

Herbicide Evaluation Trials - 1994

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(Not for Publication)

ACKNOWLEDGEMENTS

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

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

Mark Cole and **Ted Hicks**, 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.

Rich Schmenk, **Joe Greenwell** and **Nancy Gift**, graduate research assistants, who made significant contributions in conducting the herbicide trials and special projects.

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

A special thanks to **Mrs. Barbara Nevius**, Publications Production Manager, and her group for the many hours of hard work involved in the quick printing of this report and to **Dr. Dennis Duross** for editing.

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I. EXPERIMENTAL TECHNIQUES

DESIGN:

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

APPLICATION:

All treatment were applied with pressurized CO₂ sprayer at 25 GPA. unless indicated otherwise. 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 information is found at the end of each summary:

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

II. ABBREVIATIONS

A. Weed Species

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

B. Miscellaneous

BBBBB	All Broadleaf Species
GGGGG	All Grass Species
CRIN	Crop Injury

II Abbreviations

C. Herbicide application times in Reference to Crop or Weed

PREEMERGENCE

2WK 2 WEEKS BEFORE PLANTING
1WK -1 WEEK BEFORE PLANTING
PPI -PREPLANT INCORPORATED
PRE -PREEMERGENCE
ATP -AT PLANTING
1H -ONE HOUR AFTER FIRST APPLICATION

POSTEMERGENCE

EP -EARLY POSTEMERGENCE WEEDS < 2"
EMP -EARLY MID-POSTEMERGENCE WEEDS 2-3"
MP -MID-POSTEMERGENCE WEEDS 2-4"
LMP -LATE MID-POSTEMERGENCE WEEDS 4-5"
LP -LATE POSTEMERGENCE WEEDS 4-6"
LLP -LATE LATE POSTEMERGENCE WEEDS 8-12"
POD -POSTEMERGENCE DIRECTED
POT -POST TRANSPLANT APPLICATION
+3D -SEQUENTIAL TREATMENT APPLIED 3 DAYS AFTER FIRST APPLICATION
+7D -SEQUENTIAL TREATMENT APPLIED 7 DAYS AFTER FIRST APPLICATION
+2W -APPLIED 2 WEEKS AFTER 1st APPLICATION
3" -3 INCH WEED SPECIES
6" -6 INCH WEED SPECIES
10" -10 INCH WEED SPECIES
12" -12 INCH WEED SPECIES
18" -18 INCH WEED SPECIES
10J -10 INCH JOHNSONGRASS
12J -12 INCH JOHNSONGRASS
16J -16 INCH JOHNSONGRASS
18J -18 INCH JOHNSONGRASS
2RE -2 INCH WEED REGROWTH
IFN -TREATMENT TO BE APPLIED ONLY IF NEEDED
INF -IN FURROW INSECTICIDE APPLICATION

III. A. APRIL CIMATALOGICAL DATA, SPINDLTOP

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
04-01-94	59	30	44		83	37	51	43	57	42	
04-02-94	67	45	56	.01	70	42	52	46	58	44	
04-03-94	58	39	48	.24	95	43	51	47	53	45	
04-04-94	56	26	41		87	39	53	44	60	39	.05
04-05-94 E	64	45	54	T							
04-06-94	55	51	53	.87	100	78	51	48	53	44	.01
04-07-94	49	30	40		83	43	52	45	58	40	.02
04-08-94	66	30	48		84	26	54	45	60	39	.07
04-09-94	70	48	59		63	33	53	49	57	47	.13
04-10-94	67	61	64	.51	95	62	57	53	63	55	.07
04-11-94	62	47	54	.55	94	76	55	52	56	51	.05
04-12-94	74	53	64	.24	95	62	58	53	63	53	.06
04-13-94	62	57	60		82	49	58	55	62	53	.09
04-14-94	78	47	62		67	30	60	53	67	50	.18
04-15-94	76	55	66	1.42	100	41	58	55	62	54	.03
04-16-94	62	42	52		81	32	56	54	60	50	.11
04-17-94	67	44	56		75	25	58	52	63	48	.13
04-18-94	78	46	62		70	26	59	52	67	49	.17
04-19-94	80	60	70		55	34	62	56	71	56	.18
04-20-94	70	44	57		80	17	63	56	70	53	.16
04-21-94	64	46	55	.03	84	39	60	56	67	52	.13
04-22-94	61	45	53	.06	85	23	60	55	66	52	.14
04-23-94	67	35	51		65	20	61	53	69	47	.12
04-24-94	76	45	60		64	40	62	54	72	50	.16
04-25-94	80	57	68		75	39	65	58	77	58	.19
04-26-94	82	61	72	T	71	48	67	60	78	61	.16
04-27-94	78	59	68	.75	100	62	69	62	77	63	.10
04-28-94	79	58	68	.08	85	60	68	64	76	64	.11
04-29-94	77	58	68	.87	85	70	66	64	70	64	.05
04-30-94	73	54	64	.39	100	68	64	62	67	61	.06

Summarized and averaged data for 04-01-94 thru 04-30-94:

AIR TEMP	TOTAL	RH	GRASS	BARE	SOIL TEMP							
TOTAL			MX	MN	AV	PRECIP	MX	MN	MX	MN	MX	MN
STATION												
EVAP												
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SPINDLETOP			69	47	58	6.02	82	44	59	53	65	51
2.73												
(Deviation from normal)		+3	+2	+3	+2.14							

"E" indicates data estimated by NWS.

"T" indicates Trace amount of Precip (too small to measure).

III. A. MAY CIMATALOGICAL DATA, SPINDLTOP

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
	MX	MN	AV		MX	MN	MX	MN	MX	MN	
05-01-94	45	40	42		79	72	63	58	62	53	.08
05-02-94	58	34	46		85	45	62	55	67	49	.14
05-03-94	50	46	48	.35	89	57	59	57	57	54	.00
05-04-94	55	46	50		85	72	58	56	58	53	.00
05-05-94	68	41	54		91	53	62	55	68	52	.06
05-06-94	63	53	58	.12	100	71	60	59	63	57	.19
05-07-94	69	56	62	1.85	100	71	61	59	65	57	.01
05-08-94	63	58	60		81	50	63	58	69	54	.03
05-09-94	70	45	58		83	49	65	58	72	54	.19
05-10-94	72	48	60		85	24	65	60	70	57	.19
05-11-94	73	46	60		87	32	65	59	69	58	.18
05-12-94	70	57	64	.12	100	29	66	60	69	61	.07
05-13-94	67	44	56		100	42	67	59	68	58	.16
05-14-94	87	54	70	.63	100	58	68	60	71	60	.05
05-15-94	68	62	65	.55	100	73	66	65	68	65	.03
05-16-94	70	51	60		100	42	68	62	71	61	.13
05-17-94	67	43	55		80	48	68	61	71	58	.16
05-18-94	65	46	56		76	40	68	61	69	59	.16
05-19-94	65	41	53		83	49	65	60	67	59	.14
05-20-94	70	43	56		89	34	68	59	72	58	.21
05-21-94	75	44	60		95	55	70	60	74	58	.21
05-22-94	82	46	64		85	26	72	62	77	60	.23
05-23-94	85	58	72		80	34	74	65	79	64	.24
05-24-94	82	63	72		79	39	73	67	77	68	.23
05-25-94	80	60	70	T	90	49	72	67	76	66	.23
05-26-94	69	53	61	.43	95	62	69	65	70	65	.11
05-27-94	64	45	54		85	44	70	62	72	61	.15
05-28-94	71	42	56		95	29	71	61	74	60	.19
05-29-94	79	47	63		95	36	72	62	75	61	.22
05-30-94	81	61	71		84	48	72	65	76	66	.19
05-31-94	83	59	71		95	42	74	66	75	66	.18

Summarized and averaged data for 05-01-94 thru 05-31-94:

AIR TEMP	TOTAL	RH	GRASS		BARE	SOIL TEMP							
			MX	MN		AV	PRECIP	MX	MN	MX	MN	MX	MN
TOTAL													
STATION													
EVAP													
SPINDLETOP		70	49	60		4.05	89	48	67	61	70	59	

(Deviation from normal) -6 -5 -6 -0.42

"T" indicates Trace amount of Precip (too small to measure).

III. A. JUNE CIMATALOGICAL DATA, SPINDLTOP

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
06-01-94	82	63	72		94	22	75	69	78	70	.18
06-02-94	67	54	60	T	75	41	71	67	74	68	.14
06-03-94	76	49	62		83	32	73	64	78	65	.16
06-04-94	81	51	66		84	29	76	65	81	66	.17
06-05-94	86	57	72		78	30	77	67	82	68	.21
06-06-94	84	70	77		93	60	77	71	83	73	.20
06-07-94	82	62	72		98	67	77	72	80	74	.15
06-08-94	76	58	67	0.24	90	64	76	69	78	68	.16
06-09-94	77	57	67	0.12	78	64	75	69	77	68	.17
06-10-94	83	62	72		82	42	78	70	79	69	.18
06-11-94	82	65	74		98	57	79	72	83	72	.19
06-12-94	87	61	74		98	54	81	71	85	70	.22
06-13-94	88	70	79		90	51	83	73	90	75	.23
06-14-94	88	69	78		96	62	82	74	88	76	.26
06-15-94	91	71	81		96	48	84	75	90	78	.26
06-16-94	91	68	80		99	63	82	76	87	78	.24
06-17-94	91	72	82	0.01	96	61	81	76	85	78	.24
06-18-94	94	67	80		97	42	84	74	89	76	.26
06-19-94	96	66	81		100	33	86	75	91	78	.26
06-20-94	94	70	82		99	48	85	77	90	79	.25
06-21-94	93	69	81	0.15	98	55	83	78	87	80	.16
06-22-94	86	68	77	T	100	56	83	73	88	75	.19
06-23-94	89	69	79		100	50	84	73	90	72	.24
06-24-94	81	70	76	0.07	100	62	83	74	89	73	.11
06-25-94	83	62	72		95	35	81	69	87	71	.15
06-26-94	73	61	67	1.41	100	69	76	70	80	72	.12
06-27-94	77	59	68	0.01	100	62	74	66	76	66	.14
06-28-94	85	62	74		97	53	80	67	81	67	.17
06-29-94	85	71	78		97	39	81	72	84	72	.22
06-30-94	82	63	72		94	44	81	70	84	70	.18

Summarized and averaged data for 06-01-94 thru 06-30-94:

AIR TEMP	TOTAL	RH	GRASS BARE				SOIL TEMP					
TOTAL			MX	MN	AV	PRECIP	MX	MN	MX	MN	MX	MN
STATION												
EVAP												
SPINDLETOP			84	64	74	2.01	94	50	80	71	84	72
5.81												
(Deviation from normal)			+1	+2	+2	-1.65						

"T" indicates Trace amount of Precip (too small to measure).

III. A. JULY CIMATALOGICAL DATA, SPINDLTOP

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
07-01-94	86	62	74		91	40	86	70	92	70	.20
07-02-94	89	68	78		79	42	88	73	94	74	.21
07-03-94	88	67	78		96	47	85	75	90	76	.21
07-04-94	90	67	78		98	48	89	74	95	75	.23
07-05-94	91	72	82		93	52	88	77	94	79	.23
07-06-94	91	74	82	T	95	50	87	78	92	80	.20
07-07-94	90	72	81		98	44	88	76	94	77	.24
07-08-94	85	74	80		82	60	85	77	90	79	.19
07-09-94	82	72	77	.08	94	64	80	77	84	79	.18
07-10-94	82	65	74		89	40	83	72	87	73	.17
07-11-94	86	59	72		97	33	88	71	92	73	.18
07-12-94	88	60	74	0.03	97	40	85	73	89	75	.24
07-13-94	85	69	77	.08	97	58	82	74	85	76	.19
07-14-94	83	72	78	.23	100	63	82	75	83	76	.15
07-15-94	79	70	74	0.01	100	79	79	74	79	75	.15
07-16-94	83	69	76		100	63	82	73	83	73	.13
07-17-94	86	64	75	0.15	100	55	84	72	85	73	.19
07-18-94	87	70	78		99	47	86	74	87	75	.17
07-19-94	91	67	79		94	39	90	74	91	75	.25
07-20-94	92	70	81	.55	98	45	91	76	92	78	.23
07-21-94	88	69	78	0.01	98	60	84	74	83	77	.25
07-22-94	82	70	76	.10	98	64	81	74	80	74	.21
07-23-94	84	67	76		100	54	81	72	80	72	.21
07-24-94	86	67	76		96	47	83	72	81	72	.19
07-25-94	85	66	76	1.00	100	56	84	74	82	75	.16
07-26-94	81	65	73	0.06	100	54	80	70	78	72	.14
07-27-94	74	62	68	.27	100	58	77	70	77	71	.12
07-28-94	79	57	68		100	50	80	68	79	69	.13
07-29-94	72	61	66	.05	100	71	74	69	75	70	.13
07-30-94	81	55	68		100	44	80	65	79	66	.18
07-31-94	84	61	72		100	48	81	69	81	69	.16

Summarized and averaged data for 07-01-94 thru 07-31-94:

AIR TEMP	TOTAL	RH			GRASS		BARE		SOIL TEMP			
TOTAL		MX	MN	AV	PRECIP	MX	MN	MX	MN	MX	MN	
STATION												
EVAP												
SPINDLETOP		85	67	76	2.62	96	52	84	73	86	74	
5.82												
(Deviation from normal)		-1	+2	+0	-2.38							

"T" indicates Trace amount of Precip (too small to measure).

III. A. AUGUST CIMATALOGICAL DATA, SPINDLTOP

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
08-01-94	84	65	74		97	54	83	72	82	72	.20
08-02-94	83	67	75		92	51	83	72	83	72	.16
08-03-94	83	68	76		92	54	81	73	82	73	.20
08-04-94	85	68	76	.33	99	57	82	74	85	74	.20
08-05-94	70	58	64	.42	100	69	77	71	78	71	.12
08-06-94	73	51	62		94	52	77	65	78	63	.16
08-07-94	79	53	66		100	47	77	66	79	65	.18
08-08-94	84	58	71		99	43	80	68	82	67	.24
08-09-94	82	68	75		88	58	81	71	84	71	.24
08-10-94	81	59	70		98	53	81	71	86	70	.22
08-11-94	84	62	73		100	47	79	72	84	72	.18
08-12-94	90	70	80		90	48	81	73	88	74	.25
08-13-94	89	71	80		91	50	82	74	90	76	.24
08-14-94	79	66	72	0.28	96	65	79	75	82	75	0.12
08-15-94	75	53	64		92	45	78	68	80	66	.17
08-16-94	81	54	68		93	53	78	67	83	66	.18
08-17-94	85	65	75		99	50	79	71	86	71	.24
08-18-94	85	63	74	2.68	100	47	78	71	84	72	.18
08-19-94	86	64	75		97	38	78	68	82	68	.22
08-20-94	82	69	76	.15	99	62	76	72	78	71	.18
08-21-94	75	63	69	1.12	100	57	75	71	77	70	.14
08-22-94	77	57	67		100	57	76	69	78	66	.16
08-23-94	81	57	69		100	47	78	69	80	66	.18
08-24-94	83	63	73		95	56	76	70	79	68	.13
08-25-94	85	69	77		93	49	78	72	83	70	.20
08-26-94	86	68	77		92	57	78	72	83	71	.22
08-27-94	86	68	77		95	53	79	73	86	72	.21
08-28-94	83	69	76		89	53	77	73	84	73	.20
08-29-94	76	55	66	0.47	100	44	76	73	83	73	0.27
08-30-94	81	54	68		100	50	75	69	78	66	0.20
08-31-94	82	67	74	.41	99	68	76	72	79	71	0.02

Summarized and averaged data for 08-01-94 thru 08-31-94:

AIR TEMP	TOTAL	RH	GRASS	BARE	SOIL TEMP							
TOTAL			MX	MN	AV	PRECIP	MX	MN	MX	MN	MX	MN
STATION												
EVAP												
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SPINDLETOP			82	63	72	5.86	96	53	79	71	82	70
5.81												

(Deviation from normal) -2 +0 -1 +1.93

III. A. APRIL CIMATALOGICAL DATA, PRINCETON

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
04-01-94	68	28	48			100	80	52	44		
04-02-94	60	34	47		.14	100	82	52	46		
04-03-94	66	41	54		.34	100	80	52	49		
04-04-94	60	27	44		T	100	70	51	45		
04-05-94	60	48	54		.36	100	98	50	48		
04-06-94	57	35	46		.47	100	100	50	48		
04-07-94	54	25	40			100	70	53	44		
04-08-94	71	35	53			100	60	52	48		
04-09-94	60	26	43			100	40	54	50		
04-10-94	72	52	62		.78	100	100	57	46		
04-11-94	77	54	66		.28	100	82	58	55		
04-12-94	77	64	70		.14	100	46	61	57		
04-13-94	76	53	64			78	64	61	55		
04-14-94	81	55	68			100	64	64	60		
04-15-94	80	45	62		.71	100	100	64	62		
04-16-94	69	44	56		.07	100	40	62	55		
04-17-94	74	43	58			100	40	60	54		
04-18-94	82	48	65			100	42	60	56		
04-19-94	84	54	69			100	40	64	58		
04-20-94	82	48	65			100	28	66	56		
04-21-94	80	49	64			70	30	66	58		
04-22-94	75	50	62		T	100	32	65	59		
04-23-94	74	40	57		T	82	28	66	60		
04-24-94	81	47	64			96	46	66	57		
04-25-94	82	62	72			100	40	68	60		
04-26-94	82	61	72		.11	100	40	68	62		
04-27-94	86	65	76		.17	100	60	70	64		
04-28-94	82	60	71		1.17	100	64	74	62		
04-29-94	81	52	66		.03	100	84	74	60		
04-30-94	78	50	64		.71	100	82	72	68		

Summarized and averaged data for 04-01-94 thru 04-30-94:

AIR TEMP	TOTAL	RH	GRASS		BARE		SOIL TEMP				
			MX	MN	AV	PRECIP	MX	MN	MX	MN	
PRINCETON			74	46	.60		5.48	98	61	61	55
(Deviation from normal)			+2	+0	+1	+0.66					

"T" indicates Trace amount of Precip (too small to measure).

