MINIMUM TILL EARLY PREPLANT SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----						----8 WEEKS AFTER APPLIED----					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	CRIN	SETFA	CHEAL	IPOHE	SOLPT
33A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	2WP	77	83	0	77	87	80	87	0	77	90	77	83
33B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP												
34A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	2WP	77	77	0	77	90	67	90	0	73	90	67	90
34B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP												
35A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	2WP	87	87	0	87	87	87	90	0	83	87	80	90
35B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP												
36A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	4WP	73	53	0	73	43	50	97	0	73	50	40	97
36B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP												
37A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	4WP	77	73	0	77	70	83	90	0	73	53	73	80
37B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP												
38A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	4WP	77	73	0	77	67	80	87	0	70	53	77	87
38B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP												
LSD(.05) :					14	14	3	14	19	19	16	3	19	18	20	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 11
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 6.70 %
 DATE TREATED : 4WP APRIL 9
 2WP APRIL 23
 PRE MAY 11
 MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2019 NO-TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	POLPY	HPPVU
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	87	87	0	87	90	83	90	90
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
2A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	73	80	0	73	90	77	90	90
2B	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP								
3A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	73	77	0	73	87	77	90	90
3B	2,4 D ESTER	4.00 E	0.560 lb/ac	4WP								
4A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	90	70	0	90	87	67	90	90
4B	QUIZALOFOP	0.80 L	0.040 lb/ac	MP								
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
5A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	90	80	0	90	90	80	90	90
5B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP								
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
5D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP								
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
6A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	77	80	0	77	90	80	90	90
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP								
7A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	87	87	0	87	87	87	90	90
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP								
7C	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
8A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	87	0	90	87	87	90	90
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP								
8C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP								
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	93	90	0	93	90	87	90	90
9B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE								
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE								
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE								
10A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	90	0	93	87	90	90	90
10B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2019 NO-TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	POLPY	HPPVU
11A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	70	83	0	70	90	80	90	90
11B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP								
11C	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
12A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	83	83	0	83	90	83	90	90
12B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP								
12C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP								
13A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	83	80	0	83	90	80	90	90
13B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP								
14A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	80	83	0	83	83	83	90	90
14B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP								
14C	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
15A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	50	57	0	50	57	57	73	53
15B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP								
16A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	77	53	0	77	73	63	60	60
16B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP								
16C	PARAQUAT	2.50 E	0.470 lb/ac	4WP								
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
17A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	63	57	0	63	53	63	57	90
17B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP								
17C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP								
18A	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	4WP	90	73	0	90	87	73	87	90
18B	2,4 D ÉSTER	4.00 E	0.500 lb/ac	4WP								
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP								
18D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP								
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
19A	PARAQUAT	2.50 E	0.470 lb/ac	4WP	0	0	0	0	0	0	0	0
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP								
20	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	0	0	0	0	0	0	0	0
			LSD(.05) :		14	9	NS	14	11	19	11	16

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 7.70 %
DATE TREATED : 4WP APRIL 9
PRE MAY 11
MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2019 NO-TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	IPOHE	SOLPT	POLPY	HPPVU
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	80	87	67	90	90
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP						
2A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	73	90	63	90	90
2B	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP						
3A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	67	87	63	90	90
3B	2,4 D ESTER	4.00 E	0.560 lb/ac	4WP						
4A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	90	87	50	90	90
4B	QUIZALOFOP	0.80 L	0.040 lb/ac	MP						
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
5A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	90	90	60	90	90
5B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP						
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP						
5D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP						
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
6A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	70	87	67	90	90
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP						
7A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	80	87	73	90	90
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP						
7C	PARAQUAT	2.50 E	0.470 lb/ac	4WP						
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP						
8A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	90	87	80	90	90
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP						
8C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP						
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	83	90	80	90	90
9B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE						
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE						
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE						
10A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	90	83	80	90	90
10B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2019 NO-TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----					
					CRIN	SETFA	IPOHE	SOLPT	POLPY	HPPVU
11A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	67	90	73	90	90
11B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP						
11C	PARAQUAT	2.50 E	0.470 lb/ac	4WP						
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP						
12A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	80	90	77	90	90
12B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP						
12C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP						
13A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	73	90	67	90	90
13B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP						
14A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	77	80	80	90	90
14B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP						
14C	PARAQUAT	2.50 E	0.470 lb/ac	4WP						
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP						
15A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	50	57	53	73	53
15B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP						
16A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	77	67	60	53	63
16B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP						
16C	PARAQUAT	2.50 E	0.470 lb/ac	4WP						
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP						
17A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	63	53	60	57	90
17B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP						
17C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP						
18A	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	4WP	0	90	87	57	87	90
18B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP						
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP						
18D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP						
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
19A	PARAQUAT	2.50 E	0.470 lb/ac	4WP	0	0	0	0	0	33
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP						
20	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	0	0	27	0	0	53
			LSD(.05) :		NS	15	20	28	13	14

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 7.70 %
DATE TREATED : 4WP APRIL 9
PRE MAY 11
MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2020 MINIMUM TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	47	57	0	47	90	70	30	87	90
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP									
2A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	80	60	0	80	87	60	37	90	83
2B	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP									
3A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	77	60	0	77	90	63	37	90	90
3B	2,4 D ESTER	4.00 E	0.560 lb/ac	4WP									
4A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	90	63	0	90	90	67	23	77	87
4B	QUIZALOFOP	0.80 L	0.040 lb/ac	MP									
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
5A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	90	67	0	90	90	70	37	83	97
5B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP									
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP									
5D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP									
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
6A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	77	77	0	77	93	67	93	90	90
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP									
7A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	77	0	90	83	63	93	90	83
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP									
7C	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
8A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	80	0	90	90	60	90	80	90
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP									
8C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP									
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	87	77	0	87	90	83	63	90	90
9B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE									
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
10A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	80	0	90	90	63	87	90	90
10B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2020 MINIMUM TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
11A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	83	0	90	93	53	87	87	90
11B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP									
11C	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
12A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	87	87	0	87	90	50	90	90	97
12B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP									
12C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP									
13A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	73	0	90	90	57	90	90	90
13B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP									
14A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	83	0	90	90	63	87	87	83
14B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP									
14C	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
15A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	80	0	90	87	50	93	87	90
15B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP									
16A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	77	0	90	90	50	93	90	90
16B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP									
16C	PARAQUAT	2.50 E	0.470 lb/ac	4WP									
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
17A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	90	43	17	90	80	47	80	70	53
17B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP									
17C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP									
18A	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	4WP	90	83	0	90	90	67	80	87	87
18B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP									
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP									
18D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP									
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
19A	PARAQUAT	2.50 E	0.470 lb/ac	4WP	67	3	0	67	0	0	0	30	0
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP									
20	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	93	0	0	93	0	0	0	17	0
			LSD(.05) :		NS	20	NS	NS	26	8	23	21	18

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.3 O.M. : 6.70 %
DATE TREATED : 4WP APRIL 9
PRE MAY 11
MP JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2020 MINIMUM TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	50	87	67	20	80	90
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP							
2A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	80	83	57	23	90	83
2B	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP							
3A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	73	87	63	33	90	90
3B	2,4 D ESTER	4.00 E	0.560 lb/ac	4WP							
4A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	90	83	63	17	73	80
4B	QUIZALOFOP	0.80 L	0.040 lb/ac	MP							
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
5A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	90	87	57	30	73	87
5B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP							
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP							
5D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP							
5E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
6A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	70	80	63	77	90	90
6B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP							
7A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	83	73	53	87	90	80
7B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP							
7C	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
8A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	90	83	60	83	77	90
8B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP							
8C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP							
9A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	83	80	77	47	90	87
9B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE							
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
9D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
10A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	87	90	60	87	90	90
10B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2020 MINIMUM TILL EARLY PREPLANT SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
11A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	83	90	50	83	83	90
11B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP							
11C	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
11D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
12A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	87	90	47	87	90	90
12B	CHLOR. + METRI. 1:10	75.00 DF	0.560 lb/ac	4WP							
12C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP							
13A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	90	90	53	87	90	90
13B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP							
14A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	90	90	53	83	87	83
14B	CHLORIM + LINURON	60.00 DF	0.600 lb/ac	4WP							
14C	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
15A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	87	77	43	83	87	90
15B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP							
16A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	90	90	50	90	90	90
16B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP							
16C	PARAQUAT	2.50 E	0.470 lb/ac	4WP							
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
17A	METOLACHLOR	8.00 E	2.000 lb/ac	4WP	0	87	80	47	63	70	70
17B	METRIBUZIN 2	75.00 DF	0.375 lb/ac	4WP							
17C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP							
18A	CHLORIM + LINURON	60.00 DF	0.750 lb/ac	4WP	0	90	87	47	70	80	87
18B	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP							
18C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP							
18D	QUIZALOFOP	0.80 L	0.040 lb/ac	MP							
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
19A	PARAQUAT	2.50 E	0.470 lb/ac	4WP	0	0	0	0	0	30	0
19B	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP							
20	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP	0	27	0	0	0	17	0
				LSD(.05) :	NS	27	28	11	20	22	12

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.3
DATE TREATED : 4WP APRIL 9
PRE MAY 11
MP JUNE 2

O.M. : 6.70 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	87	83	0	87	93	80	83	87	87
1B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE									
1C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
2A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	90	83	0	90	87	87	87	83	87
2B	IMAZAQUIN	1.50 AS	0.093 lb/ac	PRE									
2C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
3A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	83	87	7	83	90	77	90	90	90
3B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
4A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	90	90	10	90	87	87	87	87	87
4B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
4C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP									
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
5A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	93	90	7	93	87	90	90	90	87
5B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
5C	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP									
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
5E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
6A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	87	80	0	87	87	80	80	87	87
6B	F6285	4.00 F	0.375 lb/ac	PRE									
6C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	83	87	7	83	87	87	83	90	87
7B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	PRE									
7C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	60	73	0	60	83	73	83	83	87
8B	V-53482	3.00 FL	0.063 lb/ac	PRE									
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
9A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	23	33	0	27	60	60	37	60	17
9B	V-53482	3.00 FL	0.063 lb/ac	PRE									
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
10A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	90	73	0	90	90	87	90	90	43
10B	V-53482	3.00 FL	0.063 lb/ac	PRE									
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE									
11A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	47	53	0	47	47	93	70	80	83
11B	V-53482	3.00 FL	0.063 lb/ac	PRE									
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	90	87	7	90	90	87	87	90	90
12B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
13A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	90	87	0	90	83	80	87	87	90
13B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE									
13C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
14A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	90	60	0	90	87	90	70	60	73
14B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE									
14C	PARAQUAT	2.50 E	0.360 lb/ac	PRE									
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
15A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	63	73	3	63	80	73	87	80	83
15B	PARAQUAT	2.50 E	0.470 lb/ac	PRE									
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
16A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	90	90	0	90	87	83	83	87	90
16B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE									
16C	PARAQUAT	2.50 E	0.470 lb/ac	PRE									
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
17A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	90	80	0	90	83	83	80	83	83
17B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE									
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
18A	2,4 D AMINE	4.00 E	0.500 lb/ac	PRE	77	67	0	77	90	80	70	70	70
18B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
18C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE									
19	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	0	0	0	0	0	0	0	0