III. A. MAY CIMATOLOGICAL DATA, PRINCETON

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				
	MX	MN	AV		MX	MN	GRASS BARE		EVAP		
05-01-94	72	41	56			96	88	70	59		
05-02-94	62	34	48			100	40	62	54		
05-03-94	60	40	50	.10		100	80	62	56		
05-04-94	62	50	56	.06		100	70	62	56		
05-05-94	78	44	61			100	56	62	56		
05-06-94	78	57	68			100	62	64	56		
05-07-94	76	54	65	.32		100	90	64	56		
05-08-94	65	41	53			100	52	65	54		
05-09-94	76	43	60			100	50	68	58		
05-10-94	75	55	65			100	28	68	66		
05-11-94	78	42	60			100	30	68	64		
05-12-94	72	43	58			100	32	68	62		
05-13-94	70	62	66	.01		82	58	68	64		
05-14-94	82	56	69	0.17		100	74	71	69		
05-15-94	79	67	73	.16		68	53	68	55		
05-16-94	78	52	65			96	37	68	64		
05-17-94	73	48	60			94	42	70	64		
05-18-94	74	50	62			100	44	70	64		
05-19-94	73	48	60			100	50	70	62		
05-20-94	76	42	59			100	42	70	64		
05-21-94	82	46	64			100	40	72	64		
05-22-94	83	48	66			100	36	72	64		
05-23-94	86	55	70			100	36	73	65		
05-24-94	86	58	72			100	42	76	68		
05-25-94	86	62	74			100	58	76	70		
05-26-94	84	63	74	.02		95	56	76	68		
05-27-94	78	43	60			100	52	76	66		
05-28-94	75	42	58			96	39	78	64		
05-29-94 E	84	49	66			95	36	72	65		
05-30-94	82	45	64			92	60	78	66		
05-31-94	80	59	70			100	78	78	66		

Summarized and averaged data for 05-01-94 thru 05-31-94:

AIR TEMP	TOTAL	RH	GRASS BARE		PRECIP	SOIL TEMP						
			MX	MN		AV	MX	MN	MX	MN		
STATION												
EVAP												
PRINCETON			76	50	63	0.84	97	52	70	62		
(Deviation from normal)			-4	-7	-6	-4.24						

"E" indicates data estimated by NWS.

III. A. JUNE CIMATALOGICAL DATA, PRINCETON

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	GRASS		BARE		
06-01-94	88	66	77		100	72	78	76			
06-02-94	78	56	67	.32	100	80	76	72			
06-03-94	78	60	69		100	68	78	70			
06-04-94	85	58	72		100	56	76	68			
06-05-94	88	73	80		100	62	78	71			
06-06-94	88	68	78		100	60	78	72			
06-07-94	85	68	76	0.08	100	70	79	76			
06-08-94	84	65	74	0.03	100	60	78	72			
06-09-94	84	68	76		100	78	78	74			
06-10-94	81	65	73		100	60	78	76			
06-11-94	84	62	73	T	100	84	78	72			
06-12-94	89	63	76		100	58	80	72			
06-13-94	89	70	80		100	72	80	74			
06-14-94	92	70	81		100	70	80	78			
06-15-94	94	72	83		100	62	84	72			
06-16-94	95	70	82	0.06	100	42	84	76			
06-17-94	96	72	84	.09	100	60	86	78			
06-18-94	95	68	82	T	100	70	86	78			
06-19-94	95	74	84		100	70	86	79			
06-20-94	96	72	84		100	62	88	80			
06-21-94	95	76	86		100	76	82	80			
06-22-94	95	68	82	0.63	100	80	86	80			
06-23-94	90	72	81		100	72	88	86			
06-24-94	84	67	76	0.39	100	92	86	80			
06-25-94	84	62	73	.06	100	92	82	74			
06-26-94	78	65	72	2.23	100	78	85	72			
06-27-94	84	60	72	0.02	100	70	84	74			
06-28-94	87	64	76	0.28	100	80	80	72			
06-29-94	90	69	80		100	50	80	74			
06-30-94	89	61	75		100	58	82	76			

Summarized and averaged data for 06-01-94 thru 06-30-94:

AIR TEMP	TOTAL	RH	GRASS		BARE		SOIL TEMP				
			MX	MN	AV	PRECIP	MX	MN	MX	MN	
PRINCETON			88	67	77		4.19	100	69	81	75
(Deviation from normal)			+1	+3	+2	+0.32					

"T" indicates Trace amount of Precip (too small to measure).

III. A. JULY CIMATALOGICAL DATA, PRINCETON

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	MX	MN	MX	MN	
07-01-94	91	64	78		100	48	84	76			
07-02-94	90	70	80		92	64	84	78			
07-03-94	89	70	80		100	72	84	78			
07-04-94	94	72	83		100	62	86	78			
07-05-94	94	72	83		100	68	86	80			
07-06-94	94	70	82	.52	100	80	86	82			
07-07-94	87	72	80		100	72	86	74			
07-08-94	86	72	79	0.51	100	82	86	78			
07-09-94	87	70	78	1.20	100	70	86	76			
07-10-94	84	64	74		100	66	84	77			
07-11-94	86	63	74		100	70	84	76			
07-12-94	86	67	76		100	80	86	76			
07-13-94	85	71	78		100	60	86	78			
07-14-94	86	72	79		90	62	86	78			
07-15-94	86	70	78		90	72	86	80			
07-16-94	85	68	76	0.37	100	72	84	74			
07-17-94	87	71	79		100	80	84	76			
07-18-94	90	74	82		94	70	84	76			
07-19-94	93	69	81		100	64	85	75			
07-20-94	93	71	82		100	42	86	78			
07-21-94	95	75	85	0.39	100	70	86	78			
07-22-94	88	72	80	0.06	100	60	86	76			
07-23-94	88	72	80		100	72	86	74			
07-24-94	88	65	76		100	56	86	78			
07-25-94	88	68	78	0.84	100	82	86	78			
07-26-94	86	66	76		100	70	84	76			
07-27-94	80	64	72		100	52	84	76			
07-28-94	88	56	72		100	70	84	78			
07-29-94	84	57	70		100	68	84	72			
07-30-94	84	58	71		98	48	82	73			
07-31-94	86	60	73		100	52	81	75			

Summarized and averaged data for 07-01-94 thru 07-31-94:

AIR TEMP TOTAL STATION EVAP	TOTAL	RH	GRASS BARE				SOIL TEMP			
			MX	MN	AV	PRECIP	MX	MN	MX	MN
PRINCETON			88	68	78	3.89	99	66	85	77
(Deviation from normal)			-1	+2	+0	-0.41				

III. A. AUGUST CIMATALOGICAL DATA, PRINCETON

DATE	AIR TEMP			PRECIP	RH		SOIL TEMP				EVAP
	MX	MN	AV		MX	MN	MX	MN	MX	MN	
08-01-94	86	54	70		100	60	82	75			
08-02-94	85	64	74		100	70	84	76			
08-03-94	90	68	79		100	68	82	76			
08-04-94	88	71	80		100	90	82	76			
08-05-94	83	62	72	0.61	100	70	82	74			
08-06-94	78	55	66		100	50	82	74			
08-07-94	85	54	70		100	62	82	72			
08-08-94	88	59	74		100	50	80	72			
08-09-94	88	66	77	.11	100	60	82	75			
08-10-94	89	62	76		100	72	84	76			
08-11-94	91	67	79		100	60	82	76			
08-12-94	92	69	80		100	64	81	77			
08-13-94	92	69	80		100	64	81	77			
08-14-94	91	73	82		100	86	82	78			
08-15-94	82	59	70		100	44	82	74			
08-16-94	86	61	74		100	52	80	73			
08-17-94	88	62	75		100	50	80	75			
08-18-94	90	60	75		100	44	82	75			
08-19-94	90	61	76		100	64	82	75			
08-20-94	77	67	72	0.04	100	90	82	76			
08-21-94	80	61	70	0.20	100	68	78	74			
08-22-94	92	58	75		100	68	78	72			
08-23-94	86	57	72		100	60	78	74			
08-24-94	89	62	76		100	70	80	76			
08-25-94	90	62	76		100	50	82	78			
08-26-94	90	64	77		100	40	82	74			
08-27-94	92	68	80		100	48	82	74			
08-28-94	93	65	79		100	50	84	78			
08-29-94	89	63	76	0.73	100	78	82	75			
08-30-94	90	58	74		100	70	82	76			
08-31-94	88	70	79		100	60	80	72			

Summarized and averaged data for 08-01-94 thru 08-31-94:

AIR TEMP	TOTAL	RH	GRASS		BARE		SOIL TEMP								
			MX	MN	AV	PRECIP	MX	MN	MX	MN	MX	MN			
PRINCETON			88	63	75		1.69	100	62	81	75				
(Deviation from normal)			+0	-1	-1		-2.37								

V. HERBICIDES IN REPORT

TRADE NAME	CHEMICAL/COMMON	COMPANY
AATREX	ATRAZINE	CIBA
AC 299,263	AC 299,263	AMERICAN CYANAMID
ACTIVATOR 90	NONIONIC SURFACTANT	LOVELAND
ACCENT	NICOSULFURON	DUPONT
AG 98	SURFACTANT	ROHM HASS
AGRI-DEX	CROP OIL CONCENTRATE	HELENA
ASSURE II	QUIZALAFOP	DUPONT
BANVEL	DICAMBA	SANDOZ
BASAGRAN	BENTAZON	BASF
BATTALION	MON 12000 + MON 13900	MONSANTO
BEACON	PRIMISULFURON	CIBA
BICEP II	METOLACHLOR + ATRAZINE + BENOXACOR (2.7+ 3.2 + .1)	CIBA
BICEP LITE	METOLACHLOR + ATRAZINE (3.3+ 1.7)	CIBA
BLADEX 90DF	CYANAZINE	DUPONT
BLAZER 2L	ACIFLUORFEN	BASF
BROADSTRIKE + DUAL	FLUMETSULAM + METOLACHLOR	DowElanco
BROADSTRIKE PLUS	FLUMETSULAM + CLOPYRALID	DowElanco
BROADSTRIKE PLUS POST	FLUMETSULAM + CLOPYRALID + 2,4-D	DowElanco
BROADSTRIKE + TREFLAN	FLUMETSULAM + TRIFLURALIN	DowElanco
BUCTRIL GEL	BROMOXYNIL	RHONE POULENC
BUGLE	FENOXAPROP	AgrEvo
BULLET	ALACHLOR MT + ATRAZINE (2.5+ 1.5)	MONSANTO
CANOPY	CHLORIMURON + METRIBUZIN (1:6)	DUPONT
CGA 152005	PROSULFURON	CIBA
CGA 248757	CGA 248757	CIBA
CL 12150	CL 12150	AGROLINZ
CL 14788	CL 14788	AGROLINZ
CLARITY	SAN 821H	SANDOZ
CLASSIC	CHLORIMURON	DUPONT
COBRA	LACTOFEN	VALENT
COMMAND	CLOMAZONE	FMC
CONCERT	CHLORIMURON + THIFENSULFURON (3 + 1)	DUPONT
CONCLUDE	SETHOXYDIM + BENTAZON + ACIFLUORFEN	BASF
CONTOUR	IMAZETHAPYR + ATRAZINE	AMERICAN CYANAMID

TRADE NAME

CHEMICAL/COMMON

COMPANY

CROP OIL CONCENTRATE (COC)

DASH HC

DETAIL

DEVIRINOL

DPX- KU253 (SYNCHRONY)

DUAL

DUAL II

EDGE

EXTRAZINE II

F-6285

FRONTIER

FURADAN

FUSILADE DX

FUSION

GALAXY

GRAMOXONE EXTRA

GUARDSMAN

HARNES PLUS

HERBIMAX

ICIA 5676

IGNITE

K-2000

KINETIC

LEXONE

LIQUID FERTILZIER

LOROX PLUS

MAGNUM 90

MARKSMAN

MICRO-TECH

MON 8412

MON 8413

MON 8435

MON 8496

OPTION

PARTNER

PERMIT

PINNACLE

POAST

ADJUVANT

IMAZAQUIN + DIMETHENAMID

NAPROPAMIDE

CHLORIMURON + THIFENSULFURON (1 + 1)

METOLACHLOR

METOLACHLOR + BENOXACOR

PEBULATE + FONOFOS

CYANAZINE + ATRAZINE 3:1

F-6285

DIMETHENAMID (SAN 582H)

CARBOFURAN

FLUAZIFOP-BUTYL

FLUAZIFOP + FENOXAPROP

BENTAZON + ACIFLUORFEN (3 + .67)

PARAQUAT

DIMETHENAMID + ATRAZINE (2.33 + 2.67)

MON 8407 ACETOCHLOR + MON 4660

CROP OIL CONCENTRATE

ACETOCHLOR + SAFENER

GLUFOSINATE

SOY OIL SURF

ORGANOSILICONE SUR & NIS

METRIBUZIN

28% NITROGEN

CHLORIMURON + LINURON (1:16)

SOY OIL ADJUVANT

DICAMBA + ATRAZINE (2.1 + 1.1)

ALACHLOR

ACETOCHLOR + ATRAZINE + MON 4660 (2.5 + 1)

ACETOCHLOR + MON 13900

ACETOCHLOR (UNSAFTENED)

ACETOCHLOR + ATRAZINE + MON 13900 (2.5 + 1)