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVJ
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	100	90	10	100	90	90	90	90	90
20B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE									
20C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
20D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
20E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	93	90	20	93	90	90	90	90	90
21B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE									
21C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
21D	LACTOFEN	2.00 E	0.094 lb/ac	MP									
21E	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	100	90	20	100	90	90	90	90	90
22B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE									
22C	IMAZAQUIN	1.50 AS	0.082 lb/ac	PRE									
22D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
22E	LACTOFEN	2.00 E	0.094 lb/ac	MP									
22F	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	87	0	90	90	87	83	87	90
23B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
23C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE									
24A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	83	87	10	83	90	87	80	83	87
24B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
24C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
24D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	83	80	7	83	87	83	80	83	80
25B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
25C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
25D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
26A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	87	7	87	90	87	87	90	87
26B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
26C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
26D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
27A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	87	87	0	87	87	90	83	90	87
27B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
27C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
27D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
27E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	83	87	0	87	87	87	80	80	87
28B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
28C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
28D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
28E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
29A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	87	3	90	87	87	83	83	90
29B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
29C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
29D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
29E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
30A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	87	7	90	90	90	83	83	83
30B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
30C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
30D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
31A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	87	87	0	87	90	87	83	87	87
31B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
31C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
31D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
32A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	90	10	90	90	90	83	83	90
32B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
32C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
32D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
33A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	87	3	90	87	90	87	87	90
33B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
33C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
33D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
33E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
34A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	90	0	90	90	83	90	90	90
34B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
34C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
34D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
34E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
35A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	87	0	90	90	93	90	90	90
35B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
35C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
35D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
35E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
36A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	93	90	7	93	90	90	90	90	87
36B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
36C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF									
36D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
37A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	93	90	3	93	90	90	90	90	83
37B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
37C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF									
37D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
38A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	97	87	10	97	83	83	90	90	87
38B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
38C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF									
38D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF									
38E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
39A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	83	17	90	87	80	90	87	83
39B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
39C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF									
39D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF									
39E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
40A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	97	90	27	97	90	90	90	93	87
40B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
40C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF									
40D	LACTOFEN	2.00 E	0.100 lb/ac	4LF									
40E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
40F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
41A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	97	90	27	97	87	90	90	90	87
41B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
41C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF									
41D	LACTOFEN	2.00 E	0.100 lb/ac	4LF									
41E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
41F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
42A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	93	77	0	93	87	87	80	83	80
42B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
42C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
42D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
43A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	87	87	3	87	90	90	83	90	90
43B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
43C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
43D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
44A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	87	83	0	87	87	83	87	87	90
44B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
44C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
44D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
45A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	87	87	0	87	90	87	87	80	87
45B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
45C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
45D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
45E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
46A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	83	87	0	83	87	87	87	87	90
46B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
46C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
46D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
46E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU	
47A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	87	90	3	87	87	87	87	87	90	
47B	MON 29895	4.00 ME	2.500 lb/ac	PRE										
47C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE										
47D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE										
47E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE										
48A	PARAQUAT	2.50 E	0.470 lb/ac	PRE	80	60	0	80	87	93	57	70	83	
48B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
48C	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE										
48D	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE										
49A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	80	73	0	77	87	77	80	83	90	
49B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
49C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
50A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	90	90	3	90	90	83	90	90	87	
50B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
50C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
50D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
50E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
51A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	90	73	10	90	87	93	90	77	80	
51B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
51C	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE										
51D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
51E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
52A	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PRE	77	57	0	77	67	53	53	57	60	
52B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
53A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	90	77	0	90	77	87	87	77	90	
53B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
54A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	87	83	3	87	90	83	83	87	90	
54B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE										
			LSD(.05) :		15	18	9	15	18	17	16	17	20	

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 7.70 %
DATE TREATED : PRE AMY 11
+1H MAY 11
MP JUNE 2
4LF JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----							
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU	
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188	lb/ac PRE	3	80	90	67	80	87	80	
1B	PENDIMETHALIN	3.30 EC	1.500	lb/ac PRE								
1C	GLYPHOSATE	4.00 E	0.500	lb/ac PRE								
2A	CLOMAZONE	4.00 EC	0.750	lb/ac PRE	3	80	87	87	77	80	80	
2B	IMAZAQUIN	1.50 AS	0.093	lb/ac PRE								
2C	GLYPHOSATE	4.00 E	0.750	lb/ac PRE								
3A	CLOMAZONE	4.00 EC	0.750	lb/ac PRE	7	67	90	70	87	90	90	
3B	CHLOR. + METRI. 1:6	75.00 DF	0.280	lb/ac PRE								
3C	GLYPHOSATE	4.00 E	0.750	lb/ac PRE								
4A	CLOMAZONE	4.00 EC	0.750	lb/ac PRE	3	83	87	87	87	87	87	
4B	GLYPHOSATE	4.00 E	0.750	lb/ac PRE								
4C	IMAZETHAPYR	2.00 AS	0.031	lb/ac MP								
4D	SUN-IT II	0.00 AD	1.000	qt/ac MP								
4E	LIQUID FERTILIZER	0.00 AD	1.000	qt/ac MP								
5A	CLOMAZONE	4.00 EC	0.750	lb/ac PRE	3	83	87	87	83	90	87	
5B	GLYPHOSATE	4.00 E	0.750	lb/ac PRE								
5C	IMAZETHAPYR	2.00 AS	0.045	lb/ac MP								
5D	SUN-IT II	0.00 AD	1.000	qt/ac MP								
5E	LIQUID FERTILIZER	0.00 AD	1.000	qt/ac MP								
6A	CLOMAZONE	4.00 EC	0.500	lb/ac PRE	3	80	83	80	73	87	80	
6B	F6285	4.00 F	0.375	lb/ac PRE								
6C	GLYPHOSATE	4.00 E	0.750	lb/ac PRE								
7A	METOLACHLOR	8.00 E	2.000	lb/ac PRE	0	73	83	77	73	87	87	
7B	CHLOR. + METRI. 1:10	75.00 DF	0.375	lb/ac PRE								
7C	GLYPHOSATE	4.00 E	0.750	lb/ac PRE								
8A	METOLACHLOR	8.00 E	2.000	lb/ac PRE	0	53	83	77	80	83	87	
8B	V-53482	3.00 FL	0.063	lb/ac PRE								
8C	GLYPHOSATE	4.00 E	1.000	lb/ac PRE								
9A	ALACHLOR	4.00 MT	2.500	lb/ac PRE	0	17	27	27	33	37	13	
9B	V-53482	3.00 FL	0.063	lb/ac PRE								
9C	OIL CONCENTRATE	0.00 AD	1.000	qt/ac PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
10A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	90	90	87	90	90	30
10B	V-53482	3.00 FL	0.063 lb/ac	PRE							
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE							
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE							
11A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	43	50	90	67	77	83
11B	V-53482	3.00 FL	0.063 lb/ac	PRE							
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	3	90	87	90	90	90	90
12B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
13A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	0	90	87	87	87	87	87
13B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
13C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
14A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	0	90	87	90	50	60	63
14B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
14C	PARAQUAT	2.50 E	0.360 lb/ac	PRE							
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
15A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	3	50	80	70	77	80	77
15B	PARAQUAT	2.50 E	0.470 lb/ac	PRE							
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
16A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	0	80	87	83	83	83	90
16B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE							
16C	PARAQUAT	2.50 E	0.470 lb/ac	PRE							
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
17A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	0	90	83	80	70	83	83
17B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE							
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
18A	2,4 D AMINE	4.00 E	0.500 lb/ac	PRE	0	73	73	77	60	67	67
18B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
18C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE							
19	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	17	0	0	50	0	23

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	3	90	90	90	90	90	90
20B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE							
20C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
20D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
20E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	3	90	90	90	90	90	87
21B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE							
21C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
21D	LACTOFEN	2.00 E	0.094 lb/ac	MP							
21E	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	7	90	90	90	83	90	90
22B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE							
22C	IMAZAQUIN	1.50 AS	0.082 lb/ac	PRE							
22D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
22E	LACTOFEN	2.00 E	0.094 lb/ac	MP							
22F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	3	80	90	80	73	80	83
23B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
23C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE							
24A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	3	73	63	87	70	83	67
24B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
24C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
24D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	73	83	83	70	83	77
25B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
25C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
25D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
26A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	77	87	87	80	90	83
26B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
26C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
26D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
27A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	87	83	90	77	90	87
27B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
27C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
27D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
27E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	87	87	87	80	83	87
28B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
28C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
28D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
28E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
29A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	83	83	87	80	83	87
29B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
29C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
29D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
29E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
30A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	3	83	87	90	73	83	83
30B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
30C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
30D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
31A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	80	83	83	80	87	87
31B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
31C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
31D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
32A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	3	77	90	90	83	83	80
32B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
32C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
32D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
33A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	87	83	90	83	87	87
33B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
33C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
33D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
33E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
34A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	3	73	87	77	90	90	90
34B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
34C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
34D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
34E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
35A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	90	90	90	90	90	90
35B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
35C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
35D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
35E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
36A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	90	90	83	83	90	87
36B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
36C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF							
36D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
37A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	3	90	90	90	83	90	80
37B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
37C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF							
37D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
38A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	7	90	83	83	90	87	87
38B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
38C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF							
38D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF							
38E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
39A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	7	83	83	77	90	87	80
39B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
39C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF							
39D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF							
39E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
40A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	10	90	90	90	90	90	87
40B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
40C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF							
40D	LACTOFEN	2.00 E	0.100 lb/ac	4LF							
40E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
40F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
41A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	10	87	90	87	87	87	90
41B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
41C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF							
41D	LACTOFEN	2.00 E	0.100 lb/ac	4LF							
41E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
41F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
42A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	90	83	87	67	80	83
42B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
42C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
42D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
43A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	3	80	87	90	80	87	90
43B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
43C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
43D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
44A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	3	83	73	83	80	87	90
44B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
44C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
44D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
45A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	80	90	83	80	80	87
45B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
45C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
45D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
45E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
46A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	70	90	87	83	83	87
46B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
46C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
46D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
46E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2035 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	IPOHE	SOLPT	AMBEL	POLPY	HPPVU
47A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	73	87	87	77	87	90
47B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
47C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
47D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
47E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
48A	PARAQUAT	2.50 E	0.470 lb/ac	PRE	0	80	87	93	50	50	73
48B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
48C	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
48D	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE							
49A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	70	87	67	80	83	90
49B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
49C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
50A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	77	90	80	90	90	80
50B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
50C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
50D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
50E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
51A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	3	83	83	87	90	63	80
51B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
51C	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE							
51D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
51E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
52A	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PRE	0	70	57	53	50	57	60
52B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
53A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	0	80	77	83	80	77	90
53B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
54A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	3	80	87	80	73	87	90
54B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
				LSD(.05) :	NS	18	22	20	22	18	22

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.5 O.M. : 7.70 %
DATE TREATED : PRE AMY 11
+1H MAY 11
MP JUNE 2
4LF JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	80	80	0	83	90	83	73	83	73
1B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE									
1C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
2A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	90	67	0	90	80	73	73	83	90
2B	IMAZAQUIN	1.50 AS	0.093 lb/ac	PRE									
2C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
3A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	93	70	0	93	90	80	67	87	83
3B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
4A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	93	90	0	93	90	90	90	90	90
4B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
4C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP									
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
5A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	93	90	3	93	90	90	90	90	90
5B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
5C	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP									
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
5E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
6A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	93	77	0	93	90	83	73	83	70
6B	F6285	4.00 F	0.375 lb/ac	PRE									
6C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	87	63	0	87	80	70	63	83	77
7B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	PRE									
7C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	90	50	0	90	57	57	73	73	50
8B	V-53482	3.00 FL	0.063 lb/ac	PRE									
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
9A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	23	0	0	30	27	30	20	40
9B	V-53482	3.00 FL	0.063 lb/ac	PRE									
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
10A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	53	70	0	53	73	80	87	73	80
10B	V-53482	3.00 FL	0.063 lb/ac	PRE									
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE									
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE									
11A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	90	57	3	90	70	63	97	70	67
11B	V-53482	3.00 FL	0.063 lb/ac	PRE									
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	90	70	0	90	70	77	77	87	67
12B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE									
13A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	90	67	0	90	80	87	90	80	73
13B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE									
13C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE									
14A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	50	47	0	50	83	80	60	60	30
14B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE									
14C	PARAQUAT	2.50 E	0.360 lb/ac	PRE									
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
15A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	90	60	0	90	67	70	73	60	63
15B	PARAQUAT	2.50 E	0.470 lb/ac	PRE									
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
16A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	87	57	0	87	67	57	60	77	73
16B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE									
16C	PARAQUAT	2.50 E	0.470 lb/ac	PRE									
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
17A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	90	60	0	90	73	67	80	73	77
17B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE									
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
18A	2,4 D AMINE	4.00 E	0.500 lb/ac	PRE	30	73	0	40	87	80	60	83	53
18B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
18C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE									
19	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	17	0	0	17	0	0	0	0	0

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	97	90	3	97	87	90	90	90	90
20B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE									
20C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
20D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
20E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	97	90	13	97	90	90	90	90	87
21B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE									
21C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
21D	LACTOFEN	2.00 E	0.094 lb/ac	MP									
21E	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	100	90	20	100	90	93	93	90	90
22B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE									
22C	IMAZAQUIN	1.50 AS	0.082 lb/ac	PRE									
22D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
22E	LACTOFEN	2.00 E	0.094 lb/ac	MP									
22F	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	70	0	90	83	80	67	70	83
23B	PENDIMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
23C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE									
24A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	63	0	90	63	73	77	93	77
24B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
24C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
24D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	70	0	90	70	73	80	87	70
25B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
25C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
25D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
26A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	80	0	90	83	90	83	90	77
26B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
26C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
26D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
27A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	67	0	90	67	67	90	87	77
27B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
27C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
27D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
27E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	67	0	90	77	67	87	77	80
28B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
28C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
28D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
28E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
29A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	67	0	90	80	73	80	90	63
29B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE									
29C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
29D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
29E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
30A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	67	0	90	67	73	77	87	73
30B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
30C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
30D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
31A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	63	0	90	63	80	90	87	63
31B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
31C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
31D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
32A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	70	0	90	80	67	87	90	83
32B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
32C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
32D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
33A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	57	0	90	53	90	90	83	70
33B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
33C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
33D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
33E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
34A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	87	63	0	87	73	77	90	83	63
34B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
34C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
34D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
34E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
35A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	93	70	0	93	77	60	83	83	80
35B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
35C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
35D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H									
35E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H									
36A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	87	0	90	87	90	90	90	90
36B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
36C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF									
36D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
37A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	93	87	3	93	87	90	93	90	83
37B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
37C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF									
37D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
38A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	97	90	10	97	90	90	90	93	87
38B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
38C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF									
38D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF									
38E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
39A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	93	90	3	93	90	90	87	90	90
39B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
39C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF									
39D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF									
39E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
40A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	100	90	30	100	90	90	90	90	87
40B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
40C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF									
40D	LACTOFEN	2.00 E	0.100 lb/ac	4LF									
40E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
40F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
41A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	93	90	23	93	93	90	97	93	87
41B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
41C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF									
41D	LACTOFEN	2.00 E	0.100 lb/ac	4LF									
41E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF									
41F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF									
42A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	73	0	90	70	80	87	77	77
42B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
42C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
42D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
43A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	77	0	90	77	87	87	90	77
43B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
43C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
43D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
44A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	63	0	90	70	77	87	83	77
44B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
44C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
44D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
45A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	90	60	0	90	57	87	87	53	53
45B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
45C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
45D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
45E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
46A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	90	73	0	90	77	83	90	80	80
46B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
46C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
46D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
46E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
47A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	90	73	0	90	80	80	77	83	70
47B	MON 29895	4.00 ME	2.500 lb/ac	PRE									
47C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
47D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
47E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE									
48A	PARAQUAT	2.50 E	0.470 lb/ac	PRE	87	57	0	87	67	70	67	70	63
48B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
48C	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE									
48D	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE									
49A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	83	17	0	87	23	17	17	90	50
49B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
49C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
50A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	97	90	3	97	90	90	90	90	90
50B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
50C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
50D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP									
50E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
51A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	93	87	0	93	87	90	90	90	83
51B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE									
51C	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE									
51D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP									
51E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
52A	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PRE	90	60	0	90	70	70	67	83	73
52B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
53A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	90	70	0	90	73	73	80	80	67
53B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
54A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	90	73	0	90	73	83	83	80	73
54B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE									
			LSD(.05) :		20	21	4	19	19	21	23	21	28

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.3
DATE TREATED : PRE AMY 11
+1H MAY 11
MP JUNE 2
4LF JUNE 2

O.M. : 6.70 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
1A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	0	53	80	77	70	77	70
1B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
1C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
2A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	90	77	77	63	83	83
2B	IMAZAQUIN	1.50 AS	0.093 lb/ac	PRE							
2C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
3A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	90	83	80	47	83	83
3B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
3C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
4A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	90	83	87	90	90	87
4B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
4C	IMAZETHAPYR	2.00 AS	0.031 lb/ac	MP							
4D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
5A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	0	93	87	87	90	90	90
5B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
5C	IMAZETHAPYR	2.00 AS	0.045 lb/ac	MP							
5D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
5E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
6A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	90	90	83	67	80	70
6B	F6285	4.00 F	0.375 lb/ac	PRE							
6C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
7A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	77	67	67	53	77	70
7B	CHLOR. + METRI. 1:10	75.00 DF	0.375 lb/ac	PRE							
7C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
8A	METOLACHLOR	8.00 E	2.000 lb/ac	PRE	0	87	47	57	73	70	50
8B	V-53482	3.00 FL	0.063 lb/ac	PRE							
8C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
9A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	7	0	47	27	30	20	20
9B	V-53482	3.00 FL	0.063 lb/ac	PRE							
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
10A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	73	70	80	87	70	77
10B	V-53482	3.00 FL	0.063 lb/ac	PRE							
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE							
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE							
11A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	3	80	60	57	67	67	60
11B	V-53482	3.00 FL	0.063 lb/ac	PRE							
11C	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	PRE	0	90	63	70	77	87	63
12B	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE							
13A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	0	87	80	80	83	77	77
13B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
13C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
14A	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE	0	50	83	87	53	53	57
14B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE							
14C	PARAQUAT	2.50 E	0.360 lb/ac	PRE							
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
15A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	0	87	53	63	63	53	63
15B	PARAQUAT	2.50 E	0.470 lb/ac	PRE							
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
16A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	0	80	60	57	60	73	70
16B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE							
16C	PARAQUAT	2.50 E	0.470 lb/ac	PRE							
16D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
17A	METALACHLOR + METRIB	8.00 EC	2.000 lb/ac	PRE	0	87	70	63	70	70	73
17B	IMAZAQUIN	1.50 AS	0.094 lb/ac	PRE							
17C	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
18A	2,4 D AMINE	4.00 E	0.500 lb/ac	PRE	0	37	83	77	60	77	67
18B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
18C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE							
19	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	43	0	0	0	23	0

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
20A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	90	83	90	90	90	90
20B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE							
20C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
20D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
20E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
21A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	13	90	87	90	90	90	83
21B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE							
21C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
21D	LACTOFEN	2.00 E	0.094 lb/ac	MP							
21E	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
22A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	13	90	87	87	90	90	90
22B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PRE							
22C	IMAZAQUIN	1.50 AS	0.082 lb/ac	PRE							
22D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
22E	LACTOFEN	2.00 E	0.094 lb/ac	MP							
22F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
23A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	83	77	77	67	70	80
23B	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
23C	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE							
24A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	87	53	70	77	90	77
24B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
24C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
24D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	90	60	73	80	77	67
25B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
25C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
25D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
26A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	90	77	83	83	90	77
26B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
26C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
26D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
27A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	87	63	63	83	80	77
27B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
27C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
27D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
27E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
28A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	80	73	63	80	73	77
28B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
28C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
28D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
28E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
29A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	87	70	70	80	90	63
29B	ALACHLOR 2	65.00 WDG	2.500 lb/ac	PRE							
29C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
29D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
29E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
30A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	83	60	70	77	83	73
30B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
30C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
30D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
31A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	87	60	77	87	83	60
31B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
31C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
31D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
32A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	87	67	67	83	90	83
32B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
32C	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
32D	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
33A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	83	50	83	87	80	70
33B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
33C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
33D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
33E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
34A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	87	73	70	83	83	60
34B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
34C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
34D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
34E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
35A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	87	67	53	77	80	77
35B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
35C	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
35D	ALACHLOR 2	65.00 WDG	2.500 lb/ac	+1H							
35E	IMAZAQUIN	1.50 AS	0.125 lb/ac	+1H							
36A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	90	80	87	90	90	87
36B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
36C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF							
36D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
37A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	7	90	83	87	90	90	83
37B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
37C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF							
37D	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
38A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	10	90	80	83	90	90	83
38B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
38C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF							
38D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF							
38E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
39A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	7	87	83	87	83	90	80
39B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
39C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF							
39D	FOMESAFEN	2.00 LC	0.375 lb/ac	4LF							
39E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
40A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	20	90	83	87	90	90	83
40B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
40C	CLETHODIM	0.94 EC	0.125 lb/ac	4LF							
40D	LACTOFEN	2.00 E	0.100 lb/ac	4LF							
40E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
40F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
41A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	7	90	87	83	90	90	87
41B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
41C	CLETHODIM	0.94 EC	0.150 lb/ac	4LF							
41D	LACTOFEN	2.00 E	0.100 lb/ac	4LF							
41E	IMAZETHAPYR	2.00 AS	0.063 lb/ac	4LF							
41F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4LF							
42A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	90	63	80	80	73	77
42B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
42C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
42D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
43A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	87	63	83	80	90	70
43B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
43C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
43D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
44A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	90	67	77	80	77	77
44B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
44C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
44D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
45A	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE	0	87	57	83	80	53	53
45B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
45C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
45D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
45E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
46A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	83	63	77	87	77	73
46B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
46C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
46D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
46E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2036 MINIMUM TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	SETFA	CHEAL	IPOHE	SOLPT	AMBEL	POLPY
47A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	90	70	73	77	80	67
47B	MON 29895	4.00 ME	2.500 lb/ac	PRE							
47C	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
47D	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
47E	AMMONIUM SULFATE	99.99 AD	0.800 qt/ac	PRE							
48A	PARAQUAT	2.50 E	0.470 lb/ac	PRE	0	80	67	63	63	67	63
48B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
48C	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PRE							
48D	PENDIMETHALIN	3.30 EC	0.250 lb/ac	PRE							
49A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	80	23	13	13	47	17
49B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
49C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
50A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	3	90	83	83	87	90	83
50B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
50C	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
50D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
50E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
51A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	90	83	87	87	90	83
51B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
51C	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE							
51D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
51E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
52A	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PRE	0	80	63	67	63	80	73
52B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
53A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	0	83	67	63	77	73	63
53B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
54A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	0	83	67	73	80	77	63
54B	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE							
			LSD(.05) :		4	28	20	20	22	24	24