FENOXAPROP

ALACHLOR

MON 12000

THIFENSULFURON

SETHOXYDIM

BASF

AMERICAN CYANAMID

ZENECA

DUPONT

CIBA

CIBA

ZENECA

DUPONT

FMC

SANDOZ

FMC

ZENECA

ZENECA

BASF

ZENECA

SANDOZ

MONSANTO

LOVELAND

ZENECA

AgrEvo

CENTRAL SOYA

HELENA

DUPONT

DUPONT

SOYACORP

SANDOZ

MONSANTO

MONSANTO

MONSANTO

MONSANTO

MONSANTO

AgrEvo

MONSANTO

MONSANTO

DUPONT

BASF

TRADE NAME

CHEMICAL/COMMON

COMPANY

PRINCEP
 PROWL
 PURSUIT
 PURSUIT PLUS
 PURSUIT + FRONTIER
 QUEST
 REFLEX
 REFLEX/ADJUVANT
 RESOURCE
 RIVERSIDE METH OIL
 ROUNDUP
 SALUTE
 SCEPTER DG
 SCEPTER + FRONTIER (DETAIL)
 SCEPTER + PURSUIT
 SELECT
 SENCOR 75DF
 SILWET L77
 SQUADRON
 STORM
 SUN-IT II
 SURPASS
 SURPASS 100
 SUTAN +
 TORNADO
 TOUCHDOWN
 TOUGH 5EC
 TOUGH 3.75 EC
 TREFLAN
 TURBO (DUAL + SENCOR)
 TYPHOON
 V-10016
 WEEDAR 64
 WEEDONE 638
 WEEDONE LV4
 X-77

SIMAZINE
 PENDIMETHALIN
 IMAZETHAPYR
 IMAZETHAPYR+PENDIMETHALIN
 IMAZETHAPYR + DIMETHENAMID
 AMMONIUM SULFATE
 FOMESAFEN
 FOMESAFEN/ADJUVANT
 FLUMICLORAC-PENTYL
 METHYLATED SEED OIL
 GLYPHOSATE
 TRIFLURALIN+METRIBUZIN (2.67 + 133)
 IMAZAQUIN
 IMAZAQUIN + DIMETHENAMID
 IMAZAQUIN + IMAZETHAPYR
 CLETHODIM
 METRIBUZIN
 SURFACTANT
 PENDIMETHALIN + IMAZAQUIN
 BENTAZON + ACIFLUORFEN (2.66 + 1.33)
 METHYLATED SEED OIL
 ACETOCHLOR
 ACETOCHLOR + ATRAZINE (3 + 2)
 BUTYLATE + R29148
 FOMESAFEN + FLUAZIFOP-P-BUTYL
 SULFOSATE
 PYRIDATE
 PYRDIAE
 TRIFLURALIN
 METALACHLOR+METRIBUZIN (6.55 + 1.45)
 FOMESAFEN + FLUAQIFOP-P-BUTYL
 CLETHODIM
 2,4-D AMINE
 2,4-D ACID
 2,4-D ESTER
 SURFACTANT (NIS)

CIBA
 AMERICAN CYANAMID
 AMERICAN CYANAMID
 AMERICAN CYANAMID
 AMERICAN CYANAMID
 SETRE
 ZENECA
 ZENECA
 VALENT
 TERRA
 MONSANTO
 MILES
 AMERICAN CYANAMID
 AMERICAN CYANAMID
 AMERICAN CYANAMID
 VALENT
 MILES

 AMERICAN CYANAMID
 BASF
 AMERICAN CYANAMID
 ZENECA
 ZENECA
 ZENECA
 ZENECA
 ZENECA
 ZENECA
 AGROLINZ
 CEDAR
 DowElanco
 MILES
 ZENNECA
 VALENT
 RHONE POULENC
 RHONE POULENC
 RHONE POULENC
 VALENT

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETPA	XANST	CHEAL	PHBPU
1	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	97	67	0	97	57	100	63
2A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	97	80	0	97	67	100	83
2B	AATREX	4.00 L	1.000 lb/ac	PRE							
3A	DUAL	8.00 E	2.000 lb/ac	PRE	90	70	0	90	63	87	63
3B	BROADSTRIKE PLUS	85.60 WP	0.170 lb/ac	PRE							
4A	DUAL	8.00 E	2.000 lb/ac	PRE	80	77	0	80	77	83	67
4B	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac	PRE							
5	EXTRAZINE II	90.00 DF	3.600 lb/ac	PRE	90	83	0	90	73	100	87
6A	EXTRAZINE II	90.00 DF	3.600 lb/ac	PRE	100	83	0	100	80	100	80
6B	ACCENT	75.00 DF	0.031 lb/ac	MP							
6C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
6D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
7A	EXTRAZINE II	90.00 DF	3.500 lb/ac	PRE	93	73	0	93	63	100	73
7B	DUAL	8.00 E	1.500 lb/ac	PRE							
8A	EXTRAZINE II	90.00 DF	3.500 lb/ac	PRE	100	80	0	100	67	100	77
8B	FRONTIER	7.50 EC	1.300 lb/ac	PRE							
9A	BLADEX	90.00 DF	2.000 lb/ac	PRE	80	70	0	80	63	93	77
9B	DUAL	8.00 E	2.500 lb/ac	PRE							
10A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	80	0	100	70	100	90
10B	AATREX	4.00 L	1.500 lb/ac	PRE							
11A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100	100
11B	AATREX	4.00 L	1.500 lb/ac	PRE							
11C	CLARITY	4.00 S	0.500 lb/ac	MP							
11D	X-77	0.50 WA	0.250 qt	MP							
11E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
12	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	93	87	0	93	77	100	87

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU
13A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	93	97	0	93	100	100	97
13B	CLARITY	4.00 S	0.500 lb/ac	MP							
13C	X-77	0.50 WA	0.250 %	MP							
13D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP							
14A	SURPASS	6.40 E	1.800 lb/ac	PRE	100	83	0	100	77	100	87
14B	AATREX	4.00 L	2.000 lb/ac	PRE							
15A	SURPASS	6.40 E	1.800 lb/ac	PRE	100	80	0	100	73	100	80
15B	EXTRAZINE II	90.00 DF	3.000 lb/ac	PRE							
16A	SURPASS 100	5.00 SC	2.660 lb/ac	PRE	97	83	0	97	77	100	93
16B	AATREX	4.00 L	0.930 lb/ac	PRE							
17A	SURPASS 100	5.00 SC	3.000 lb/ac	PRE	100	93	0	100	83	100	90
17B	AATREX	4.00 L	0.800 lb/ac	PRE							
18A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	97	80	0	97	83	100	73
18B	BATTALION	15.00 DF	0.063 lb/ac	PRE							
19A	HARNESS PLUS	7.00 E	2.500 lb/ac	PRE	100	90	0	100	90	100	73
19B	BATTALION	15.00 DF	0.063 lb/ac	PRE							
20A	PARTNER	65.00 WDG	3.000 lb/ac	PRE	97	73	0	97	70	93	70
20B	BATTALION	15.00 DF	0.063 lb/ac	PRE							
21A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	97	77	0	97	70	100	77
21B	AATREX	4.00 L	0.800 lb/ac	PRE							
22A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	100	87	0	100	83	100	80
22B	AATREX	4.00 L	0.800 lb/ac	PRE							
22C	BATTALION	15.00 DF	0.047 lb/ac	PRE							
23A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	93	87	0	97	97	83	80
23B	PERMIT	75.00 DF	0.032 lb/ac	LP							
23C	X-77	0.50 WA	0.250 %	LP							
24A	HARNESS PLUS	7.00 E	2.500 lb/ac	PRE	97	87	0	97	97	93	73
24B	PERMIT	75.00 DF	0.032 lb/ac	LP							
24C	X-77	0.50 WA	0.250 %	LP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	
25A	HARNESS PLUS	7.00 E	2.000 lb/ac PRE		97	97	0	97	97	100	87	
25B	AATREX	4.00 L	0.800 lb/ac PRE									
25C	PERMIT	75.00 DF	0.032 lb/ac LP									
25D	X-77	0.50 WA	0.250 % LP									
26A	MON 8412	6.00 F	1.750 lb/ac PRE		100	77	0	100	70	100	83	
26B	EXTRAZINE II	90.00 DF	2.000 lb/ac PRE									
27A	BULLET	4.00 L	4.000 lb/ac PRE		93	93	0	93	93	100	100	
27B	PERMIT	75.00 DF	0.032 lb/ac LLP									
27C	X-77	0.50 WA	0.250 % LLP									
28	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	
			LSD(.05) :		8	9	NS	8	14	10	12	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.40 %
 DATE TREATED : PRE MAY 10
 LP JUNE 8

FIELD # 600

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	CHEAL	PHBPU
1	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	93	53	100	57
2A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	93	63	100	73
2B	AATREX	4.00 L	1.000 lb/ac	PRE					
3A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	53	83	53
3B	BROADSTRIKE PLUS	85.60 WP	0.170 lb/ac	PRE					
4A	DUAL	8.00 E	2.000 lb/ac	PRE	0	80	67	80	57
4B	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac	PRE					
5	EXTRAZINE II	90.00 DF	3.600 lb/ac	PRE	0	73	60	100	73
6A	EXTRAZINE II	90.00 DF	3.600 lb/ac	PRE	0	93	73	100	70
6B	ACCENT	75.00 DF	0.031 lb/ac	MP					
6C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
6D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP					
7A	EXTRAZINE II	90.00 DF	3.500 lb/ac	PRE	0	90	53	100	63
7B	DUAL	8.00 E	1.500 lb/ac	PRE					
8A	EXTRAZINE II	90.00 DF	3.500 lb/ac	PRE	0	100	70	100	83
8B	FRONTIER	7.50 EC	1.300 lb/ac	PRE					
9A	BLADEX	90.00 DF	2.000 lb/ac	PRE	0	90	60	87	70
9B	DUAL	8.00 E	2.500 lb/ac	PRE					
10A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	63	100	80
10B	AATREX	4.00 L	1.500 lb/ac	PRE					
11A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	100	97	100	90
11B	AATREX	4.00 L	1.500 lb/ac	PRE					
11C	CLARITY	4.00 S	0.500 lb/ac	MP					
11D	X-77	0.50 WA	0.250 qt/ac	MP					
11E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP					
12	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	0	93	67	100	77

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	CHEAL	PHBPU
13A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	0	93	97	100	93
13B	CLARITY	4.00 S	0.500 lb/ac	MP					
13C	X-77	0.50 WA	0.250 ‡	MP					
13D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP					
14A	SURPASS	6.40 E	1.800 lb/ac	PRE	0	100	73	100	80
14B	AATREX	4.00 L	2.000 lb/ac	PRE					
15A	SURPASS	6.40 E	1.800 lb/ac	PRE	0	100	67	100	73
15B	EXTRAZINE II	90.00 DF	3.000 lb/ac	PRE					
16A	SURPASS 100	5.00 SC	2.660 lb/ac	PRE	0	97	70	90	77
16B	AATREX	4.00 L	0.930 lb/ac	PRE					
17A	SURPASS 100	5.00 SC	3.000 lb/ac	PRE	0	100	70	100	80
17B	AATREX	4.00 L	0.800 lb/ac	PRE					
18A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	0	93	77	97	70
18B	BATTALION	15.00 DF	0.063 lb/ac	PRE					
19A	HARNESS PLUS	7.00 E	2.500 lb/ac	PRE	0	100	73	100	53
19B	BATTALION	15.00 DF	0.063 lb/ac	PRE					
20A	PARTNER	65.00 WDG	3.000 lb/ac	PRE	0	97	60	83	57
20B	BATTALION	15.00 DF	0.063 lb/ac	PRE					
21A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	0	100	60	100	70
21B	AATREX	4.00 L	0.800 lb/ac	PRE					
22A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	0	97	67	100	63
22B	AATREX	4.00 L	0.800 lb/ac	PRE					
22C	BATTALION	15.00 DF	0.047 lb/ac	PRE					
23A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	0	97	97	80	60
23B	PERMIT	75.00 DF	0.032 lb/ac	LP					
23C	X-77	0.50 WA	0.250 ‡	LP					
24A	HARNESS PLUS	7.00 E	2.500 lb/ac	PRE	0	97	90	83	63
24B	PERMIT	75.00 DF	0.032 lb/ac	LP					
24C	X-77	0.50 WA	0.250 ‡	LP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4001 CORN PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	CHEAL	PHBPU
25A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	0	100	87	100	67
25B	AATREX	4.00 L	0.800 lb/ac	PRE					
25C	PERMIT	75.00 DF	0.032 lb/ac	LP					
25D	X-77	0.50 WA	0.250 %	LP					
26A	MON 8412	6.00 F	1.750 lb/ac	PRE	0	100	67	100	77
26B	EXTRAZINE II	90.00 DF	2.000 lb/ac	PRE					
27A	BULLET	4.00 L	4.000 lb/ac	PRE	0	93	83	100	80
27B	PERMIT	75.00 DF	0.032 lb/ac	LLP					
27C	X-77	0.50 WA	0.250 %	LLP					
28	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100
				LSD(.05) :	NS	9	13	13	13

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.40 %
 DATE TREATED : PRE MAY 10
 LP JUNE 8

FIELD # 600

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4010 CORN PREEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					8 WEEKS AFTER APPLICATI				
					GGGGG	BBBBB	CRIN	SETFA	XANST	IPOHE	CRIN	SETFA	XANST	IPOHE
1	EXTRAZINE II	90.00 DF	4.000 lb/ac PRE		90	83	0	90	83	77	0	73	77	77
2	BICEP II	5.90 L	3.600 lb/ac PRE		93	73	0	93	70	80	0	93	70	83
3	BULLET	4.00 L	4.000 lb/ac PRE		100	77	0	100	73	83	0	100	67	80
4	GUARDSMAN	5.00 SE	2.800 lb/ac PRE		97	77	0	97	73	77	0	97	63	77
5A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PRE		100	77	0	100	80	73	0	97	77	77
5B	AATREX	4.00 L	1.000 lb/ac PRE											
6A	SURPASS 100	5.00 SC	1.950 lb/ac PRE		97	83	0	97	83	90	0	97	87	87
6B	AATREX	4.00 L	1.300 lb/ac PRE											
7	MON 8412	6.00 F	3.500 lb/ac PRE		100	80	0	100	80	77	0	100	73	70
8A	MON 8412	6.00 F	3.500 lb/ac PRE		100	80	0	100	83	80	0	100	70	77
8B	EXTRAZINE II	90.00 DF	1.000 lb/ac PRE											
9A	MON 8412	6.00 F	3.500 lb/ac PRE		100	87	0	100	87	83	0	100	83	80
9B	EXTRAZINE II	90.00 DF	2.000 lb/ac PRE											
10A	MON 8412	6.00 F	1.750 lb/ac PRE		100	80	0	100	83	77	0	100	77	73
10B	EXTRAZINE II	90.00 DF	1.500 lb/ac PRE											
11A	MON 8412	6.00 F	1.750 lb/ac PRE		100	87	0	100	90	80	0	100	83	80
11B	EXTRAZINE II	90.00 DF	2.000 lb/ac PRE											
12A	MON 8412	6.00 F	2.625 lb/ac PRE		100	80	0	93	80	73	0	97	63	73
12B	EXTRAZINE II	90.00 DF	1.000 lb/ac PRE											
13A	MON 8412	6.00 F	2.625 lb/ac PRE		100	73	0	100	73	70	0	100	67	67
13B	EXTRAZINE II	90.00 DF	1.500 lb/ac PRE											
14A	MON 8412	6.00 F	2.625 lb/ac PRE		100	87	0	100	90	87	0	100	87	87
14B	EXTRAZINE II	90.00 DF	2.000 lb/ac PRE											
15A	MON 8412	6.00 F	2.100 lb/ac PRE		100	80	0	100	80	77	0	100	73	80
15B	AATREX	4.00 L	1.000 lb/ac PRE											