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 11
VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.3 O.M. : 6.70 %
DATE TREATED : PRE MAY 11
+1H MAY 11
MP JUNE 2
4LF JUNE 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2016 NO-TILL DOUBLE CROP SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----									
					GGGGG	BBBBB	CRIN	DIGSA	SETFA	XANST	IPOHE	SOLPT	TRZAX	
1A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	88	93	0	80	98	100	95	95	88	
1B	PARAQUAT	2.50 E	0.470 lb/ac	PRE										
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
2A	ALACHLOR + GLYPHOSAT	4.00 E	4.000 lb/ac	PRE	90	90	0	90	100	95	93	95	88	
2B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE										
3A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	88	88	0	88	100	95	93	88	90	
3B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
4A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	88	93	0	88	90	93	93	95	90	
4B	CHLOR. + METRI. 1:6	75.00 DF	0.230 lb/ac	PRE										
4C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE										
5A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	100	88	0	100	100	93	100	93	90	
5B	IMAZETHAPYR	2.00 AS	0.046 lb/ac	MP										
5C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
6A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	95	90	0	95	98	100	95	90	88	
6B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
6C	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
7A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	93	90	0	93	98	95	90	100	88	
7B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE										
7C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
7D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
7E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
8A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	93	88	0	93	98	95	93	90	85	
8B	IMAZAQUIN	1.50 AS	0.035 lb/ac	PRE										
8C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
8D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
8E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
9A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	95	80	0	98	95	95	95	80	88	
9B	METRIBUZIN 1	75.00 DF	0.500 lb/ac	PRE										
9C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE										
9D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP										
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2016 NO-TILL DOUBLE CROP SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----								
					GGGGG	BBBBB	CRIN	DIGSA	SETFA	XANST	IPOHE	SOLPT	TRZAX
10A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	95	90	0	95	100	100	93	93	90
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE									
11A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	93	90	0	93	100	90	90	100	83
11B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE									
11C	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	MP									
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
12A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	83	90	0	83	93	90	95	95	83
12B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
12C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
12D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
13A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	83	80	0	93	95	83	90	90	83
13B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
13C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
13D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
13E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
14A	GLYPHOSATE	4.00 E	1.250 lb/ac	PRE	85	93	0	85	90	95	100	100	93
14B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE									
14C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP									
14D	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
14E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	88	90	0	90	90	95	90	93	83
15B	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
15C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
LSD(.05) :					12	7	NS	17	6	7	5	9	6

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : JULY 20
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 3.60 %
 DATE TREATED : PRE JULY 20
 MP AUGUST 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2016 NO-TILL DOUBLE CROP SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	DIGSA	SETFA	XANST	IPOHE	SOLPT	TRZAX
1A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	PRE	0	80	98	100	93	88	85
1B	PARAQUAT	2.50 E	0.470 lb/ac	PRE							
1C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
2A	ALACHLOR + GLYPHOSAT	4.00 E	4.000 lb/ac	PRE	0	88	100	95	93	95	88
2B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
3A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	80	100	95	93	83	90
3B	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
4A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	85	90	90	90	95	88
4B	CHLOR. + METRI. 1:6	75.00 DF	0.230 lb/ac	PRE							
4C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE							
5A	CLOMAZONE	4.00 EC	0.500 lb/ac	PRE	0	93	93	93	100	93	90
5B	IMAZETHAPYR	2.00 AS	0.046 lb/ac	MP							
5C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
6A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	90	90	100	95	85	85
6B	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
6C	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
7A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	90	90	95	90	98	88
7B	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE							
7C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
7D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
7E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
8A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	90	93	95	93	88	85
8B	IMAZAQUIN	1.50 AS	0.035 lb/ac	PRE							
8C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
8D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
8E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
9A	PARAQUAT	2.50 E	0.625 lb/ac	PRE	0	95	95	95	95	80	80
9B	METRIBUZIN 1	75.00 DF	0.500 lb/ac	PRE							
9C	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE							
9D	FOMESAFEN + FLUAZIFO	1.75 EC	0.440 lb/ac	MP							
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2016 NO-TILL DOUBLE CROP SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLIED-----						
					CRIN	DIGSA	SETFA	XANST	IPOHE	SOLPT	TRZAX
10A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	90	100	100	93	93	83
10B	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	PRE							
11A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	93	100	90	90	100	78
11B	IMAZAQUIN	1.50 AS	0.125 lb/ac	PRE							
11C	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	MP							
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
12A	GLYPHOSATE	4.00 E	0.750 lb/ac	PRE	0	80	90	90	95	95	80
12B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
12C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
12D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
13A	GLYPHOSATE	4.00 E	1.000 lb/ac	PRE	0	93	95	80	90	85	80
13B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
13C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
13D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
13E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
14A	GLYPHOSATE	4.00 E	*1.250 lb/ac	PRE	0	85	90	95	100	98	93
14B	X-77 (SURFACTANT)	0.50 WA	0.500 %	PRE							
14C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP							
14D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
14E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	90	90	95	90	93	78
15B	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
15C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
			LSD(.05) :		NS	17	7	8	6	9	10

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : JULY 20
 VARIETY : WILLIAMS 82

SOIL TYPE : MAURY SILT LOAM
 0 P, 0 K, pH : 6.5 O.M. : 3.60 %
 DATE TREATED : PRE JULY 20
 MP AUGUST 3

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2106 NO-TILL CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				
					CRIN	SETFA	AMACH	AMBEL	ERICA
1	ATRAZINE	4.00 L	1.500 lb/ac	4WK	0	70	90	90	90
2A	ATRAZINE	4.00 L	1.500 lb/ac	2WP	0	93	97	97	97
2B	METOLACHLOR	8.00 E	2.000 lb/ac	2WP					
3A	ATRAZINE	4.00 L	1.500 lb/ac	4WP	0	93	90	90	87
3B	METOLACHLOR	8.00 E	2.000 lb/ac	4WP					
4A	ATRAZINE	4.00 L	1.500 lb/ac	2WP	0	90	93	87	90
4B	METOLACHLOR	8.00 E	1.330 lb/ac	2WP					
4C	METOLACHLOR	8.00 E	0.670 lb/ac	PRE					
5A	ATRAZINE	4.00 L	1.500 lb/ac	4WP	0	93	93	93	93
5B	METOLACHLOR	8.00 E	1.330 lb/ac	4WP					
5C	METOLACHLOR	8.00 E	0.670 lb/ac	PRE					
6A	ATRAZINE	4.00 L	1.500 lb/ac	PRE	0	93	97	97	97
6B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE					
6C	PARAQUAT	2.50 E	0.470 lb/ac	PRE					
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE					
7A	METALACHLOR + ATRA.	6.00 L	4.200 lb/ac	2WP	0	93	93	90	93
7B	PARAQUAT	2.50 E	0.625 lb/ac	2WP					
7C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP					
8A	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	2WP	0	87	93	93	93
8B	PARAQUAT	2.50 E	0.625 lb/ac	2WP					
8C	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP					
9A	ALACHLOR MT + ATRAZ	4.00 L	4.500 lb/ac	2WP	0	100	97	97	97
9B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP					
9C	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP					
10	CYANAZINE + ATRAZINE	90.00 DF	4.000 lb/ac	2WP	0	83	93	93	93
11A	CYANAZINE + ATRAZINE	90.00 DF	4.400 lb/ac	2WP	0	97	100	100	100
11B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	2WP					
12A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	0	90	93	93	93
12B	MON 12000+MON 13900	15.00 DF	0.075 lb/ac	2WP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2106 NO-TILL CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				
					CRIN	SETFA	AMACH	AMBEL	ERICA
13A	ICIA 5676	6.40 E	1.600 lb/ac	2WP	0	73	87	83	83
13B	ATRAZINE	4.00 L	1.500 lb/ac	2WP					
13C	PARAQUAT	2.50 E	0.625 lb/ac	2WP					
13D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP					
14A	ICIA 5676	6.40 E	2.000 lb/ac	2WP	0	90	97	97	100
14B	ATRAZINE	4.00 L	1.500 lb/ac	2WP					
14C	PARAQUAT	2.50 E	0.625 lb/ac	2WP					
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP					
15A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	4WP	0	83	87	83	83
15B	PARAQUAT	2.50 E	0.470 lb/ac	4WP					
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP					
16A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	4WP	0	77	90	87	87
16B	PARAQUAT	2.50 E	0.470 lb/ac	4WP					
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP					
17A	METRIBUZIN 1	75.00 DF	0.140 lb/ac	2WP	0	77	87	77	73
17B	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP					
17C	METOLACHLOR	8.00 E	2.000 lb/ac	2WP					
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP					
17E	METRIBUZIN 1	75.00 DF	0.094 lb/ac	EP					
17F	2,4 D ESTER	4.00 E	0.170 lb/ac	EP					
18A	METRIBUZIN 1	75.00 DF	0.140 lb/ac	2WP	0	83	90	90	90
18B	DICAMBA	4.00 S	0.250 lb/ac	2WP					
18C	METOLACHLOR	8.00 E	2.000 lb/ac	2WP					
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP					
18E	METRIBUZIN 1	75.00 DF	0.094 lb/ac	EP					
18F	DICAMBA	4.00 S	0.250 lb/ac	EP					

LSD(.05) : NS NS NS NS 15

LOCATION : PRINCETON, KY
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 14
 VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : 4WP APRIL 14
 2WP APRIL 28
 PRE MAY 14
 EP JUNE 5

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2113 CORN JOHNSONGRASS PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
1A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	0	83	0	83
1B	ATRAZINE	4.00 L	1.500 lb/ac	PPI				
2A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	0	97	0	100
2B	ATRAZINE	4.00 L	1.500 lb/ac	PPI				
2C	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF				
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
3A	BUTYLATE + R-25788	6.70 E	6.000 lb/ac	PPI	0	93	0	97
3B	ATRAZINE	4.00 L	1.500 lb/ac	PPI				
3C	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF				
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
4A	BUYTL + ATRA 4:1	6.00 ME	6.000 lb/ac	PPI	0	97	0	100
4B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF				
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
5A	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF	0	90	0	100
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
6A	NICOSULFURON	75.00 DF	0.016 lb/ac	5LF	0	100	0	100
6B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
6C	NICOSULFURON	75.00 DF	0.016 lb/ac	+2W				
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W				
7A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF	0	93	0	100
7B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
8A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	5LF	0	100	0	100
8B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
8C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+2W				
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W				

LSD(.05) : NS 8 NS 5

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 14
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 3.00 %
 DATE TREATED : PPI MAY 14
 5LF JUNE 10
 +2W JUNE 24

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2114 CORN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
1	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	67	0	53
2	PENDIMETHALIN	3.30 EC	1.500 lb/ac	2LF	0	10	0	10
3A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	87	0	87
3B	NICOSULFURON	75.00 DF	0.008 lb/ac	3LF				
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF				
4A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	77	0	73
4B	NICOSULFURON	75.00 DF	0.010 lb/ac	3LF				
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF				
5A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	90	0	90
5B	NICOSULFURON	75.00 DF	0.010 lb/ac	5LF				
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
6A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	90	0	93
6B	NICOSULFURON	75.00 DF	0.031 lb/ac	3LF				
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF				
7A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	90	0	93
7B	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF				
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
8A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	90	0	90
8B	PRIMISULFURON	75.00 WDG	0.009 lb/ac	3LF				
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF				
9A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	87	0	83
9B	PRIMISULFURON	75.00 WDG	0.018 lb/ac	3LF				
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF				
10A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	87	0	83
10B	PRIMISULFURON	75.00 WDG	0.018 lb/ac	5LF				
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
11A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	90	0	90
11B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	3LF				
11C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	3LF				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2114 CORN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
12A	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	0	90	0	93
12B	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF				
12C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
13A	NICOSULFURON	75.00 DF	0.010 lb/ac	5LF	0	87	0	80
13B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
14A	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF	0	90	0	93
14B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
15A	NICOSULFURON	75.00 DF	0.031 lb/ac	8J	0	93	0	93
15B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	8J				
16A	NICOSULFURON	75.00 DF	0.031 lb/ac	12J	0	100	0	100
16B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
17A	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF	0	93	0	93
17B	DICAMBA	4.00 S	0.250 lb/ac	5LF				
17C	X-77 (SURFACTANT)	0.50 WA	0.250 %	5LF				
18A	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF	0	93	0	97
18B	DICAMBA + ATRAZINE	3.20 L	1.400 lb/ac	5LF				
18C	X-77 (SURFACTANT)	0.50 WA	0.250 %	5LF				
19A	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF	0	87	0	83
19B	2,4 D AMINE	4.00 E	0.500 lb/ac	5LF				
19C	X-77 (SURFACTANT)	0.50 WA	0.250 %	5LF				
20A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	5LF	0	83	0	87
20B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
21A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	5LF	0	70	0	60
21B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	5LF				
22A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12J	0	100	0	100
22B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
23A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	8J	0	90	0	90
23B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	8J				
23C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	8J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2114 CORN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	SORHA	CRIN	SORHA
24A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12J	0	63	0	67
24B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
24C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	12J				
25A	PRIMISULFURON	75.00 WDG	0.024 lb/ac	12J	0	100	0	100
25B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
25C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	12J				
25D	PRIMISULFURON	75.00 WDG	0.012 lb/ac	+2W				
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W				
25F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	+2W				
26A	PRIMISULFURON	75.00 WDG	0.027 lb/ac	12J	0	100	0	100
26B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
26C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	12J				
26D	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+2W				
26E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+2W				
26F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	+2W				
27A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	12J	0	100	0	100
27B	NICOSULFURON	75.00 DF	0.016 lb/ac	12J				
27C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
28A	BROMOXYNIL	2.00 E	0.375 lb/ac	5LF	0	90	0	93
28B	ATRAZINE	4.00 L	1.000 lb/ac	5LF				
28C	NICOSULFURON	75.00 DF	0.031 lb/ac	5LF				
28D	X-77 (SURFACTANT)	0.50 WA	0.250 %	5LF				
LSD(.05) :					NS	21	NS	23

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 14
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 3.00 %
 DATE TREATED : PRE MAY 14
 3LF JUNE 6
 5LF JUNE 10
 8J JUNE 13
 12J JUNE 19
 +2W JULY 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2116 JOHNSONGRASS CONTROL IN CORN WITH PURSUIT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
1A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	85	0	80
1B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
2A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	85	0	83
2B	ATRAZINE	4.00 L	0.500 lb/ac	12J				
2C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
3A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	88	0	80
3B	BROMOXYNIL	2.00 E	0.125 lb/ac	12J				
3C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
3D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
4A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	83	0	80
4B	BROMOXYNIL	2.00 E	0.250 lb/ac	12J				
4C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
5A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	12J	0	90	0	88
5B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
6A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	3	80	0	48
6B	2,4 D AMINE	4.00 E	0.250 lb/ac	12J				
7A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	68	0	48
7B	DICAMBA	4.00 S	0.250 lb/ac	12J				
8	IMAZETHAPYR/METALACH	6.55 EC	1.560 lb/ac	12J	0	88	0	93
9A	NICOSULFURON	75.00 DF	0.031 lb/ac	12J	0	88	0	98
9B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
9C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
10A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12J	0	90	0	88
10B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2116 JOHNSONGRASS CONTROL IN CORN WITH PURSUIT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
11A	IMAZETHAPYR	2.00 AS	0.125 lb/ac	12J	0	90	0	90
11B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
11C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
12	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	0	100
LSD(.05) :					NS	14	NS	20

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 14
 VARIETY : PIONEER 33431R

SOIL TYPE : CRIDER SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : 12J JUNE 11

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2111 JOHNSONGRASS CONTROL IN CORN WITH PURSUIT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
1A	NICOSULFURON	75.00 DF	0.031 lb/ac	12"	23	90	17	90
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"				
2A	NICOSULFURON	75.00 DF	0.016 lb/ac	12"	7	90	0	93
2B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"				
2C	NICOSULFURON	75.00 DF	0.016 lb/ac	+14				
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
3A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12"	7	90	7	90
3B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"				
4A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	12"	7	93	7	90
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"				
4C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+14				
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
5A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	6"	0	90	0	90
5B	X-77 (SURFACTANT)	0.50 WA	0.250 %	6"				
6A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12"	0	90	0	90
6B	X-77 (SURFACTANT)	0.50 WA	0.250 %	12"				
7A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	18"	27	87	20	87
7B	X-77 (SURFACTANT)	0.50 WA	0.250 %	18"				
8A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	24"	27	87	7	90
8B	X-77 (SURFACTANT)	0.50 WA	0.250 %	24"				
LSD(.05) :					NS	NS	NS	NS

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 14
 VARIETY : PIONEER 33431R

SOIL TYPE : CRIDER SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : 6" JUNE 5
 12" JUNE 10
 +14D JUNE 24
 18" JUNE 15
 24" JUNE 18

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2112 JOHNSONGRASS CONTROL WITH ACCENT AND BEACON

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	SORHA	DIGSA	CRIN	SORHA	DIGSA
1A	NICOSULFURON	75.00 DF	0.031 lb/ac 6"		0	97	100	0	100	100
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 6"							
2A	NICOSULFURON	75.00 DF	0.031 lb/ac 12"		0	93	100	0	90	90
2B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 12"							
3A	NICOSULFURON	75.00 DF	0.031 lb/ac 18"		0	90	100	0	90	90
3B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 18"							
4A	NICOSULFURON	75.00 DF	0.031 lb/ac 24"		0	90	97	0	100	90
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 24"							
5A	NICOSULFURON	75.00 DF	0.016 lb/ac 6"		0	100	100	0	100	90
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 6"							
5C	NICOSULFURON	75.00 DF	0.016 lb/ac +14							
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac +14							
6A	NICOSULFURON	75.00 DF	0.016 lb/ac 12"		0	100	100	0	100	100
6B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 12"							
6C	NICOSULFURON	75.00 DF	0.016 lb/ac +14							
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac +14							
7A	NICOSULFURON	75.00 DF	0.016 lb/ac 18"		0	93	100	0	100	73
7B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 18"							
7C	NICOSULFURON	75.00 DF	0.016 lb/ac +14							
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac +14							
8A	NICOSULFURON	75.00 DF	0.016 lb/ac 24"		0	90	100	0	97	83
8B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 24"							
8C	NICOSULFURON	75.00 DF	0.016 lb/ac +14							
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac +14							
9A	NICOSULFURON	75.00 DF	0.024 lb/ac 6"		0	100	100	0	93	93
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 6"							
9C	NICOSULFURON	75.00 DF	0.008 lb/ac +14							
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac +14							
10A	NICOSULFURON	75.00 DF	0.024 lb/ac 12"		0	100	100	0	100	100
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac 12"							
10C	NICOSULFURON	75.00 DF	0.008 lb/ac +14							
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac +14							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2112 JOHNSONGRASS CONTROL WITH ACCENT AND BEACON

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	SORHA	DIGSA	CRIN	SORHA	DIGSA
11A	NICOSULFURON	75.00 DF	0.024 lb/ac	18"	3	93	100	0	90	90
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18"						
11C	NICOSULFURON	75.00 DF	0.008 lb/ac	+14						
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
12A	NICOSULFURON	75.00 DF	0.024 lb/ac	24"	0	93	100	0	90	90
12B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24"						
12C	NICOSULFURON	75.00 DF	0.008 lb/ac	+14						
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
13A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	6"	0	90	90	0	83	63
13B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	6"						
14A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	12"	0	93	83	0	97	57
14B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"						
15A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	18"	0	97	90	0	93	83
15B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18"						
16A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	24"	3	97	100	0	90	73
16B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24"						
17A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	6"	0	100	87	0	100	73
17B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	6"						
17C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+14						
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
18A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	12"	0	100	80	0	100	70
18B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"						
18C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+14						
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
19A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	18"	0	97	97	0	90	80
19B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18"						
19C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+14						
19D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
20A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	24"	3	97	100	0	100	67
20B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24"						
20C	PRIMISULFURON	75.00 WDG	0.018 lb/ac	+14						
20D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2112 JOHNSONGRASS CONTROL WITH ACCENT AND BEACON