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4010 CORN PREEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					8 WEEKS AFTER APPLICATI				
					GGGGG	BBBBB	CRIN	SETFA	XANST	IPOHE	CRIN	SETFA	XANST	IPOHE
16A	MON 8412	6.00 F	2.500 lb/ac PRE		100	83	0	100	90	77	0	100	80	70
16B	BATTALION	15.00 DF	0.047 lb/ac PRE											
17A	MON 8413	4.00 F	2.500 lb/ac PRE		100	73	0	100	67	73	0	100	63	70
17B	AATREX	4.00 L	1.000 lb/ac PRE											
18A	MON 8413	4.00 F	1.250 lb/ac PRE		100	77	0	100	83	73	0	100	80	73
18B	AATREX	4.00 L	0.500 lb/ac PRE											
18C	EXTRAZINE II	90.00 DF	2.000 lb/ac PRE											
19A	MON 8412	6.00 F	2.625 lb/ac PRE		100	73	0	100	70	80	0	100	63	73
19B	PRINCEP	4.00 L	1.000 lb/ac PRE											
20A	MON 8412	6.00 F	2.625 lb/ac PRE		100	87	0	100	87	80	0	100	80	77
20B	BLADEX	90.00 DF	1.500 lb/ac PRE											
LSD(.05) :					5	9	NS	7	12	21	NS	20	13	13

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4009 CORN EARLY PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	XANST	ABUTH	CHEAL	CRIN	SETFA	XANST	ABUTH	CHEAL
1A	DUAL	8.00 E	2.000 lb/ac	PRE	97	100	0	97	100	100	100	0	93	100	100	100
1B	AATREX	4.00 L	1.500 lb/ac	PRE												
1C	CLARITY	4.00 S	0.500 lb/ac	MP												
1D	X-77	0.50 WA	0.250 %	MP												
1E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
2A	DUAL	8.00 E	4.000 lb/ac	PRE	100	100	0	100	100	100	100	0	97	100	100	100
2B	AATREX	4.00 L	1.500 lb/ac	PRE												
2C	CLARITY	4.00 S	0.500 lb/ac	MP												
2D	X-77	0.50 WA	0.250 %	MP												
2E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
3A	DUAL II	7.80 E	2.000 lb/ac	PRE	100	100	0	100	100	100	100	0	90	100	93	100
3B	AATREX	4.00 L	1.500 lb/ac	PRE												
3C	CLARITY	4.00 S	0.500 lb/ac	MP												
3D	X-77	0.50 WA	0.250 %	MP												
3E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
4A	DUAL II	7.80 E	4.000 lb/ac	PRE	100	100	0	100	100	100	100	0	100	100	100	100
4B	AATREX	4.00 L	1.500 lb/ac	PRE												
4C	CLARITY	4.00 S	0.500 lb/ac	MP												
4D	X-77	0.50 WA	0.250 %	MP												
4E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
5A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	90	97	0	93	100	100	100	0	87	100	97	100
5B	AATREX	4.00 L	1.500 lb/ac	PRE												
5C	CLARITY	4.00 S	0.500 lb/ac	MP												
5D	X-77	0.50 WA	0.250 %	MP												
5E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
6A	MICRO-TECH	4.00 MT	5.000 lb/ac	PRE	97	100	0	97	100	100	100	0	90	97	100	100
6B	AATREX	4.00 L	1.500 lb/ac	PRE												
6C	CLARITY	4.00 S	0.500 lb/ac	MP												
6D	X-77	0.50 WA	0.250 %	MP												
6E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
7A	SURPASS	6.40 E	1.800 lb/ac	PRE	97	100	0	97	100	100	100	0	87	100	100	100
7B	AATREX	4.00 L	1.500 lb/ac	PRE												
7C	CLARITY	4.00 S	0.500 lb/ac	MP												
7D	X-77	0.50 WA	0.250 %	MP												
7E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												

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TABLE C4009 CORN EARLY PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	XANST	ABUTH	CHEAL	CRIN	SETFA	XANST	ABUTH	CHEAL
8A	SURPASS	6.40 E	3.600 lb/ac	PRE	100	100	0	100	100	100	100	0	97	90	100	100
8B	AATREX	4.00 L	1.500 lb/ac	PRE												
8C	CLARITY	4.00 S	0.500 lb/ac	MP												
8D	X-77	0.50 WA	0.250 %	MP												
8E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
9A	HARNES PLUS	7.00 E	2.000 lb/ac	PRE	97	100	0	97	100	100	100	0	83	100	93	100
9B	AATREX	4.00 L	1.500 lb/ac	PRE												
9C	CLARITY	4.00 S	0.500 lb/ac	MP												
9D	X-77	0.50 WA	0.250 %	MP												
9E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
10A	HARNES PLUS	7.00 E	4.000 lb/ac	PRE	100	100	0	100	100	100	100	0	100	100	100	100
10B	AATREX	4.00 L	1.500 lb/ac	PRE												
10C	CLARITY	4.00 S	0.500 lb/ac	MP												
10D	X-77	0.50 WA	0.250 %	MP												
10E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
11A	FRONTIER	7.50 L	1.400 lb/ac	PRE	100	100	0	100	100	100	100	0	87	100	97	100
11B	AATREX	4.00 L	1.500 lb/ac	PRE												
11C	CLARITY	4.00 S	0.500 lb/ac	MP												
11D	X-77	0.50 WA	0.250 %	MP												
11E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
12A	FRONTIER	7.50 L	2.800 lb/ac	PRE	100	100	0	100	100	100	100	0	97	97	97	100
12B	AATREX	4.00 L	1.500 lb/ac	PRE												
12C	CLARITY	4.00 S	0.500 lb/ac	MP												
12D	X-77	0.50 WA	0.250 %	MP												
12E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP												
13	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
LSD(.05) :					5	3	NS	6	NS	NS	NS	NS	9	9	6	NS

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 250 N,
 DATE PLANTED : APRIL 25
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.5 O.M. : 3.30 %
 DATE TREATED : PRE APRIL 25
 MP MAY 31

FIELD # 900

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	AMBTR	XANST	ABUTH
1	BICEP II	5.90 L	3.600 lb/ac PPI		73	90	0	73	97	80	97	97	90
2	BULLET	4.00 L	4.000 lb/ac PPI		70	80	0	70	100	73	90	83	83
3	GUARDSMAN	5.00 SE	2.800 lb/ac PPI		90	90	0	93	100	87	87	87	87
4A	SURPASS	6.40 E	1.800 lb/ac PPI		97	90	0	97	100	77	97	100	87
4B	AATREX	4.00 L	1.500 lb/ac PPI										
5A	SUTAN +	6.70 E	4.000 lb/ac PPI		77	90	0	77	100	77	97	83	93
5B	AATREX	4.00 L	1.500 lb/ac PPI										
6	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		77	70	0	77	90	57	83	77	90
7A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		93	93	0	93	100	77	100	93	100
7B	AATREX	4.00 L	1.000 lb/ac PPI										
8A	DUAL	8.00 E	2.000 lb/ac PPI		70	63	0	70	73	43	73	77	77
8B	BROADSTRIKE PLUS	85.60 WP	0.170 lb/ac PPI										
9A	DUAL	8.00 E	2.000 lb/ac PPI		77	57	0	73	93	60	60	87	73
9B	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac PPI										
10A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		73	83	0	73	100	53	93	93	93
10B	BATTALION	15.00 DF	0.063 lb/ac PPI										
11A	HARNESS PLUS	7.00 E	2.500 lb/ac PPI		97	93	0	97	100	60	93	90	100
11B	BATTALION	15.00 DF	0.063 lb/ac PPI										
12A	PARTNER	65.00 WDG	3.000 lb/ac PPI		60	77	0	60	87	57	90	100	97
12B	BATTALION	15.00 DF	0.063 lb/ac PPI										
13A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		97	87	0	97	100	63	90	87	90
13B	AATREX	4.00 L	0.800 lb/ac PPI										
14A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		90	90	0	90	100	60	90	90	100
14B	AATREX	4.00 L	0.800 lb/ac PPI										
14C	BATTALION	15.00 DF	0.047 lb/ac PPI										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	PHBPU	AMBTR	XANST	ABUTH	
15A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		87	80	0	90	63	67	100	100	100	
15B	PERMIT	75.00 DF	0.032 lb/ac LP											
15C	X-77	0.50 WA	0.250 % LP											
16A	HARNESS PLUS	7.00 E	2.500 lb/ac PPI		93	80	0	93	63	60	100	100	100	
16B	PERMIT	75.00 DF	0.032 lb/ac LP											
16C	X-77	0.50 WA	0.250 % LP											
17A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		93	90	0	93	93	80	97	100	100	
17B	AATREX	4.00 L	0.800 lb/ac PPI											
17C	PERMIT	75.00 DF	0.032 lb/ac LP											
17D	X-77	0.50 WA	0.250 % LP											
18A	MON 8412	6.00 F	1.750 lb/ac PPI		77	83	0	77	97	60	90	90	90	
18B	EXTRAZINE II	90.00 DF	2.000 lb/ac PPI											
19A	BULLET	4.00 L	4.000 lb/ac PPI		63	93	0	67	93	80	100	100	100	
19B	PERMIT	75.00 DF	0.032 lb/ac LP											
19C	X-77	0.50 WA	0.250 % LP											
20	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100	100	
				LSD(.05) :	17	12	NS	18	16	16	14	18	16	

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LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PPI MAY 10
 LP JUNE 8

FIELD # 600

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	PHBPU	AMBTR	XANST	ABUTH
1	BICEP II	5.90 L	3.600 lb/ac PPI		0	67	97	63	97	93	90
2	BULLET	4.00 L	4.000 lb/ac PPI		0	63	100	70	90	83	87
3	GUARDSMAN	5.00 SE	2.800 lb/ac PPI		0	83	100	53	87	90	87
4A	SURPASS	6.40 E	1.800 lb/ac PPI		0	83	100	60	97	93	87
4B	AATREX	4.00 L	1.500 lb/ac PPI								
5A	SUTAN +	6.70 E	4.000 lb/ac PPI		0	70	100	60	97	87	93
5B	AATREX	4.00 L	1.500 lb/ac PPI								
6	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		0	77	83	53	77	80	93
7A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		0	80	100	63	97	93	100
7B	AATREX	4.00 L	1.000 lb/ac PPI								
8A	DUAL	8.00 E	2.000 lb/ac PPI		0	67	70	33	70	77	80
8B	BROADSTRIKE PLUS	85.60 WP	0.170 lb/ac PPI								
9A	DUAL	8.00 E	2.000 lb/ac PPI		0	73	87	50	50	90	80
9B	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac PPI								
10A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		0	73	97	47	90	90	93
10B	BATTALION	15.00 DF	0.063 lb/ac PPI								
11A	HARNESS PLUS	7.00 E	2.500 lb/ac PPI		0	93	100	50	97	87	97
11B	BATTALION	15.00 DF	0.063 lb/ac PPI								
12A	PARTNER	65.00 WDG	3.000 lb/ac PPI		0	60	83	50	90	93	97
12B	BATTALION	15.00 DF	0.063 lb/ac PPI								
13A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		0	90	97	57	90	83	90
13B	AATREX	4.00 L	0.800 lb/ac PPI								
14A	HARNESS PLUS	7.00 E	2.000 lb/ac PPI		0	87	100	53	87	93	93
14B	AATREX	4.00 L	0.800 lb/ac PPI								
14C	BATTALION	15.00 DF	0.047 lb/ac PPI								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4002 CORN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	PHBPU	AMBTR	XANST	ABUTH
15A	HARNES PLUS	7.00 E	2.000 lb/ac PPI		0	87	60	50	97	100	100
15B	PERMIT	75.00 DF	0.032 lb/ac LP								
15C	X-77	0.50 WA	0.250 % LP								
16A	HARNES PLUS	7.00 E	2.500 lb/ac PPI		0	93	60	50	93	100	100
16B	PERMIT	75.00 DF	0.032 lb/ac LP								
16C	X-77	0.50 WA	0.250 % LP								
17A	HARNES PLUS	7.00 E	2.000 lb/ac PPI		0	83	97	60	90	97	87
17B	AATREX	4.00 L	0.800 lb/ac PPI								
17C	PERMIT	75.00 DF	0.032 lb/ac LP								
17D	X-77	0.50 WA	0.250 % LP								
18A	MON 8412	6.00 F	1.750 lb/ac PPI		0	77	97	53	90	87	83
18B	EXTRAZINE II	90.00 DF	2.000 lb/ac PPI								
19A	BULLET	4.00 L	4.000 lb/ac PPI		0	60	90	63	97	100	100
19B	PERMIT	75.00 DF	0.032 lb/ac LP								
19C	X-77	0.50 WA	0.250 % LP								
20	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100	100
			LSD (.05) :		NS	16	13	12	15	15	16

LOCATION : SPINDLETOP
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PPI MAY 10
 LP JUNE 8

FIELD # 600

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4015 CORN PREPLANT INCORPORATED IR

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPL.--				--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL	CRIN	SETFA	XANST	CHEAL
1A	SCEPTER	70.00 DG	0.094 lb/ac	PPI	0	73	93	97	0	63	90	93
1B	COUNTER	15.00 G	1.030 lb/ac	INF								
2A	SCEPTER	70.00 DG	0.125 lb/ac	PPI	0	77	100	100	0	73	100	100
2B	COUNTER	15.00 G	1.030 lb/ac	INF								
3A	FRONTIER	7.50 EC	0.900 lb/ac	PPI	0	100	27	43	0	97	23	23
3B	COUNTER	15.00 G	1.030 lb/ac	INF								
4A	FRONTIER	7.50 EC	1.300 lb/ac	PPI	0	100	37	67	0	97	30	63
4B	COUNTER	15.00 G	1.030 lb/ac	INF								
5A	AATREX	4.00 L	1.000 lb/ac	PPI	0	13	77	87	0	13	70	77
5B	COUNTER	15.00 G	1.030 lb/ac	INF								
6A	BLADEX	90.00 DF	1.500 lb/ac	PPI	0	10	37	37	0	10	33	37
6B	COUNTER	15.00 G	1.030 lb/ac	INF								
7A	SCEPTER + FRONTIER	4.10 EC	1.025 lb/ac	PPI	10	87	93	100	0	80	83	90
7B	COUNTER	15.00 G	1.030 lb/ac	INF								
8A	SCEPTER + FRONTIER	4.10 EC	1.025 lb/ac	PPI	0	93	97	97	0	80	90	90
8B	AATREX	4.00 L	1.000 lb/ac	PPI								
8C	COUNTER	15.00 G	1.030 lb/ac	INF								
9A	SCEPTER + FRONTIER	4.10 EC	1.025 lb/ac	PPI	0	93	97	97	0	80	90	90
9B	BLADEX	90.00 DF	1.500 lb/ac	PPI								
9C	COUNTER	15.00 G	1.030 lb/ac	INF								
10A	SCEPTER + PURSUIT	70.00 DF	0.110 lb/ac	PPI	0	77	87	97	0	63	83	90
10B	COUNTER	15.00 G	1.030 lb/ac	INF								
11A	SCEPTER + PURSUIT	70.00 DF	0.126 lb/ac	PPI	0	90	97	100	0	83	90	93
11B	COUNTER	15.00 G	1.030 lb/ac	INF								
12A	SCEPTER + PURSUIT	70.00 DF	0.126 lb/ac	PPI	0	90	90	97	0	87	87	93
12B	FRONTIER	7.50 EC	0.750 lb/ac	PPI								
12C	COUNTER	15.00 G	1.030 lb/ac	INF								
13A	PURSUIT + FRONTIER	6.50 EC	0.813 lb/ac	PPI	0	90	87	90	0	90	80	87
13B	COUNTER	15.00 G	1.030 lb/ac	INF								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4015 CORN PREPLANT INCORPORATED IR

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPL.--				--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL	CRIN	SETFA	XANST	CHEAL
14A	CONTOUR	3.38 SC	0.563 lb/ac	PPI	0	93	87	93	0	90	80	87
14B	AATREX	4.00 L	0.500 lb/ac	PPI								
14C	FRONTIER	7.50 EC	0.750 lb/ac	PPI								
14D	COUNTER	15.00 G	1.030 lb/ac	INF								
15A	BICEP	6.00 L	3.600 lb/ac	PPI	0	93	73	90	0	93	57	83
15B	COUNTER	15.00 G	1.030 lb/ac	INF								
16A	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	0	100	100	100
16B	COUNTER	15.00 G	1.030 lb/ac	INF								
LSD(.05) :					4	8	3	31	NS	14	26	32