TRT. NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----			-----8 WEEKS-----		
					CRIN	SORHA	DIGSA	CRIN	SORHA	DIGSA
21A	PRIMISULFURON	75.00 WDG	0.027 lb/ac	6"	0	100	87	0	90	50
21B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	6"						
21C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	+14						
21D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
22A	PRIMISULFURON	75.00 WDG	0.027 lb/ac	12"	0	100	90	0	100	70
22B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12"						
22C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	+14						
22D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
23A	PRIMISULFURON	75.00 WDG	0.027 lb/ac	18"	0	97	93	0	100	80
23B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18"						
23C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	+14						
23D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
24A	PRIMISULFURON	75.00 WDG	0.027 lb/ac	24"	0	97	100	0	97	83
24B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24"						
24C	PRIMISULFURON	75.00 WDG	0.009 lb/ac	+14						
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14						
LSD(.05) :					NS	7	8	NS	6	18

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 14
 VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : 6" JUNE 5
 +14D JUNE 19
 12" JUNE 11
 +14D JUNE 26
 18" JUNE 15
 +14D JUNE 29
 24" JUNE 18
 +14D JULY 2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2115 CORN JOHNSONGRASS MULTI-YEAR STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
1A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y1	0	83	0	78
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
2A	PRIMISULFURON	75.00 WDG	0.009 lb/ac	Y1	0	90	0	93
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	0	90	0	85
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	88	0	83
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	90	0	90
5B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
6A	PRIMISULFURON	75.00 WDG	0.018 lb/ac	Y1	0	88	0	88
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	0	93	0	95
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	0	90	0	90
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	90	0	90
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE C2115 CORN JOHNSONGRASS MULTI-YEAR STUDY

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	SORHA	CRIN	SORHA
10A	PRIMISULFURON	75.00 WDG	0.036 lb/ac	Y1	0	93	0	95
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	0	95	0	95
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	0	98	0	95
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	93	0	98
13B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	Y1				
14A	NICOSULFURON	75.00 DF	0.031 lb/ac	Y1	0	98	0	98
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	0	90	0	100
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	0	98
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	0	98
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	0	100

LSD(.05) : NS 6 NS 8

LOCATION : PRINCETON
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : MAY 14
VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
60 P, 60 K, pH : 6.0 O.M. : 1.50 %
DATE TREATED : Y1 JUNE 11, 1992
Y2

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	IPOHE	POLPY
1A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	3	17	63	37
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP				
2A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP	0	73	67	70
2B	METOLACHLOR	8.00 E	2.000 lb/ac	2WP				
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP				
3A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	3	80	73	70
3B	METOLACHLOR	8.00 E	2.000 lb/ac	4WP				
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP				
4A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP	0	73	67	70
4B	METOLACHLOR	8.00 E	1.330 lb/ac	2WP				
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP				
4D	METOLACHLOR	8.00 E	0.670 lb/ac	PRE				
5A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	77	73	70
5B	METOLACHLOR	8.00 E	1.330 lb/ac	4WP				
5C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	4WP				
5D	METOLACHLOR	8.00 E	0.670 lb/ac	PRE				
6A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP	0	77	70	70
6B	METOLACHLOR	8.00 E	2.000 lb/ac	2WP				
6C	PARAQUAT	2.50 E	0.470 lb/ac	2WP				
6D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP				
7A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	4WP	0	63	47	47
7B	METOLACHLOR	8.00 E	2.000 lb/ac	4WP				
7C	PARAQUAT	2.50 E	0.470 lb/ac	4WP				
7D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP				
8A	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	PRE	7	70	70	73
8B	METOLACHLOR	8.00 E	2.000 lb/ac	PRE				
8C	PARAQUAT	2.50 E	0.470 lb/ac	PRE				
8D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE				
9A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	4WP	0	60	77	70
9B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP				
9C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	IPOHE	POLPY
10A	CHLOR. + METRI. 1:6	75.00 DF	0.280 lb/ac	4WP	7	73	70	67
10B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP				
10C	PARAQUAT	2.50 E	0.360 lb/ac	PRE				
10D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE				
11A	ALACHLOR 2	65.00 WDG	3.000 lb/ac	2WP	0	43	53	57
11B	CHLOR. + METRI. 1:6	75.00 DF	0.375 lb/ac	2WP				
11C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
11D	X-77 (SURFACTANT)	0.50 WA	0.500 %	2WP				
12A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	3	63	73	80
12B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP				
12C	GLYPHOSATE	4.00 E	0.500 lb/ac	4WP				
13A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	10	80	63	73
13B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE				
13C	GLYPHOSATE	4.00 E	0.500 lb/ac	PRE				
14A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	10	70	80	80
14B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE				
14C	PARAQUAT	2.50 E	0.360 lb/ac	PRE				
14D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE				
15A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	7	60	80	77
15B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP				
15C	PARAQUAT	2.50 E	0.480 lb/ac	PRE				
15D	X-77 (SURFACTANT)	0.50 WA	0.250 %	PRE				
16A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	7	60	67	67
16B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP				
16C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP				
17A	IMAZAQUIN	1.50 AS	0.125 lb/ac	4WP	7	77	57	70
17B	PENDIMETHALIN	3.30 EC	1.500 lb/ac	4WP				
17C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP				
17D	CLETHODIM	0.94 EC	0.094 lb/ac	MP				
17E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
18A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	70	83	80
18B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP				
18C	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	IPOHE	POLPY
19A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	60	73	63
19B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP				
19C	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP				
20A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	63	73	77
20B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP				
20C	PARAQUAT	2.50 E	0.480 lb/ac	2WP				
20D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP				
21A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	0	67	67	70
21B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP				
21C	PARAQUAT	2.50 E	0.480 lb/ac	4WP				
21D	X-77 (SURFACTANT)	0.50 WA	0.250 %	4WP				
22A	TRIFLURALIN	4.00 E	1.500 lb/ac	2WP	0	63	67	70
22B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	2WP				
22C	2,4 D ESTER	4.00 E	0.500 lb/ac	2WP				
23A	TRIFLURALIN	4.00 E	1.500 lb/ac	4WP	3	73	63	70
23B	CHLOR. + METRI. 1:6	75.00 DF	0.370 lb/ac	4WP				
23C	2,4 D ESTER	4.00 E	0.500 lb/ac	4WP				
24A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	13	73	83	73
24B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP				
24C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
24D	LACTOFEN	2.00 E	0.094 lb/ac	MP				
24E	SUN-IT II	0.00 AD	0.500 qt/ac	MP				
25A	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP	13	70	70	63
25B	PENDIMETHALIN	3.30 EC	1.000 lb/ac	4WP				
25C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
25D	LACTOFEN	2.00 E	0.094 lb/ac	MP				
25E	CLETHODIM	0.94 EC	0.095 lb/ac	MP				
25F	SUN-IT II	0.00 AD	0.500 qt/ac	MP				
26A	METRIBUZIN 1	75.00 DF	0.380 lb/ac	2WP	7	80	73	73
26B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP				
26C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
26D	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP				
26E	10 34 0	0.00 AD	1.000 qt/ac	MP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2117 NO-TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-4 WEEKS AFTER APPLIED-			
					CRIN	DIGSA	IPOHE	POLPY
27A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	2WP	0	73	60	60
27B	GLYPHOSATE	4.00 E	0.375 lb/ac	2WP				
27C	AMMONIUM SULFATE	99.99 WA	2.000 %	2WP				
27D	X-77 (SURFACTANT)	0.50 WA	0.250 %	2WP				
28A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	2WP	0	73	67	53
28B	CHLOR. + METRI. 1:6	75.00 DF	0.140 lb/ac	2WP				
28C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP				
29A	METALACHLOR + METRIB	8.00 EC	2.250 lb/ac	2WP	0	63	53	57
29B	2,4-DB	2.00 E	0.225 lb/ac	2WP				
29C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WP				
30A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	2WP	3	63	47	47
30B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
31A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	2WP	0	67	47	47
31B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
32A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	2WP	0	80	73	83
32B	GLYPHOSATE	4.00 E	0.750 lb/ac	2WP				
33A	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	4WP	0	50	57	57
33B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP				
34A	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	4WP	0	43	40	47
34B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP				
35A	METALACHLOR + DE-498	7.67 EC	2.640 lb/ac	4WP	3	30	40	40
35B	GLYPHOSATE	4.00 E	0.750 lb/ac	4WP				
LSD(.05) :					7	25	27	NS

LOCATION : PRINCETON, KY
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : WILLIAMS 82

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : 4WP APRIL 14
 2WP APRIL 28
 PRE MAY 14
 MP JUNE 11

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	SORHA	CRIN	SORHA
1A	QUIZALOFOP	0.80 E	0.080 lb/ac	18J	0	100	0	100
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
2A	QUIZALOFOP	0.80 E	0.080 lb/ac	24J	0	100	0	100
2B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24J				
3A	HOE 46360	0.67 E	0.790 lb/ac	18J	0	100	0	100
3B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
4A	HOE 46360	0.67 E	0.060 lb/ac	18J	0	100	0	100
4B	FLUAZIFOP-BUYTL	1.00 E	0.094 lb/ac	18J				
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
5A	LACTOFEN	2.00 E	0.200 lb/ac	18J	7	100	0	100
5B	QUIZALOFOP	0.80 L	0.080 lb/ac	18J				
5C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	18J				
6A	LACTOFEN	2.00 E	0.200 lb/ac	18J	3	97	0	97
6B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	18J				
6C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	18J				
7A	LACTOFEN	2.00 E	0.200 lb/ac	18J	10	97	0	97
7B	CLETHODIM	0.94 EC	0.094 lb/ac	18J				
7C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	18J				
8A	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	12J	3	100	0	100
8B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
9A	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	12J	3	100	0	97
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
10A	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	12J	0	90	0	90
10B	FOMESAFEN	2.00 LC	0.375 lb/ac	12J				
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
11A	SETHOXYDIM 2	1.00 E	0.280 lb/ac	18J	0	100	0	100
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
12A	SETHOXYDIM 2	1.00 E	0.280 lb/ac	24J	0	100	0	100
12B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	SORHA	CRIN	SORHA
13A	SETHOXYDIM 2	1.00 E	0.125 lb/ac	12J	0	93	0	93
13B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
14A	SETHOXYDIM 2	1.00 E	0.125 lb/ac	12J	10	100	0	100
14B	FLUAZIFOP-BUYTL	1.00 E	0.063 lb/ac	12J				
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
15A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	12J	0	97	0	100
15B	FLUAZIFOP-BUYTL	1.00 E	0.063 lb/ac	12J				
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	12J				
16A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	3	90	0	90
16B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
16C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	3	93	0	97
17B	CLETHODIM	0.94 EC	0.059 lb/ac	12J				
17C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
17D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
18A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	93	0	87
18B	CLETHODIM	0.94 EC	0.044 lb/ac	12J				
18C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
18D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
19A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	93	0	93
19B	CLETHODIM	0.94 EC	0.029 lb/ac	12J				
19C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
19D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
20A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	3	90	0	90
20B	FLUAZIFOP-BUYTL	1.00 E	0.078 lb/ac	12J				
20C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
20D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
21A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	0	90	0	93
21B	FLUAZIFOP-BUYTL	1.00 E	0.125 lb/ac	12J				
21C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
21D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	SORHA	CRIN	SORHA
22A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	7	93	0	93
22B	SETHOXYDIM 2	1.00 E	0.078 lb/ac	12J				
22C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
22D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
23A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	12J	3	90	0	90
23B	SETHOXYDIM 2	1.00 E	0.125 lb/ac	12J				
23C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
23D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
24	CLETHODIM	0.94 EC	0.074 lb/ac	18J	0	100	0	100
25	CLETHODIM	0.94 EC	0.074 lb/ac	24J	0	90	0	90
26A	CLETHODIM	0.94 EC	0.066 lb/ac	18J	3	63	0	93
26B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
27A	CLETHODIM	0.94 EC	0.066 lb/ac	18J	0	67	0	97
27B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
28A	CLETHODIM	0.94 EC	0.066 lb/ac	24J	0	100	0	100
28B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24J				
29A	CLETHODIM	0.94 EC	0.080 lb/ac	18J	0	100	0	100
29B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
30A	CLETHODIM	0.94 EC	0.080 lb/ac	24J	0	100	0	100
30B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24J				
31A	CLETHODIM	0.94 EC	0.088 lb/ac	18J	0	100	0	100
31B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
32A	CLETHODIM	0.94 EC	0.088 lb/ac	24J	0	97	0	100
32B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24J				
33A	CLETHODIM	0.94 EC	0.095 lb/ac	18J	0	100	0	100
33B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
34A	CLETHODIM	0.94 EC	0.095 lb/ac	24J	3	100	0	100
34B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	24J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	SORHA	CRIN	SORHA
35A	CLETHODIM	0.94 EC	0.094 lb/ac	12J	0	100	0	100
35B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
35C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	12J				
36	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	0	100
LSD(.05) :					NS	NS	NS	6

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : WILLIAMS 82

SOIL TYPE : CRIDER SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : 12J JUNE 5
 18J JUNE 18
 24J JUNE 26

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2112 SOYBEAN VELVETLEAF CONTROL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	ABUTH	CRIN	ABUTH
1A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	80	0	87
1B	BENTAZON	4.00 E	1.000 lb/ac	LLP				
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP				
1D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP				
2A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	90	0	90
2B	V-23031	0.86 EC	0.026 lb/ac	LLP				
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP				
3A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	87	0	93
3B	V-23031	0.86 EC	0.026 lb/ac	LLP				
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP				
3D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP				
4A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	93	0	93
4B	V-23031	0.86 EC	0.026 lb/ac	LLP				
4C	BENTAZON	4.00 E	0.500 lb/ac	LLP				
4D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP				
5A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	97	0	100
5B	V-23031	0.86 EC	0.026 lb/ac	LLP				
5C	BENTAZON	4.00 E	0.500 lb/ac	LLP				
5D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LLP				
5E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP				
6A	ALACHLOR	4.00 MT	3.000 lb/ac	PRE	0	83	0	90
6B	V-23031	0.86 EC	0.026 lb/ac	LLP				
6C	BENTAZON	4.00 E	0.500 lb/ac	LLP				
6D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	LLP				
7	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	0	73	0	77
8	F6285	4.00 F	0.375 lb/ac	PPI	0	7	0	10
9	PENDAMETHALIN + IMAZ	2.33 EC	0.870 lb/ac	PPI	0	27	0	37
10A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	0	80	0	87
10B	IMAZAQUIN	1.50 AS	0.082 lb/ac	PPI				
10C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP				
10D	SUN-IT II	0.00 AD	0.750 qt/ac	MP				
10E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2112 SOYBEAN VELVETLEAF CONTROL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	ABUTH	CRIN	ABUTH
11A	BENTAZON	4.00 E	1.000 lb/ac	7LF	0	60	0	63
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	7LF				
11C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
11D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	80	0	87
12B	SUN-IT II	0.00 AD	1.000 qt/ac	MP				
12C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
13A	IMAZETHAPYR	2.00 AS	0.032 lb/ac	MP	0	83	0	87
13B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP				
13C	SUN-IT II	0.00 AD	1.000 qt/ac	MP				
13D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
14A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	100	0	100
14B	LACTOFEN	2.00 E	0.100 lb/ac	3LF				
14C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
15A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	3	97	0	97
15B	LACTOFEN	2.00 E	0.125 lb/ac	3LF				
15C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
16A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	97	0	97
16B	LACTOFEN	2.00 E	0.150 lb/ac	3LF				
16C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
17A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	100	0	100
17B	LACTOFEN	2.00 E	0.200 lb/ac	3LF				
17C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
18A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	10	0	13
18B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF				
18C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
18D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
18E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
19A	LACTOFEN	2.00 E	0.100 lb/ac	3LF	0	10	0	10
19B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF				
19C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
19D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
19E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2112 SOYBEAN VELVETLEAF CONTROL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---		---8 WK---	
					CRIN	ABUTH	CRIN	ABUTH
20A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	23	0	23
20B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF				
20C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
20D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
20E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
21A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	53	0	70
21B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF				
21C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
21D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
21E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
22A	LACTOFEN	2.00 E	0.100 lb/ac	3LF	0	70	0	73
22B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF				
22C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
22D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
22E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
23A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	77	0	83
23B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF				
23C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF				
23D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D				
23E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D				
24A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	7	50	0	53
24B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF				
24C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF				
25A	LACTOFEN	2.00 E	0.094 lb/ac	7LF	0	43	0	43
25B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
25C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
26A	LACTOFEN	2.00 E	0.125 lb/ac	7LF	0	57	0	60
26B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
26C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
26D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
27A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	0	70	0	73
27B	BENTAZON	4.00 E	0.250 lb/ac	3TR				
27C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2112 SOYBEAN VELVETLEAF CONTROL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	ABUTH	CRIN	ABUTH
28A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	0	87	0	90
28B	BENTAZON	4.00 E	0.500 lb/ac	3TR				
28C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR				
29A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	0	80	0	90
29B	DPX M6316	25.00 DF	0.002 lb/ac	3TR				
29C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR				
30	TRIFLURALIN + DE-498	3.63 EC	0.910 lb/ac	PPI	0	50	0	60
31	TRIFLURALIN + DE-498	3.63 EC	1.030 lb/ac	PPI	0	60	0	67
32	METALACHLOR + DE-498	7.67 EC	1.870 lb/ac	PRE	0	60	0	60
33	METALACHLOR + DE-498	7.67 EC	1.920 lb/ac	PPI	0	50	0	50
34	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PPI	0	27	0	33
35	METALACHLOR + DE-498	7.67 EC	2.160 lb/ac	PRE	0	77	0	70
36	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PPI	0	50	0	47
37	METALACHLOR + DE-498	7.67 EC	2.400 lb/ac	PRE	0	77	0	77
38A	V-23031	0.86 EC	0.026 lb/ac	7LF	0	73	0	83
38B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
38C	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
38D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
39A	V-23031	0.86 EC	0.026 lb/ac	7LF	3	73	0	80
39B	LACTOFEN	2.00 E	0.094 lb/ac	7LF				
39C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
39D	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
39E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
40A	V-23031	0.86 EC	0.026 lb/ac	7LF	3	60	0	73
40B	LACTOFEN	2.00 E	0.125 lb/ac	7LF				
40C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
40D	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
40E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2112 SOYBEAN VELVETLEAF CONTROL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----		---8 WK----	
					CRIN	ABUTH	CRIN	ABUTH
41A	V-23031	0.86 EC	0.026 lb/ac	7LF	0	73	0	80
41B	LACTOFEN	2.00 E	0.125 lb/ac	7LF				
41C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	7LF				
41D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF				
41E	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
41F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
42A	V-23031	0.86 EC	0.026 lb/ac	7LF	0	83	0	90
42B	LACTOFEN	2.00 E	0.125 lb/ac	7LF				
42C	X-77 (SURFACTANT)	0.50 WA	0.250 %	7LF				
42D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF				
42E	CLETHODIM	0.94 EC	0.094 lb/ac	+14				
42F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14				
LSD(.05) :					NS	28	NS	29

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 14
 VARIETY : WILLIAMS 82

SOIL TYPE : CRIDER SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : PPI MAY 14
 PRE MAY 14
 3LF JUNE 5
 3TR JUNE 11
 7LF JUNE 15
 +14D JUNE 29
 LLP JUNE 18