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 25
 VARIETY : PIONEER 3245 IR

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 5.4 O.M. : 3.20 %
 DATE TREATED : PPI MAY 25

FIELD # 900

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	CHEAL	PHBPU
1A	DUAL II	7.80 E	1.500 lb/ac	PRE	97	63	0	93	60	80	80
1B	CGA 248757	5.00 WP	0.005 lb/ac	MP							
1C	AGRI-DEX	0.00 AD	1.000 qt/ac	MP							
2A	DUAL II	7.80 E	1.500 lb/ac	PRE	90	97	0	90	100	100	90
2B	CGA 248757	5.00 WP	0.003 lb/ac	MP							
2C	BANVEL	4.00 S	0.250 lb/ac	MP							
2D	X-77	0.50 WA	0.250 †	MP							
3A	DUAL II	7.80 E	1.500 lb/ac	PRE	90	93	0	90	97	100	87
3B	CGA 248757	5.00 WP	0.004 lb/ac	MP							
3C	BANVEL	4.00 S	0.250 lb/ac	MP							
3D	X-77	0.50 WA	0.250 †	MP							
4A	DUAL II	7.80 E	1.500 lb/ac	PRE	93	93	0	93	97	100	83
4B	CGA 248757	5.00 WP	0.005 lb/ac	MP							
4C	BANVEL	4.00 S	0.250 lb/ac	MP							
4D	X-77	0.50 WA	0.250 †	MP							
5A	DUAL II	7.80 E	1.200 lb/ac	PRE	93	93	0	93	97	100	83
5B	BANVEL	4.00 S	0.250 lb/ac	MP							
5C	X-77	0.50 WA	0.250 †	MP							
6A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	80	0	100	100	63	80
6B	BEACON	75.00 WDG	0.018 lb/ac	MP							
6C	CGA 248757	5.00 WP	0.003 lb/ac	MP							
6D	X-77	0.50 WA	0.250 †	MP							
7A	DUAL II	7.80 E	1.500 lb/ac	PRE	90	87	0	90	97	87	90
7B	EXCEED	57.00 DF	0.018 lb/ac	MP							
7C	CGA 248757	5.00 WP	0.003 lb/ac	MP							
7D	X-77	0.50 WA	0.250 †	MP							
8A	DUAL II	7.80 E	1.500 lb/ac	PRE	93	80	0	93	87	80	90
8B	RESOURCE	0.86 EC	0.027 lb/ac	MP							
8C	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
9A	DUAL II	7.80 E	1.500 lb/ac	PRE	93	97	0	93	97	100	80
9B	BEACON	75.00 WDG	0.018 lb/ac	MP							
9C	BANVEL	4.00 S	0.250 lb/ac	MP							
9D	X-77	0.50 WA	0.250 †	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	AMETR	CHEAL	PHBPU
10A	DUAL II	7.80 E	1.500 lb/ac	PRE	90	90	0	90	93	100	87
10B	BEACON	75.00 WDG	0.018 lb/ac	MP							
10C	WEEDAR 64	4.00 E	0.250 lb/ac	MP							
10D	X-77	0.50 WA	0.250 %	MP							
11A	DUAL II	7.80 E	1.500 lb/ac	PRE	67	57	0	67	63	47	63
11B	BEACON	75.00 WDG	0.018 lb/ac	MP							
11C	EXCEED	57.00 DF	0.018 lb/ac	MP							
11D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
12A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	77	0	100	100	67	83
12B	BEACON	75.00 WDG	0.018 lb/ac	MP							
12C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
13A	DUAL II	7.80 E	1.500 lb/ac	PRE	93	77	0	93	97	63	90
13B	EXCEED	57.00 DF	0.027 lb/ac	MP							
13C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
14A	DUAL II	7.80 E	1.500 lb/ac	PRE	87	93	0	87	100	100	90
14B	EXCEED	57.00 DF	0.018 lb/ac	MP							
14C	BANVEL	4.00 S	0.250 lb/ac	MP							
14D	X-77	0.50 WA	0.250 %	MP							
15A	DUAL II	7.80 E	1.500 lb/ac	PRE	97	93	0	97	97	100	93
15B	EXCEED	57.00 DF	0.018 lb/ac	MP							
15C	WEEDAR 64	4.00 E	0.250 lb/ac	MP							
15D	X-77	0.50 WA	0.250 %	MP							
16A	DUAL II	7.80 E	1.500 lb/ac	PRE	90	80	0	93	93	70	90
16B	EXCEED	57.00 DF	0.036 lb/ac	MP							
16C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
17A	BICEP LITE	5.00 L	3.000 lb/ac	PRE	97	100	0	100	100	100	93
17B	EXCEED	57.00 DF	0.027 lb/ac	MP							
17C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
18A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	87	97	0	87	100	100	87
18B	EXCEED	57.00 DF	0.027 lb/ac	MP							
18C	CROP OIL	0.00 AD	1.000 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETPA	AMBTR	CHEAL	PHBPU
19A	DUAL II	7.80 E	1.500 lb/ac	PRE	97	77	0	97	97	63	90
19B	EXCEED	57.00 DF	0.018 lb/ac	MP							
19C	BEACON	75.00 WDG	0.018 lb/ac	MP							
19D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
20A	DUAL II	7.80 E	1.500 lb/ac	PRE	87	97	0	87	97	100	90
20B	EXCEED	57.00 DF	0.018 lb/ac	MP							
20C	BANVEL	4.00 S	0.125 lb/ac	MP							
20D	X-77	0.50 WA	0.250 %	MP							
21A	DUAL II	7.80 E	1.500 lb/ac	PRE	97	100	0	97	100	100	97
21B	MARKSMAN	3.20 L	1.400 lb/ac	MP							
22A	DUAL II	7.80 E	2.000 lb/ac	PRE	100	83	0	100	97	73	93
22B	BEACON	75.00 WDG	0.018 lb/ac	MP							
22C	ACCENT	75.00 DF	0.018 lb/ac	MP							
22D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
23A	BICEP LITE	5.00 L	3.000 lb/ac	PRE	100	100	0	100	100	100	97
23B	BEACON	75.00 WDG	0.018 lb/ac	MP							
23C	ACCENT	75.00 DF	0.018 lb/ac	MP							
23D	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
24A	BEACON	75.00 WDG	0.018 lb/ac	MP	100	77	0	100	97	67	90
24B	ACCENT	75.00 DF	0.018 lb/ac	MP							
24C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
25A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	97	90	0	97	97	90	90
25B	RESOURCE	0.86 EC	0.027 lb/ac	MP							
25C	BANVEL	4.00 S	0.250 lb/ac	MP							
26A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	93	0	100	93	100	90
26B	RESOURCE	0.86 EC	0.027 lb/ac	MP							
26C	WEEDONE LV4	3.80 E	0.250 lb/ac	MP							
27A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	87	0	100	80	90	87
27B	RESOURCE	0.86 EC	0.027 lb/ac	MP							
27C	ACCENT	75.00 DF	0.031 lb/ac	MP							
27D	SUN-IT II	0.00 AD	0.500 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	CHEAL	PHBPU	
28A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	87	0	97	97	77	83	
28B	RESOURCE	0.86 EC	0.027 lb/ac	MP								
28C	BEACON	75.00 WDG	0.037 lb/ac	MP								
28D	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
LSD(.05) :					17	18	NS	17	12	17	18	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 10
 MP MAY 31

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPL.-----				
					CRIN	SETFA	AMBTR	CHEAL	PHBPU
1A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	90	40	60	67
1B	CGA 248757	5.00 WP	0.005 lb/ac	MP					
1C	AGRI-DEX	0.00 AD	1.000 qt/ac	MP					
2A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	67	90	97	73
2B	CGA 248757	5.00 WP	0.003 lb/ac	MP					
2C	BANVEL	4.00 S	0.250 lb/ac	MP					
2D	X-77	0.50 WA	0.250 %	MP					
3A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	67	83	97	73
3B	CGA 248757	5.00 WP	0.004 lb/ac	MP					
3C	BANVEL	4.00 S	0.250 lb/ac	MP					
3D	X-77	0.50 WA	0.250 %	MP					
4A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	63	87	100	67
4B	CGA 248757	5.00 WP	0.005 lb/ac	MP					
4C	BANVEL	4.00 S	0.250 lb/ac	MP					
4D	X-77	0.50 WA	0.250 %	MP					
5A	DUAL II	7.80 E	1.200 lb/ac	PRE	0	70	93	93	70
5B	BANVEL	4.00 S	0.250 lb/ac	MP					
5C	X-77	0.50 WA	0.250 %	MP					
6A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	90	90	47	63
6B	BEACON	75.00 WDG	0.018 lb/ac	MP					
6C	CGA 248757	5.00 WP	0.003 lb/ac	MP					
6D	X-77	0.50 WA	0.250 %	MP					
7A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	77	77	53	73
7B	EXCEED	57.00 DF	0.018 lb/ac	MP					
7C	CGA 248757	5.00 WP	0.003 lb/ac	MP					
7D	X-77	0.50 WA	0.250 %	MP					
8A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	83	57	50	70
8B	RESOURCE	0.86 EC	0.027 lb/ac	MP					
8C	SUN-IT II	0.00 AD	0.500 qt/ac	MP					
9A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	67	87	93	67
9B	BEACON	75.00 WDG	0.018 lb/ac	MP					
9C	BANVEL	4.00 S	0.250 lb/ac	MP					
9D	X-77	0.50 WA	0.250 %	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----9 WEEKS AFTER APPL.-----				
					CRIN	SETFA	AMBTR	CHEAL	PHBPU
10A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	70	80	87	70
10B	BEACON	75.00 WDG	0.018 lb/ac	MP					
10C	WEEDAR 64	4.00 E	0.250 lb/ac	MP					
10D	X-77	0.50 WA	0.250 %	MP					
11A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	87	90	47	80
11B	BEACON	75.00 WDG	0.018 lb/ac	MP					
11C	EXCEED	57.00 DF	0.018 lb/ac	MP					
11D	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
12A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	93	97	40	77
12B	BEACON	75.00 WDG	0.018 lb/ac	MP					
12C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
13A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	87	83	43	77
13B	EXCEED	57.00 DF	0.027 lb/ac	MP					
13C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
14A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	60	93	100	77
14B	EXCEED	57.00 DF	0.018 lb/ac	MP					
14C	BANVEL	4.00 S	0.250 lb/ac	MP					
14D	X-77	0.50 WA	0.250 %	MP					
15A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	77	90	90	70
15B	EXCEED	57.00 DF	0.018 lb/ac	MP					
15C	WEEDAR 64	4.00 E	0.250 lb/ac	MP					
15D	X-77	0.50 WA	0.250 %	MP					
16A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	87	87	50	80
16B	EXCEED	57.00 DF	0.036 lb/ac	MP					
16C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
17A	BICEP LITE	5.00 L	3.000 lb/ac	PRE	0	87	93	100	73
17B	EXCEED	57.00 DF	0.027 lb/ac	MP					
17C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
18A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	63	100	100	63
18B	EXCEED	57.00 DF	0.027 lb/ac	MP					
18C	CROP OIL	0.00 AD	1.000 qt/ac	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPL.-----				
					CRIN	SETFA	AMBTR	CHEAL	PHBPU
19A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	93	93	43	80
19B	EXCEED	57.00 DF	0.018 lb/ac	MP					
19C	BEACON	75.00 WDG	0.018 lb/ac	MP					
19D	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
20A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	63	83	87	70
20B	EXCEED	57.00 DF	0.018 lb/ac	MP					
20C	BANVEL	4.00 S	0.125 lb/ac	MP					
20D	X-77	0.50 WA	0.250 ‡	MP					
21A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	77	100	100	83
21B	MARKSMAN	3.20 L	1.400 lb/ac	MP					
22A	DUAL II	7.80 E	2.000 lb/ac	PRE	0	93	87	50	80
22B	BEACON	75.00 WDG	0.018 lb/ac	MP					
22C	ACCENT	75.00 DF	0.018 lb/ac	MP					
22D	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
23A	BICEP LITE	5.00 L	3.000 lb/ac	PRE	0	87	97	100	67
23B	BEACON	75.00 WDG	0.018 lb/ac	MP					
23C	ACCENT	75.00 DF	0.018 lb/ac	MP					
23D	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
24A	BEACON	75.00 WDG	0.018 lb/ac	MP	0	90	97	47	80
24B	ACCENT	75.00 DF	0.018 lb/ac	MP					
24C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
25A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	90	80	77	67
25B	RESOURCE	0.86 EC	0.027 lb/ac	MP					
25C	BANVEL	4.00 S	0.250 lb/ac	MP					
26A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	93	80	100	80
26B	RESOURCE	0.86 EC	0.027 lb/ac	MP					
26C	WEEDONE LV4	3.80 E	0.250 lb/ac	MP					
27A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	100	57	73	73
27B	RESOURCE	0.86 EC	0.027 lb/ac	MP					
27C	ACCENT	75.00 DF	0.031 lb/ac	MP					
27D	SUN-IT II	0.00 AD	0.500 qt/ac	MP					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4003 CORN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPL.-----				
					CRIN	SETFA	AMBTR	CHEAL	PHBPU
28A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	87	57	63
28B	RESOURCE	0.86 EC	0.027 lb/ac	MP					
28C	BEACON	75.00 WDG	0.037 lb/ac	MP					
28D	SUN-IT II	0.00 AD	0.500 qt/ac	MP					
LSD(.05) :					NS	17	13	14	13

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 10
 MP MAY 31

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4011 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL
1	GUARDSMAN	5.00 SE	2.500 lb/ac	EP	73	77	0	70	70	100
2	SURPASS 100	5.00 SC	2.750 lb/ac	EP	77	80	0	77	67	100
3A	HARNES PLUS	7.00 E	1.750 lb/ac	EP	87	90	0	87	83	100
3B	AATREX	4.00 L	1.500 lb/ac	EP						
4A	MON 8413	4.00 F	1.750 lb/ac	EP	83	80	23	83	77	100
4B	AATREX	4.00 L	1.500 lb/ac	EP						
5A	MICRO-TECH	4.00 MT	2.500 lb/ac	EP	83	83	0	83	73	100
5B	AATREX	4.00 L	1.500 lb/ac	EP						
6A	PARTNER	65.00 WDG	2.500 lb/ac	EP	73	80	0	73	73	100
6B	AATREX	4.00 L	1.500 lb/ac	EP						
7	BULLET	4.00 L	3.000 lb/ac	EP	67	73	0	67	70	97
8	BICEP II	5.90 L	3.600 lb/ac	EP	83	87	0	83	77	100
9	EXTRAZINE II	90.00 DF	4.000 lb/ac	EP	77	90	0	77	87	97
10A	MON 8413	4.00 F	2.250 lb/ac	EP	83	93	0	87	90	97
10B	MARKSMAN	3.20 L	1.400 lb/ac	EP						
11	MON 8412	6.00 F	3.250 lb/ac	EP	87	80	0	87	70	100
12	MON 8496	6.00 F	3.250 lb/ac	EP	60	73	0	60	60	100
13A	MICRO-TECH	4.00 MT	2.500 lb/ac	EP	90	90	0	90	80	100
13B	AATREX	4.00 L	1.500 lb/ac	EP						
13C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
14A	PARTNER	65.00 WDG	2.500 lb/ac	EP	90	90	0	93	80	100
14B	AATREX	4.00 L	1.500 lb/ac	EP						
14C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
15A	GUARDSMAN	5.00 SE	2.500 lb/ac	EP	90	87	0	90	77	100
15B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4011 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL
16A	SURPASS 100	5.00 SC	2.750 lb/ac	EP	87	83	0	87	73	100
16B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
17A	MON 8413	4.00 F	1.750 lb/ac	EP	90	90	0	90	83	100
17B	AATREX	4.00 L	1.500 lb/ac	EP						
17C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
18A	BULLET	4.00 L	3.000 lb/ac	EP	77	83	0	77	83	97
18B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
19A	MON 8412	6.00 F	3.250 lb/ac	EP	90	80	0	90	67	100
19B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
20A	MON 8496	6.00 F	3.250 lb/ac	EP	90	77	0	90	67	100
20B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP						
21	GUARDSMAN	5.00 SE	2.500 lb/ac	MP	47	90	0	47	93	100
22A	HARNESS PLUS	7.00 E	1.750 lb/ac	MP	57	100	3	57	100	100
22B	AATREX	4.00 L	1.500 lb/ac	MP						
23	MON 8412	6.00 F	3.250 lb/ac	MP	53	93	7	53	100	100
24	MON 8496	6.00 F	3.250 lb/ac	MP	37	97	7	37	97	100
25A	MON 8412	6.00 F	3.250 lb/ac	MP	60	100	17	60	100	100
25B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	MP						
26A	MON 8413	4.00 F	1.750 lb/ac	MP	60	100	17	60	100	100
26B	AATREX	4.00 L	1.500 lb/ac	MP						
26C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	MP						
27A	MON 8496	6.00 F	3.250 lb/ac	MP	73	100	20	73	100	100
27B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	MP						
LSD(.05) :					18	8	13	18	14	NS