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2114 MORNINGGLORY CONTROL IN SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---	
					CRIN	IPOHE
1A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	90
1B	FOMESAFEN	2.00 LC	0.375 lb/ac	MP		
1C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
1D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
2A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	90
2B	FOMESAFEN	2.00 LC	0.250 lb/ac	MP		
2C	IMAZETHAPYR	2.00 AS	0.032 lb/ac	MP		
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
2E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
3A	ALACHLOR	4.00 MT	2.500 lb/ac	PRE	0	90
3B	FOMESAFEN	2.00 LC	0.250 lb/ac	MP		
3C	BENTAZON	4.00 E	0.500 lb/ac	MP		
3D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
4A	PENDIMETHALIN	3.30 EC	1.000 lb/ac	PPI	0	87
4B	IMAZAQUIN	1.50 AS	0.082 lb/ac	PPI		
4C	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP		
4D	SUN-IT II	0.00 AD	0.750 qt/ac	MP		
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
5A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI	0	33
5B	TRIFLUR. + CLOMAZONE	5.25 EC	1.480 lb/ac	PPI		
6A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PPI	0	50
6B	CHLORIMURON	25.00 DF	0.008 lb/ac	MP		
6C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP		
7A	CHLOR. + METRI. 1:6	75.00 DF	0.140 lb/ac	PRE	0	33
7B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE		
8A	CHLOR. + METRI. 1:6	75.00 DF	0.188 lb/ac	PRE	0	50
8B	IMAZAQUIN	1.50 AS	0.042 lb/ac	PRE		
9A	CHLORIM + LINURON	60.00 DF	0.300 lb/ac	PRE	0	50
9B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE		
10A	CHLORIM + LINURON	60.00 DF	0.400 lb/ac	PRE	0	50
10B	IMAZAQUIN	1.50 AS	0.042 lb/ac	PRE		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2114 MORNINGGLORY CONTROL IN SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---	
					CRIN	IPOHE
11A	CHLOR. + METRI. 1:10	75.00 DF	0.188 lb/ac	PRE	0	30
11B	IMAZAQUIN	1.50 AS	0.063 lb/ac	PRE		
12A	CHLOR. + METRI. 1:10	75.00 DF	0.280 lb/ac	PRE	0	43
12B	IMAZAQUIN	1.50 AS	0.042 lb/ac	PRE		
13A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	80
13B	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP		
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
14A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	60
14B	LACTOFEN	2.00 E	0.063 lb/ac	MP		
14C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP		
14D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	77
15B	LACTOFEN	2.00 E	0.094 lb/ac	MP		
15C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP		
15D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
16A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	53
16B	LACTOFEN	2.00 E	0.125 lb/ac	MP		
16C	X-77 (SURFACTANT)	0.50 WA	0.250 %	MP		
16D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
17A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	73
17B	SUN-IT II	0.00 AD	0.750 qt/ac	MP		
17C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
18A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	50
18B	LACTOFEN	2.00 E	0.063 lb/ac	MP		
18C	SUN-IT II	0.00 AD	0.750 qt/ac	MP		
18D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
19A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	67
19B	LACTOFEN	2.00 E	0.094 lb/ac	MP		
19C	SUN-IT II	0.00 AD	0.750 qt/ac	MP		
19D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2114 MORNINGGLORY CONTROL IN SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----	
					CRIN	IPOHE
20A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP	0	83
20B	LACTOFEN	2.00 E	0.125 lb/ac	MP		
20C	SUN-IT II	0.00 AD	0.750 qt/ac	MP		
20D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP		
21A	LACTOFEN	2.00 E	0.190 lb/ac	MP	0	80
21B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP		
22A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	73
22B	LACTOFEN	2.00 E	0.100 lb/ac	3LF		
22C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
23A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	77
23B	LACTOFEN	2.00 E	0.125 lb/ac	3LF		
23C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
24A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	83
24B	LACTOFEN	2.00 E	0.150 lb/ac	3LF		
24C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
25A	IMAZETHAPYR + PENDIM	3.00 E	0.900 lb/ac	PRE	0	83
25B	LACTOFEN	2.00 E	0.200 lb/ac	3LF		
25C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
26A	CHLORIMURON	25.00 DF	0.004 lb/ac	3LF	0	83
26B	DPX M6316	25.00 DF	0.004 lb/ac	3LF		
26C	X-77 (SURFACTANT)	0.50 WA	0.250 %	3LF		
27A	SETHOXYDIM 2	1.00 E	0.188 lb/ac	3TR	0	47
27B	DPX M6316	25.00 DF	0.002 lb/ac	3TR		
27C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	3TR		
28A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	0	77
28B	QUIZALOFOP	0.80 E	0.080 lb/ac	3LF		
28C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF		
29A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	0	53
29B	FLUAZIFOP-BUYTL	1.00 E	0.188 lb/ac	3LF		
29C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2114 MORNINGGLORY CONTROL IN SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK----	
					CRIN	IPOHE
30A	LACTOFEN	2.00 E	0.200 lb/ac	3LF	0	63
30B	CLETHODIM	0.94 EC	0.094 lb/ac	3LF		
30C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	3LF		
31A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	37
31B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF		
31C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
31D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
31E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
32A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	40
32B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF		
32C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
32D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
32E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
33A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	63
33B	CHLORIMURON	25.00 DF	0.008 lb/ac	3LF		
33C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
33D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
33E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
34A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	50
34B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF		
34C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
34D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
34E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
35A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	37
35B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF		
35C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
35D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
35E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
36A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	0	70
36B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	3LF		
36C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
36D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
36E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE S2114 MORNINGGLORY CONTROL IN SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---4 WK---	
					CRIN	IPOHE
37A	LACTOFEN	2.00 E	0.063 lb/ac	3LF	0	40
37B	DPX M6316	25.00 DF	0.003 lb/ac	3LF		
37C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
37D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
37E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
38A	LACTOFEN	2.00 E	0.010 lb/ac	3LF	0	30
38B	DPX M6316	25.00 DF	0.003 lb/ac	3LF		
38C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
38D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
38E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
39A	LACTOFEN	2.00 E	0.125 lb/ac	3LF	3	53
39B	DPX M6316	25.00 DF	0.003 lb/ac	3LF		
39C	METHYLATED SUNFLOWER	0.00 AD	0.500 qt/ac	3LF		
39D	CLETHODIM	0.94 EC	0.094 lb/ac	+7D		
39E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D		
40A	LACTOFEN	2.00 E	0.125 lb/ac	7LF	3	47
40B	DPX M6316	25.00 DF	0.001 lb/ac	7LF		
40C	X-77 (SURFACTANT)	0.50 WA	0.125 %	7LF		
40D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	7LF		
40E	CLETHODIM	0.94 EC	0.094 lb/ac	+14		
40F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+14		
LSD(.05) :					NS	26

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 14
 VARIETY : WILLIAMS 82

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.0 O.M. : 1.50 %
 DATE TREATED : PPI MAY 14
 PRE MAY 14
 MPJUNE 5
 3LF JUNE 5
 3TR JUNE 11
 7LF JUNE 15
 +14D JUNE 29

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE A2001 ALFALFA POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				
					GGGGG	BBBBB	CRIN	SETFA	AMACH
1A	SETHOXYDIM 2	1.00 E	0.190 lb/ac	EP	93	15	0	93	18
1B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP					
2A	2,4-DB	2.00 E	0.250 lb/ac	EP	90	60	30	95	55
2B	SETHOXYDIM 2	1.00 E	0.190 lb/ac	EP					
2C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP					
3A	BROMOXYNIL	2.00 E	0.250 lb/ac	EP	88	33	3	90	33
3B	SETHOXYDIM 2	1.00 E	0.188 lb/ac	EP					
3C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP					
4A	BROMOXYNIL	2.00 E	0.250 lb/ac	EP	90	90	8	90	100
4B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	EP					
4C	X-77 (SURFACTANT)	0.50 WA	0.250 %	EP					
5A	BROMOXYNIL	2.00 E	0.250 lb/ac	EP	90	90	5	90	98
5B	IMAZETHAPYR	2.00 AS	0.045 lb/ac	EP					
5C	X-77 (SURFACTANT)	0.50 WA	0.250 %	EP					
6A	BROMOXYNIL	2.00 E	0.250 lb/ac	EP	90	88	13	93	93
6B	SETHOXYDIM 2	1.00 E	0.188 lb/ac	EP					
6C	2,4-DB	2.00 E	0.500 lb/ac	EP					
6D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP					
7A	PYRIDATE	3.75 EC	0.700 lb/ac	MP	90	75	0	93	78
7B	SETHOXYDIM 2	1.00 E	0.250 lb/ac	+7D					
7C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+7D					
8A	PYRIDATE	3.75 EC	0.900 lb/ac	MP	88	63	0	85	60
8B	SETHOXYDIM 2	1.00 E	0.250 lb/ac	MP					
8C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
9A	PYRIDATE	3.75 EC	0.450 lb/ac	MP	88	80	13	90	90
9B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
9C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
10A	PYRIDATE	3.75 EC	0.900 lb/ac	MP	90	65	3	93	55
10B	IMAZETHAPYR	2.00 AS	0.063 lb/ac	MP					
10C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE A2001 ALFALFA POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4 WEEKS AFTER APPLIED----				
					GGGGG	BBBBB	CRIN	SETFA	AMACH
11A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	EP	88	93	5	85	95
11B	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
11C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
12A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	EP	85	90	15	88	98
12B	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
12C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
13A	IMAZETHAPYR	2.00 AS	0.094 lb/ac	EP	90	90	10	90	98
13B	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
14A	IMAZETHAPYR	2.00 AS	0.047 lb/ac	EP	93	90	3	93	98
14B	X-77 (SURFACTANT)	0.50 WA	0.250 %	EP					
14C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
15A	IMAZETHAPYR	2.00 AS	0.063 lb/ac	EP	88	90	8	88	100
15B	X-77 (SURFACTANT)	0.50 WA	0.250 %	EP					
15C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
16	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0
			LSD(.05) :		6	26	9	8	30

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : APRIL 15
 VARIETY : BUFFALO

SOIL TYPE : MAURY SILT LOAM
 0 P, 0 K, pH : 6.0
 DATE TREATED : EP MAY 22
 MP MAY 22
 MAY 29
 O.M. : 3.00 %

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE T2025 BURLEY TOBACCO

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	SOLPT	AMACH	ABUTH
1	BENEFIN	1.50 E	1.500 lb/ac	PPI	90	90	0	90	90	85	90	88
2	ISOPROPALIN	6.00 E	1.500 lb/ac	PPI	93	83	0	90	83	75	90	85
3	NAPROPAMIDE	50.00 DF	1.000 lb/ac	PPI	83	73	0	83	83	53	85	80
4	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PPI	93	90	0	93	90	90	95	90
5	PENDIMETHALIN	3.30 EC	1.500 lb/ac	PRE	90	90	0	90	98	100	100	90
6A	PEBULATE	6.00 E	4.000 lb/ac	PPI	90	85	0	93	93	70	95	90
6B	NAPROPAMIDE	50.00 DF	1.000 lb/ac	PPI								
7	FONOFOS + PEBULATE	5.00 EC	5.000 lb/ac	PPI	93	68	0	93	58	55	73	85
8A	FONOFOS + PEBULATE	5.00 EC	5.000 lb/ac	PPI	90	88	0	90	95	53	100	90
8B	NAPROPAMIDE	50.00 DF	1.000 lb/ac	PPI								
9	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	95	88	0	98	98	95	83	93
10	CLOMAZONE	4.00 EC	1.000 lb/ac	POT	100	95	0	100	100	100	90	98
11A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	98	90	0	98	100	98	93	93
11B	PENDIMETHALIN	3.30 EC	0.500 lb/ac	PPI								
12A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	95	90	0	95	100	100	88	100
12B	PEBULATE	6.00 E	4.000 lb/ac	PPI								
13A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	98	90	0	98	100	95	85	98
13B	PEBULATE	6.00 E	4.000 lb/ac	PPI								
14A	CLOMAZONE	4.00 EC	0.750 lb/ac	PRE	93	90	0	93	95	95	85	90
14B	NAPROPAMIDE	50.00 DF	2.000 lb/ac	PRE								
15A	CLOMAZONE	4.00 EC	1.000 lb/ac	PRE	90	90	0	90	100	93	90	90
15B	NAPROPAMIDE	50.00 DF	2.000 lb/ac	PRE								
16A	CLOMAZONE	4.00 EC	0.750 lb/ac	PPI	95	95	0	98	100	100	98	95
16B	F6285	4.00 F	0.375 lb/ac	PPI								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1992

TABLE T2025 BURLEY TOBACCO

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLIED-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	SOLPT	AMACH	ABUTH
17A	CLOMAZONE	4.00 EC	1.000 lb/ac	PPI	98	93	0	98	100	98	95	95
17B	F6285	4.00 F	0.375 lb/ac	PPI								
18	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
LSD(.05) :					7	7	NS	6	9	13	9	6

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 19
 VARIETY :

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.0 O.M. : 3.00 %
 DATE TREATED : PPI MAY 19
 PRE MAY 19
 POT MAY 19