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE) : 250 N, 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
DATE PLANTED : MAY 10 DATE TREATED : PRE MAY 10
VARIETY : PIONEER 3320 EP MAY 25
MP JUNE 3

FIELD # 550

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4011 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL
1	GUARDSMAN	5.00 SE	2.500 lb/ac	EP	0	67	63	100
2	SURPASS 100	5.00 SC	2.750 lb/ac	EP	0	70	67	100
3A	HARNESS PLUS	7.00 E	1.750 lb/ac	EP	0	83	80	100
3B	AATREX	4.00 L	1.500 lb/ac	EP				
4A	MON 8413	4.00 F	1.750 lb/ac	EP	0	80	70	100
4B	AATREX	4.00 L	1.500 lb/ac	EP				
5A	MICRO-TECH	4.00 MT	2.500 lb/ac	EP	0	83	67	100
5B	AATREX	4.00 L	1.500 lb/ac	EP				
6A	PARTNER	65.00 WDG	2.500 lb/ac	EP	0	70	70	100
6B	AATREX	4.00 L	1.500 lb/ac	EP				
7	BULLET	4.00 L	3.000 lb/ac	EP	0	63	63	97
8	BICEP II	5.90 L	3.600 lb/ac	EP	0	80	73	100
9	EXTRAZINE II	90.00 DF	4.000 lb/ac	EP	0	70	80	97
10A	MON 8413	4.00 F	2.250 lb/ac	EP	0	77	90	97
10B	MARKSMAN	3.20 L	1.400 lb/ac	EP				
11	MON 8412	6.00 F	3.250 lb/ac	EP	0	80	67	100
12	MON 8496	6.00 F	3.250 lb/ac	EP	0	57	60	100
13A	MICRO-TECH	4.00 MT	2.500 lb/ac	EP	0	87	73	100
13B	AATREX	4.00 L	1.500 lb/ac	EP				
13C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
14A	PARTNER	65.00 WDG	2.500 lb/ac	EP	0	90	80	100
14B	AATREX	4.00 L	1.500 lb/ac	EP				
14C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
15A	GUARDSMAN	5.00 SE	2.500 lb/ac	EP	0	90	73	100
15B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4011 CORN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL
16A	SURPASS 100	5.00 SC	2.750 lb/ac	EP	0	83	73	100
16B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
17A	MON 8413	4.00 F	1.750 lb/ac	EP	0	87	80	100
17B	AATREX	4.00 L	1.500 lb/ac	EP				
17C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
18A	BULLET	4.00 L	3.000 lb/ac	EP	0	73	77	97
18B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
19A	MON 8412	6.00 F	3.250 lb/ac	EP	0	90	67	100
19B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
20A	MON 8496	6.00 F	3.250 lb/ac	EP	0	87	63	100
20B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	EP				
21	GUARDSMAN	5.00 SE	2.500 lb/ac	MP	0	43	93	100
22A	HARNESS PLUS	7.00 E	1.750 lb/ac	MP	0	57	97	100
22B	AATREX	4.00 L	1.500 lb/ac	MP				
23	MON 8412	6.00 F	3.250 lb/ac	MP	0	53	97	100
24	MON 8496	6.00 F	3.250 lb/ac	MP	3	37	97	100
25A	MON 8412	6.00 F	3.250 lb/ac	MP	10	57	97	100
25B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	MP				
26A	MON 8413	4.00 F	1.750 lb/ac	MP	10	57	97	100
26B	AATREX	4.00 L	1.500 lb/ac	MP				
26C	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	MP				
27A	MON 8496	6.00 F	3.250 lb/ac	MP	10	63	100	100
27B	LIQUID N 40 GPA	0.10 L	99.000 lb/ac	MP				
				LSD(.05) :	2	16	16	NS

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N,
DATE PLANTED : MAY 10
VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 3.40 %
DATE TREATED : PRE MAY 10
EP MAY 25
MP JUNE 3

FIELD # 550

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4018 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL
1A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	90	60	0	90	93	53
1B	PERMIT	75.00 DF	0.032 lb/ac	LP						
1C	X-77	0.50 WA	0.250 †	LP						
2A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	100	63	0	100	70	60
2B	ACCENT	75.00 DF	0.031 lb/ac	LP						
2C	X-77	0.50 WA	0.250 †	LP						
3A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	97	67	0	97	90	63
3B	BEACON	75.00 WDG	0.036 lb/ac	LP						
3C	X-77	0.50 WA	0.250 †	LP						
4A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	100	70	0	100	93	60
4B	PERMIT	75.00 DF	0.016 lb/ac	LP						
4C	ACCENT	75.00 DF	0.016 lb/ac	LP						
4D	X-77	0.50 WA	0.250 †	LP						
5A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	100	80	0	100	87	67
5B	ACCENT	75.00 DF	0.016 lb/ac	LP						
5C	BEACON	75.00 WDG	0.018 lb/ac	LP						
5D	X-77	0.50 WA	0.250 †	LP						
6A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	83	80	0	83	93	70
6B	CGA 152005	57.00 DF	0.036 lb/ac	LP						
6C	X-77	0.50 WA	0.250 †	LP						
7A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	100	87	0	100	97	80
7B	CGA 152005	57.00 DF	0.018 lb/ac	LP						
7C	ACCENT	75.00 DF	0.016 lb/ac	LP						
7D	X-77	0.50 WA	0.250 †	LP						
8A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	93	83	0	93	97	77
8B	CGA 152005	57.00 DF	0.018 lb/ac	LP						
8C	BEACON	75.00 WDG	0.018 lb/ac	LP						
8D	X-77	0.50 WA	0.250 †	LP						
9A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	87	90	0	87	97	90
9B	BANVEL	4.00 S	0.250 lb/ac	LP						
9C	X-77	0.50 WA	0.250 †	LP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4018 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETPA	XANST	CHEAL
10A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	90	90	0	90	90	90
10B	PERMIT	75.00 DF	0.032 lb/ac	LP						
10C	WEEDAR 64	4.00 E	0.125 lb/ac	LP						
10D	X-77	0.50 WA	0.250 %	LP						
11A	DUAL II	7.80 E	2.000 lb/ac	PRE	87	90	0	87	100	90
11B	BROADSTRIKE POST	84.30 WG	0.210 lb/ac	EP						
11C	X-77	0.50 WA	0.250 %	EP						
11D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	EP						
12A	DUAL II	7.80 E	2.000 lb/ac	PRE	87	90	0	87	100	90
12B	BROADSTRIKE POST	84.30 WG	0.210 lb/ac	MP						
12C	X-77	0.50 WA	0.250 %	MP						
12D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	MP						
13A	DUAL	8.00 E	2.000 lb/ac	PRE	97	100	10	97	100	100
13B	BUCTRIL GEL	4.00 EC	0.370 lb/ac	LMP						
13C	AATREX	4.00 L	0.750 lb/ac	LMP						
14A	DUAL	8.00 E	2.000 lb/ac	PRE	97	100	3	97	100	100
14B	BUCTRIL GEL	4.00 EC	0.250 lb/ac	LMP						
14C	AATREX	4.00 L	0.500 lb/ac	LMP						
14D	WEEDONE 638	2.80 EC	0.125 lb/ac	LMP						
15A	BUCTRIL GEL	4.00 EC	0.250 lb/ac	LMP	83	90	7	83	97	90
15B	ACCENT	75.00 DF	0.031 lb/ac	LMP						
15C	AG 98	0.00 WA	0.250 %	LMP						
16A	BUCTRIL GEL	4.00 EC	0.250 lb/ac	LMP	97	97	10	93	100	100
16B	AATREX	4.00 L	0.500 lb/ac	LMP						
16C	ACCENT	75.00 DF	0.031 lb/ac	LMP						
16D	AG 98	0.00 WA	0.250 %	LMP						
17A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100
17B	MARKSMAN	3.20 L	1.400 lb/ac	EP						
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	97	100	0	97	100	100
18B	CLARITY	4.00 S	0.500 lb/ac	EP						
18C	X-77	0.50 WA	0.250 %	EP						
18D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4018 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL
19A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100
19B	BANVEL	4.00 S	0.500 lb/ac	EP						
19C	X-77	0.50 WA	0.250 %	EP						
19D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP						
20A	GUARDSMAN	5.00 SE	2.500 lb/ac	PRE	100	100	0	100	100	100
20B	MARKSMAN	3.20 L	1.400 lb/ac	EP						
LSD(.05) :					9	11	3	9	10	12

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 3.30 %
 DATE TREATED : PRE MAY 10
 EP JUNE 1
 MP JUNE 2
 LMP JUNE 3
 LP JUNE 6

FIELD # 550

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4018 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL
1A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	90	93	50
1B	PERMIT	75.00 DF	0.032 lb/ac	LP				
1C	X-77	0.50 WA	0.250 %	LP				
2A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	100	83	60
2B	ACCENT	75.00 DF	0.031 lb/ac	LP				
2C	X-77	0.50 WA	0.250 %	LP				
3A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	97	90	50
3B	BEACON	75.00 WDG	0.036 lb/ac	LP				
3C	X-77	0.50 WA	0.250 %	LP				
4A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	100	93	50
4B	PERMIT	75.00 DF	0.016 lb/ac	LP				
4C	ACCENT	75.00 DF	0.016 lb/ac	LP				
4D	X-77	0.50 WA	0.250 %	LP				
5A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	100	87	67
5B	ACCENT	75.00 DF	0.016 lb/ac	LP				
5C	BEACON	75.00 WDG	0.018 lb/ac	LP				
5D	X-77	0.50 WA	0.250 %	LP				
6A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	80	93	63
6B	CGA 152005	57.00 DF	0.036 lb/ac	LP				
6C	X-77	0.50 WA	0.250 %	LP				
7A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	93	90	73
7B	CGA 152005	57.00 DF	0.018 lb/ac	LP				
7C	ACCENT	75.00 DF	0.016 lb/ac	LP				
7D	X-77	0.50 WA	0.250 %	LP				
8A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	93	93	57
8B	CGA 152005	57.00 DF	0.018 lb/ac	LP				
8C	BEACON	75.00 WDG	0.018 lb/ac	LP				
8D	X-77	0.50 WA	0.250 %	LP				
9A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	80	97	90
9B	BANVEL	4.00 S	0.250 lb/ac	LP				
9C	X-77	0.50 WA	0.250 %	LP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4018 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL
10A	MICRO-TECH	4.00 MT	2.000 lb/ac	PRE	0	87	90	90
10B	PERMIT	75.00 DF	0.032 lb/ac	LP				
10C	WEEDAR 64	4.00 E	0.125 lb/ac	LP				
10D	X-77	0.50 WA	0.250 %	LP				
11A	DUAL II	7.80 E	2.000 lb/ac	PRE	0	87	100	90
11B	BROADSTRIKE POST	84.30 WG	0.210 lb/ac	EP				
11C	X-77	0.50 WA	0.250 %	EP				
11D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	EP				
12A	DUAL II	7.80 E	2.000 lb/ac	PRE	0	87	100	90
12B	BROADSTRIKE POST	84.30 WG	0.210 lb/ac	MP				
12C	X-77	0.50 WA	0.250 %	MP				
12D	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	MP				
13A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	93	100
13B	BUCTRIL GEL	4.00 EC	0.370 lb/ac	LMP				
13C	AATREX	4.00 L	0.750 lb/ac	LMP				
14A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	97	100
14B	BUCTRIL GEL	4.00 EC	0.250 lb/ac	LMP				
14C	AATREX	4.00 L	0.500 lb/ac	LMP				
14D	WEEDONE 638	2.80 EC	0.125 lb/ac	LMP				
15A	BUCTRIL GEL	4.00 EC	0.250 lb/ac	LMP	0	77	97	77
15B	ACCENT	75.00 DF	0.031 lb/ac	LMP				
15C	AG 98	0.00 WA	0.250 %	LMP				
16A	BUCTRIL GEL	4.00 EC	0.250 lb/ac	LMP	0	80	100	100
16B	AATREX	4.00 L	0.500 lb/ac	LMP				
16C	ACCENT	75.00 DF	0.031 lb/ac	LMP				
16D	AG 98	0.00 WA	0.250 %	LMP				
17A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	100	100
17B	MARKSMAN	3.20 L	1.400 lb/ac	EP				
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	93	100	100
18B	CLARITY	4.00 S	0.500 lb/ac	EP				
18C	X-77	0.50 WA	0.250 %	EP				
18D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4018 CORN POSTEMERGENCE III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL
19A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	100	100
19B	BANVEL	4.00 S	0.500 lb/ac	EP				
19C	X-77	0.50 WA	0.250 %	EP				
19D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP				
20A	GUARDSMAN	5.00 SE	2.500 lb/ac	PRE	0	100	100	100
20B	MARKSMAN	3.20 L	1.400 lb/ac	EP				
LSD(.05) :					NS	9	10	11

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 250 N,
 DATE PLANTED : MAY MAY 10
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 3.30 %
 DATE TREATED : PRE MAY 10
 EP JUNE 1
 MP JUNE 2
 LMP JUNE 3
 LP JUNE 6

FIELD # 550

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4012 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	ARUTH	PHBPU
1A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	93	0	100	100	97	93	80
1B	TOUGH	5.00 EC	0.450 lb/ac	MP								
1C	AATREX	4.00 L	0.750 lb/ac	MP								
1D	CROP OIL	0.00 AD	1.000 qt/ac	MP								
2A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	93	0	100	93	90	93	93
2B	TOUGH	5.00 EC	0.450 lb/ac	MP								
2C	WEEDAR 64	4.00 E	0.250 lb/ac	MP								
3A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	90	0	100	93	83	90	90
3B	TOUGH	5.00 EC	0.450 lb/ac	MP								
3C	ACCENT	75.00 DF	0.031 lb/ac	MP								
3D	X-77	0.50 WA	0.250 ‡	MP								
4A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	93	0	100	97	93	93	93
4B	CL 14788	3.35 SC	1.250 lb/ac	MP								
5A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	93	0	100	97	87	97	93
5B	CL 14788	3.35 SC	0.840 lb/ac	MP								
5C	ACCENT	75.00 DF	0.031 lb/ac	MP								
5D	X-77	0.50 WA	0.250 ‡	MP								
6A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	93	0	100	97	97	97	93
6B	CL 12150	5.25 EC	0.820 lb/ac	MP								
7A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	100	0	100	100	100	100	100
7B	CL 12150	5.25 EC	0.650 lb/ac	MP								
7C	AATREX	4.00 L	0.750 lb/ac	MP								
8A	DUAL II	7.80 E	1.500 lb/ac	PRE	100	97	0	100	100	97	97	97
8B	CL 12150	5.25 EC	0.650 lb/ac	MP								
8C	ACCENT	75.00 DF	0.031 lb/ac	MP								
8D	X-77	0.50 WA	0.250 ‡	MP								
9A	ACCENT	75.00 DF	0.031 lb/ac	MP	90	97	0	90	100	97	100	97
9B	AATREX	4.00 L	1.500 lb/ac	MP								
9C	AG 98	0.00 WA	0.250 ‡	MP								
9D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4012 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	KANST	ABUTH	PHBPU
10A	ACCENT	75.00 DF	0.031 lb/ac	MP	97	93	0	97	97	90	100	97
10B	AATREX	4.00 L	1.500 lb/ac	MP								
10C	MAGNUM 90	0.00 WA	0.250 %	MP								
10D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
11A	ACCENT	75.00 DF	0.031 lb/ac	MP	90	93	0	90	100	100	90	90
11B	BANVEL	4.00 S	0.250 lb/ac	MP								
11C	MAGNUM 90	0.00 WA	0.250 %	MP								
12A	ACCENT	75.00 DF	0.031 lb/ac	MP	90	90	0	90	93	90	90	87
12B	BANVEL	4.00 S	0.250 lb/ac	MP								
12C	AG 98	0.00 WA	0.250 %	MP								
13A	ACCENT	75.00 DF	0.031 lb/ac	MP	60	70	0	63	70	70	70	70
13B	BUCTRIL	2.00 E	0.375 lb/ac	MP								
13C	AG 98	0.00 WA	0.250 %	MP								
14A	ACCENT	75.00 DF	0.031 lb/ac	MP	90	100	0	90	100	100	100	100
14B	MARKSMAN	3.20 L	1.400 lb/ac	MP								
14C	AG 98	0.00 WA	0.250 %	MP								
15A	BLADEX	90.00 DF	3.000 lb/ac	PRE	100	90	0	100	100	90	100	87
15B	ACCENT	75.00 DF	0.031 lb/ac	MP								
15C	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
15D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
16	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
LSD (.05) :					19	24	NS	24	23	20	23	26

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 : 6.3 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 MP JUNE 3

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4012 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	XANST	ABUTH	PHBPU
1A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	93	100	83	83	67
1B	TOUGH	5.00 EC	0.450 lb/ac	MP						
1C	AATREX	4.00 L	0.750 lb/ac	MP						
1D	CROP OIL	0.00 AD	1.000 qt/ac	MP						
2A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	90	93	77	87	70
2B	TOUGH	5.00 EC	0.450 lb/ac	MP						
2C	WEEDAR 64	4.00 E	0.250 lb/ac	MP						
3A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	100	90	73	77	77
3B	TOUGH	5.00 EC	0.450 lb/ac	MP						
3C	ACCENT	75.00 DF	0.031 lb/ac	MP						
3D	X-77	0.50 WA	0.250 %	MP						
4A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	93	97	80	87	70
4B	CL 14788	3.35 SC	1.250 lb/ac	MP						
5A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	93	97	77	90	80
5B	CL 14788	3.35 SC	0.840 lb/ac	MP						
5C	ACCENT	75.00 DF	0.031 lb/ac	MP						
5D	X-77	0.50 WA	0.250 %	MP						
6A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	93	97	83	90	77
6B	CL 12150	5.25 EC	0.820 lb/ac	MP						
7A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	97	100	87	90	87
7B	CL 12150	5.25 EC	0.650 lb/ac	MP						
7C	AATREX	4.00 L	0.750 lb/ac	MP						
8A	DUAL II	7.80 E	1.500 lb/ac	PRE	0	97	100	77	93	77
8B	CL 12150	5.25 EC	0.650 lb/ac	MP						
8C	ACCENT	75.00 DF	0.031 lb/ac	MP						
8D	X-77	0.50 WA	0.250 %	MP						
9A	ACCENT	75.00 DF	0.031 lb/ac	MP	0	77	100	90	93	83
9B	AATREX	4.00 L	1.500 lb/ac	MP						
9C	AG 98	0.00 WA	0.250 %	MP						
9D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4012 CORN POSTEMERGENCE IV

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	XANST	ABUTH	PHBPU
10A	ACCENT	75.00 DF	0.031 lb/ac	MP	0	77	97	77	90	83
10B	AATREX	4.00 L	1.500 lb/ac	MP						
10C	MAGNUM 90	0.00 WA	0.250 %	MP						
10D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
11A	ACCENT	75.00 DF	0.031 lb/ac	MP	0	63	97	90	73	70
11B	BANVEL	4.00 S	0.250 lb/ac	MP						
11C	MAGNUM 90	0.00 WA	0.250 %	MP						
12A	ACCENT	75.00 DF	0.031 lb/ac	MP	0	73	93	90	80	73
12B	BANVEL	4.00 S	0.250 lb/ac	MP						
12C	AG 98	0.00 WA	0.250 %	MP						
13A	ACCENT	75.00 DF	0.031 lb/ac	MP	0	50	70	63	67	43
13B	BUCTRIL	2.00 E	0.375 lb/ac	MP						
13C	AG 98	0.00 WA	0.250 %	MP						
14A	ACCENT	75.00 DF	0.031 lb/ac	MP	0	70	100	97	100	87
14B	MARKSMAN	3.20 L	1.400 lb/ac	MP						
14C	AG 98	0.00 WA	0.250 %	MP						
15A	BLADEX	90.00 DF	3.000 lb/ac	PRE	0	83	100	73	87	63
15B	ACCENT	75.00 DF	0.031 lb/ac	MP						
15C	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
15D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP						
16	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100
LSD(.05) :					NS	23	23	20	23	19

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 : 6.3 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 MP JUNE 3

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4013 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	ABUTH	PHBPU
1A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	97	0	97	100	100	100	90
1B	SENCOR	75.00 DF	0.094 lb/ac	MP								
1C	BANVEL	4.00 S	0.250 lb/ac	MP								
2A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	97	90	0	100	93	93	93	83
2B	SENCOR	75.00 DF	0.094 lb/ac	MP								
2C	BANVEL	4.00 S	0.500 lb/ac	MP								
3A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	100	0	100	100	100	100	100
3B	SENCOR	75.00 DF	0.094 lb/ac	MP								
3C	MARKSMAN	3.20 L	0.400 lb/ac	MP								
4A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	100	0	100	100	100	100	100
4B	SENCOR	75.00 DF	0.094 lb/ac	MP								
4C	MARKSMAN	3.20 L	0.600 lb/ac	MP								
5A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	93	0	100	100	97	100	90
5B	SENCOR	75.00 DF	0.094 lb/ac	MP								
5C	BUCTRIL	2.00 E	0.250 lb/ac	MP								
6A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	90	0	100	93	97	93	93
6B	SENCOR	75.00 DF	0.094 lb/ac	MP								
6C	WEEDAR 64	4.00 E	0.250 lb/ac	MP								
7A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	100	0	100	100	100	100	100
7B	SENCOR	75.00 DF	0.094 lb/ac	MP								
7C	WEEDONE LV4	3.80 E	0.250 lb/ac	MP								
8A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	93	0	100	90	93	97	93
8B	SENCOR	75.00 DF	0.094 lb/ac	MP								
8C	CLARITY	4.00 S	0.250 lb/ac	MP								
9A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	97	97	100
9B	TOUGH	3.75 EC	0.470 lb/ac	MP								
9C	AATREX	4.00 L	0.500 lb/ac	MP								
9D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
10A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100	100	97
10B	TOUGH	3.75 EC	0.470 lb/ac	MP								
10C	AATREX	4.00 L	0.750 lb/ac	MP								
10D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4013 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	ABUTH	PHBPU
11A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100	100	100
11B	TOUGH	3.75 EC	0.700 lb/ac	MP								
11C	AATREX	4.00 L	0.750 lb/ac	MP								
11D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
12A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	100	0	100	100	100	100	97
12B	TOUGH	3.75 EC	0.470 lb/ac	MP								
12C	BLADEX	90.00 DF	0.900 lb/ac	MP								
13A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	97	0	100	97	93	97	93
13B	TOUGH	3.75 EC	0.470 lb/ac	MP								
13C	ACCENT	75.00 DF	0.031 lb/ac	MP								
13D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	97	0	100	100	100	100	90
14B	TOUGH	3.75 EC	0.470 lb/ac	MP								
14C	BEACON	75.00 WDG	0.036 lb/ac	MP								
14D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
15A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	93	0	100	87	97	93	87
15B	BEACON	75.00 WDG	0.036 lb/ac	MP								
15C	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP								
16A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	100	83	0	100	90	80	93	90
16B	ACCENT	75.00 DF	0.031 lb/ac	MP								
16C	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP								
LSD(.05) :					2	6	NS	NS	8	2	NS	8

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 MP JUNE 3

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4013 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	XANST	ABUTH	PHBPU
1A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	83	90	100	93	73
1B	SENCOR	75.00 DF	0.094 lb/ac	MP						
1C	BANVEL	4.00 S	0.250 lb/ac	MP						
2A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	83	87	90	90	63
2B	SENCOR	75.00 DF	0.094 lb/ac	MP						
2C	BANVEL	4.00 S	0.500 lb/ac	MP						
3A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	93	97	100	93	77
3B	SENCOR	75.00 DF	0.094 lb/ac	MP						
3C	MARKSMAN	3.20 L	0.400 lb/ac	MP						
4A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	90	100	93	97	77
4B	SENCOR	75.00 DF	0.094 lb/ac	MP						
4C	MARKSMAN	3.20 L	0.600 lb/ac	MP						
5A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	87	100	87	93	63
5B	SENCOR	75.00 DF	0.094 lb/ac	MP						
5C	BUCTRIL	2.00 E	0.250 lb/ac	MP						
6A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	93	77	90	90	80
6B	SENCOR	75.00 DF	0.094 lb/ac	MP						
6C	WEEDAR 64	4.00 E	0.250 lb/ac	MP						
7A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	90	100	90	97	83
7B	SENCOR	75.00 DF	0.094 lb/ac	MP						
7C	WEEDONE LV4	3.80 E	0.250 lb/ac	MP						
8A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	90	87	93	93	77
8B	SENCOR	75.00 DF	0.094 lb/ac	MP						
8C	CLARITY	4.00 S	0.250 lb/ac	MP						
9A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	100	87	90	73
9B	TOUGH	3.75 EC	0.470 lb/ac	MP						
9C	AATREX	4.00 L	0.500 lb/ac	MP						
9D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
10A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	100	93	100	87
10B	TOUGH	3.75 EC	0.470 lb/ac	MP						
10C	AATREX	4.00 L	0.750 lb/ac	MP						
10D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						

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TABLE C4013 CORN POSTEMERGENCE V

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	XANST	ABUTH	PHBPU
11A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	100	100	87	97	73
11B	TOUGH	3.75 EC	0.700 lb/ac	MP						
11C	AATREX	4.00 L	0.750 lb/ac	MP						
11D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
12A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	100	90	87	73
12B	TOUGH	3.75 EC	0.470 lb/ac	MP						
12C	BLADEX	90.00 DF	0.900 lb/ac	MP						
13A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	93	97	77	90	67
13B	TOUGH	3.75 EC	0.470 lb/ac	MP						
13C	ACCENT	75.00 DF	0.031 lb/ac	MP						
13D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	93	87	90	90	57
14B	TOUGH	3.75 EC	0.470 lb/ac	MP						
14C	BEACON	75.00 WDG	0.036 lb/ac	MP						
14D	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
15A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	97	57	97	90	60
15B	BEACON	75.00 WDG	0.036 lb/ac	MP						
15C	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP						
16A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	97	77	67	90	63
16B	ACCENT	75.00 DF	0.031 lb/ac	MP						
16C	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP						

LSD(.05) : NS 7 8 2 8 8

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 MP JUNE 3

FIELD # 450

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TABLE C4014 CORN POSTEMERGENCE VI (IR)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPL.--				--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL	CRIN	SETFA	XANST	CHEAL
1A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	93	83	50	0	90	83	23
1B	X-77	0.50 WA	0.250 %	EP								
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
1D	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
2A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	70	90	93	0	57	83	90
2B	AATREX	4.00 L	0.600 lb/ac	EP								
2C	X-77	0.50 WA	0.250 %	EP								
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
2E	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
3A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	77	87	93	0	77	90	93
3B	BANVEL	4.00 S	0.125 lb/ac	EP								
3C	X-77	0.50 WA	0.250 %	EP								
3D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
3E	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
4A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	80	93	93	0	77	80	87
4B	BANVEL	4.00 S	0.250 lb/ac	EP								
4C	X-77	0.50 WA	0.250 %	EP								
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
4E	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
5A	FRONTIER	7.50 EC	0.750 lb/ac	EP	0	93	90	77	0	90	80	43
5B	PURSUIT	70.00 DF	0.063 lb/ac	EP								
5C	X-77	0.50 WA	0.250 %	EP								
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
5E	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
6A	SCEPTER	70.00 DG	0.125 lb/ac	PRE	0	100	100	100	0	90	93	97
6B	FRONTIER	7.50 EC	0.900 lb/ac	PRE								
6C	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
7A	FRONTIER	7.50 EC	0.750 lb/ac	PRE	0	100	33	53	0	93	23	37
7B	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
8A	DUAL	8.00 E	1.500 lb/ac	PRE	0	100	23	70	0	97	10	23
8B	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								

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TABLE C4014 CORN POSTEMERGENCE VI (IR)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPL.--				--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	CHEAL	CRIN	SETFA	XANST	CHEAL
9A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	87	83	90	0	87	67	73
9B	PROWL	3.30 EC	1.000 lb/ac	EP								
9C	X-77	0.50 WA	0.250 %	EP								
9D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
9E	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
10A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	93	87	57	0	93	83	23
10B	MAGNUM 90	0.00 WA	0.250 %	EP								
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
10D	COUNTER 20CR	20.00 G	1.030 lb/ac	INF								
LSD(.05) :					NS	7	24	30	NS	10	19	36

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : APRIL 25
 VARIETY : PIONEER 3245 IR

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE APRIL 25
 EP MAY 17

FIELD # 900

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4019 POSTEMERGENCE VII (IGNITE)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----				8 WEEKS AFTER APPLICATI						
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	ABUTH	IPOHE	SETFA	CHEAL	ABUTH	IPOHE
1A	IGNITE	1.67 AS	0.360 lb/ac	EP	90	70	0	90	80	80	97	80	60	63	83
1B	IGNITE	1.67 AS	0.360 lb/ac	2RE											
2	IGNITE	1.67 AS	0.540 lb/ac	EP	93	90	0	100	93	90	100	93	87	83	90
3	IGNITE	1.67 AS	0.710 lb/ac	EP	93	93	0	100	93	93	100	93	90	90	93
4A	IGNITE	1.67 AS	0.360 lb/ac	EP	90	100	0	93	100	97	100	87	90	90	90
4B	AATREX	4.00 L	1.500 lb/ac	EP											
4C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP											
5A	IGNITE	1.67 AS	0.360 lb/ac	EP	100	90	0	100	90	97	100	90	83	87	90
5B	BLADEX	90.00 DF	2.000 lb/ac	EP											
6	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
				LSD(.05) :	6	35	NS	4	10	11	4	8	6	7	6

LOCATION : SPINDLETOP FARM SOIL TYPE : MAURY SILT LOAM
 FERTILIZER APPLIED (LB/ACRE): 250 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE PLANTED : DATE TREATED : EP JUNE 7
 VARIETY : IGNITE RESISTANT 2"REG JULY 5

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TABLE C4004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--				8 WEEKS AFTER AP.			
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
1A	BULLET	4.00 L	4.000 lb/ac	PRE	87	100	0	87	100	0	87	100
1B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
1C	ACTIVATOR 90	0.00 WA	0.500 %	PRE								
2A	BULLET	4.00 L	4.000 lb/ac	PRE	53	53	0	53	53	0	53	53
2B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE								
2C	ACTIVATOR 90	0.00 WA	0.250 %	PRE								
3A	BICEP II	5.90 L	3.600 lb/ac	PRE	80	80	0	80	80	0	80	80
3B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
3C	ACTIVATOR 90	0.00 WA	0.500 %	PRE								
4A	BICEP II	5.90 L	3.600 lb/ac	PRE	90	93	0	90	93	0	90	93
4B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE								
4C	ACTIVATOR 90	0.00 WA	0.250 %	PRE								
5A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	PRE	93	60	0	93	60	0	93	60
5B	ROUNDUP	4.00 E	0.750 lb/ac	PRE								
5C	X-77	0.50 WA	0.500 %	PRE								
6A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	PRE	80	90	0	80	90	0	80	90
6B	AATREX	4.00 L	1.000 lb/ac	PRE								
6C	ROUNDUP	4.00 E	0.750 lb/ac	PRE								
6D	X-77	0.50 WA	0.500 %	PRE								
7A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	77	93	0	77	93	0	77	93
7B	X-77	0.50 WA	0.500 %	PRE								
7C	ACCENT	75.00 DF	0.031 lb/ac	MP								
7D	HERBIMAX	0.00 AD	1.000 qt/ac	MP								
7E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
8A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	73	100	0	73	100	0	73	100
8B	X-77	0.50 WA	0.500 %	PRE								
8C	AATREX	4.00 L	1.500 lb/ac	MP								
8D	ACCENT	75.00 DF	0.031 lb/ac	MP								
8E	HERBIMAX	0.00 AD	1.000 qt/ac	MP								
8F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								

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TABLE C4004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--		8 WEEKS AFTER AP.					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
9A	AATREX	4.00 L	0.900 lb/ac	PRE	90	100	0	90	100	0	90	100
9B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
9C	X-77	0.50 WA	0.500 %	PRE								
9D	AATREX	4.00 L	0.900 lb/ac	MP								
9E	ACCENT	75.00 DF	0.031 lb/ac	MP								
9F	HERBIMAX	0.00 AD	1.000 qt/ac	MP								
9G	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
10A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	80	90	0	80	90	0	80	90
10B	X-77	0.50 WA	0.500 %	PRE								
10C	ACCENT	75.00 DF	0.016 lb/ac	MP								
10D	BEACON	75.00 WDG	0.018 lb/ac	MP								
10E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
10F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
11A	EXTRAZINE II	90.00 DF	3.000 lb/ac	PRE	100	100	0	100	100	0	100	100
11B	ACCENT	75.00 DF	0.031 lb/ac	MP								
11C	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
11D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
12A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	80	100	0	80	100	0	80	100
12B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
12C	X-77	0.50 WA	0.500 %	PRE								
12D	MARKSMAN	3.20 L	1.400 lb/ac	EP								
13A	GUARDSMAN	5.00 SE	2.500 lb/ac	PRE	93	100	0	93	100	0	93	100
13B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
13C	X-77	0.50 WA	0.500 %	PRE								
13D	MARKSMAN	3.20 L	1.400 lb/ac	EP								
14A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	70	93	0	70	93	0	70	93
14B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
14C	X-77	0.50 WA	0.500 %	PRE								
14D	CLARITY	4.00 S	0.500 lb/ac	EP								
14E	X-77	0.50 WA	0.250 %	EP								
14F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP								

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TABLE C4004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--				8 WEEKS AFTER AP.			
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
15A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	73	100	0	73	100	0	73	100
15B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
15C	X-77	0.50 WA	0.500 %	PRE								
15D	BANVEL	4.00 S	0.500 lb/ac	EP								
15E	X-77	0.50 WA	0.250 %	EP								
15F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP								
16A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	87	100	0	87	100	0	87	100
16B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
16C	X-77	0.50 WA	0.500 %	PRE								
16D	CLARITY	4.00 S	0.500 lb/ac	EP								
16E	X-77	0.50 WA	0.250 %	EP								
16F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP								
17A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	83	100	0	83	100	0	83	100
17B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
17C	X-77	0.50 WA	0.500 %	PRE								
17D	BANVEL	4.00 S	0.500 lb/ac	EP								
17E	X-77	0.50 WA	0.250 %	EP								
17F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP								
18A	DUAL II	7.80 E	2.000 lb/ac	PRE	93	100	0	93	100	0	93	100
18B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
18C	X-77	0.50 WA	0.500 %	PRE								
18D	MARKSMAN	3.20 L	1.400 lb/ac	EP								
19A	DUAL II	7.80 E	2.000 lb/ac	PRE	77	67	0	77	67	0	77	67
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
19C	X-77	0.50 WA	0.500 %	PRE								
19D	CLARITY	4.00 S	0.500 lb/ac	EP								
19E	X-77	0.50 WA	0.250 %	EP								
19F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP								
20A	SURPASS	6.40 E	1.800 lb/ac	PRE	77	100	0	77	100	0	77	100
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
20C	X-77	0.50 WA	0.500 %	PRE								
20D	MARKSMAN	3.20 L	1.400 lb/ac	EP								

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TABLE C4004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION-- 8 WEEKS AFTER AP.							
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
21A	SURPASS	6.40 E	1.800 lb/ac	PRE	57	80	0	57	80	0	57	80
21B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
21C	X-77	0.50 WA	0.500 %	PRE								
21D	CLARITY	4.00 S	0.500 lb/ac	EP								
21E	X-77	0.50 WA	0.250 %	EP								
21F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	EP								
22A	ICIA 5676	3.20 CS	1.800 lb/ac	PRE	87	93	0	90	93	0	90	93
22B	AATREX	4.00 L	1.500 lb/ac	PRE								
22C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE								
22D	X-77	0.50 WA	0.250 %	PRE								
23A	ICIA 5676	3.20 CS	2.400 lb/ac	PRE	90	100	0	93	100	0	93	100
23B	AATREX	4.00 L	1.500 lb/ac	PRE								
23C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE								
23D	X-77	0.50 WA	0.250 %	PRE								
24A	ICIA 5676	3.20 CS	1.800 lb/ac	PRE	83	97	0	83	97	0	83	97
24B	AATREX	4.00 L	1.500 lb/ac	PRE								
24C	TOUCHDOWN	6.00 AQ	1.000 lb/ac	PRE								
25A	ICIA 5676	3.20 CS	2.400 lb/ac	PRE	80	87	0	80	87	0	80	87
25B	AATREX	4.00 L	1.500 lb/ac	PRE								
25C	TOUCHDOWN	6.00 AQ	1.000 lb/ac	PRE								
26A	ICIA 5676	3.20 CS	1.800 lb/ac	PRE	80	90	0	80	90	0	80	90
26B	AATREX	4.00 L	1.500 lb/ac	PRE								
26C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
26D	X-77	0.50 WA	0.500 %	PRE								
27A	ICIA 5676	3.20 CS	2.400 lb/ac	PRE	90	100	0	90	100	0	90	100
27B	AATREX	4.00 L	1.500 lb/ac	PRE								
27C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
27D	X-77	0.50 WA	0.500 %	PRE								
28A	BULLET	4.00 L	3.750 lb/ac	PRE	83	100	0	83	100	0	83	100
28B	ROUNDUP	4.00 E	0.500 lb/ac	PRE								
28C	ACTIVATOR 90	0.00 WA	0.250 %	PRE								

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TABLE C4004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
29A	BULLET	4.00 L	3.750 lb/ac	PRE	90	100	0	90	100	0	90	100
29B	ROUNDUP	4.00 E	0.500 lb/ac	PRE								
29C	MAGNUM 90	0.00 WA	0.250 %	PRE								
30A	BULLET	4.00 L	3.750 lb/ac	PRE	90	100	0	90	100	0	90	100
30B	ROUNDUP	4.00 E	0.500 lb/ac	PRE								
30C	HERBIMAX	0.00 AD	1.000 qt/ac	PRE								
31A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	83	100	0	83	100	0	83	100
31B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
31C	X-77	0.50 WA	0.500 %	PRE								
31D	TOUGH	5.00 EC	0.450 lb/ac	MP								
31E	WEEDAR 64	4.00 E	0.250 lb/ac	MP								
32A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	97	100	0	97	100	0	97	100
32B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
32C	X-77	0.50 WA	0.500 %	PRE								
32D	CL 14788	3.35 SC	1.250 lb/ac	MP								
32E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
33A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	100	100	0	100	100	0	100	100
33B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
33C	X-77	0.50 WA	0.500 %	PRE								
33D	CL 14788	3.35 SC	0.840 lb/ac	MP								
33E	ACCENT	75.00 DF	0.031 lb/ac	MP								
33F	X-77	0.50 WA	0.250 %	MP								
34A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	87	100	0	87	100	0	87	100
34B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
34C	X-77	0.50 WA	0.500 %	PRE								
34D	CL 12150	5.25 EC	0.820 lb/ac	MP								
35A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	87	100	0	87	100	0	87	100
35B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
35C	X-77	0.50 WA	0.500 %	PRE								
35D	CL 14788	3.35 SC	0.840 lb/ac	MP								
35E	BEACON	75.00 WDG	0.036 lb/ac	MP								
35F	X-77	0.50 WA	0.250 %	MP								

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TABLE C4004 NO-TILL CORN STALKLAND

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION-- 8 WEEKS AFTER AP.							
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
36A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	87	100	0	93	100	0	93	100
36B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
36C	X-77	0.50 WA	0.500 %	PRE								
36D	TOUGH	3.75 EC	0.470 lb/ac	MP								
36E	AATREX	4.00 L	0.500 lb/ac	MP								
36F	X-77	0.50 WA	0.250 %	MP								
37A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	97	100	0	97	100	0	97	100
37B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
37C	X-77	0.50 WA	0.500 %	PRE								
37D	TOUGH	3.75 EC	0.470 lb/ac	MP								
37E	AATREX	4.00 L	0.750 lb/ac	MP								
37F	X-77	0.50 WA	0.250 %	MP								
38A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	97	100	0	97	100	0	97	100
38B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
38C	X-77	0.50 WA	0.500 %	PRE								
38D	TOUGH	3.75 EC	0.700 lb/ac	MP								
38E	AATREX	4.00 L	0.750 lb/ac	MP								
38F	X-77	0.50 WA	0.250 %	MP								
LSD (.05) :					17	14	NS	16	14	NS	16	14

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 12
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 13
 EP JUNE 7
 MP JUNE 9

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4005 NO-TILL CORN STALKLAND II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION-- 8 WEEKS AFTER AP.							
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
10A	MON 8412	6.00 F	1.750 lb/ac	PRE	80	83	0	80	83	0	67	70
10B	EXTRAZINE II	90.00 DF	1.500 lb/ac	PRE								
10C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
10D	X-77	0.50 WA	0.500 %	PRE								
11A	MON 8412	6.00 F	1.750 lb/ac	PRE	73	87	0	73	87	0	63	77
11B	EXTRAZINE II	90.00 DF	2.000 lb/ac	PRE								
11C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
11D	X-77	0.50 WA	0.500 %	PRE								
12A	MON 8412	6.00 F	2.625 lb/ac	PRE	67	67	0	67	67	0	63	53
12B	EXTRAZINE II	90.00 DF	1.000 lb/ac	PRE								
12C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
12D	X-77	0.50 WA	0.500 %	PRE								
13A	MON 8412	6.00 F	2.625 lb/ac	PRE	87	87	0	87	87	0	70	73
13B	EXTRAZINE II	90.00 DF	1.500 lb/ac	PRE								
13C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
13D	X-77	0.50 WA	0.500 %	PRE								
14A	MON 8412	6.00 F	2.625 lb/ac	PRE	90	93	0	90	93	0	80	83
14B	EXTRAZINE II	90.00 DF	2.000 lb/ac	PRE								
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
14D	X-77	0.50 WA	0.500 %	PRE								
15A	MON 8412	6.00 F	2.100 lb/ac	PRE	63	60	0	63	60	0	57	57
15B	AATREX	4.00 L	1.000 lb/ac	PRE								
15C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
15D	X-77	0.50 WA	0.500 %	PRE								
16A	MON 8412	6.00 F	2.100 lb/ac	PRE	67	97	0	67	97	0	57	97
16B	BATTALION	15.00 DF	0.047 lb/ac	PRE								
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
16D	X-77	0.50 WA	0.500 %	PRE								
17A	MON 8413	4.00 F	2.500 lb/ac	PRE	97	100	0	97	100	0	90	97
17B	AATREX	4.00 L	1.000 lb/ac	PRE								
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
17D	X-77	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4005 NO-TILL CORN STALKLAND II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
18A	MON 8413	4.00 F	1.250 lb/ac	PRE	87	93	0	87	93	0	77	90
18B	AATREX	4.00 L	0.500 lb/ac	PRE								
18C	EXTRAZINE II	90.00 DF	2.000 lb/ac	PRE								
18D	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
18E	X-77	0.50 WA	0.500 %	PRE								
19A	MON 8412	6.00 F	2.625 lb/ac	PRE	87	97	0	87	97	0	70	80
19B	PRINCEP	4.00 L	1.000 lb/ac	PRE								
19C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
19D	X-77	0.50 WA	0.500 %	PRE								
20A	MON 8412	6.00 F	2.625 lb/ac	PRE	83	83	0	83	83	0	63	67
20B	BLADEX	90.00 DF	1.500 lb/ac	PRE								
20C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
20D	X-77	0.50 WA	0.500 %	PRE								
21A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	77	100	0	77	100	0	63	97
21B	BATTALION	15.00 DF	0.063 lb/ac	PRE								
21C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
21D	X-77	0.50 WA	0.500 %	PRE								
22A	HARNESS PLUS	7.00 E	2.500 lb/ac	PRE	67	100	0	67	100	0	63	93
22B	BATTALION	15.00 DF	0.063 lb/ac	PRE								
22C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
22D	X-77	0.50 WA	0.500 %	PRE								
23A	PARTNER	65.00 WDG	3.000 lb/ac	PRE	93	100	0	93	100	0	80	100
23B	BATTALION	15.00 DF	0.063 lb/ac	PRE								
23C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
23D	X-77	0.50 WA	0.500 %	PRE								
24A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	77	83	0	77	83	0	70	73
24B	AATREX	4.00 L	0.800 lb/ac	PRE								
24C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
24D	X-77	0.50 WA	0.500 %	PRE								
25A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	87	100	0	87	100	0	73	93
25B	AATREX	4.00 L	0.800 lb/ac	PRE								
25C	BATTALION	15.00 DF	0.047 lb/ac	PRE								
25D	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
25E	X-77	0.50 WA	0.500 %	PRE								

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TABLE C4005 NO-TILL CORN STALKLAND II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
1A	EXTRAZINE II	90.00 DF	4.000 lb/ac	PRE	80	93	0	80	93	0	73	80
1B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
1C	X-77	0.50 WA	0.500 %	PRE								
2A	BICEP II	5.90 L	3.600 lb/ac	PRE	87	87	0	87	87	0	80	67
2B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
2C	X-77	0.50 WA	0.500 %	PRE								
3A	BULLET	4.00 L	4.000 lb/ac	PRE	93	100	0	93	100	0	83	100
3B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
3C	X-77	0.50 WA	0.500 %	PRE								
4A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	87	97	0	87	97	0	77	83
4B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
4C	X-77	0.50 WA	0.500 %	PRE								
5A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	97	93	0	97	93	0	87	87
5B	AATREX	4.00 L	1.000 lb/ac	PRE								
5C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
5D	X-77	0.50 WA	0.500 %	PRE								
6A	SURPASS	6.40 E	1.950 lb/ac	PRE	80	93	0	80	93	0	63	87
6B	AATREX	4.00 L	1.300 lb/ac	PRE								
6C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
6D	X-77	0.50 WA	0.500 %	PRE								
7A	MON 8412	6.00 F	3.500 lb/ac	PRE	87	90	0	87	90	0	77	77
7B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
7C	X-77	0.50 WA	0.500 %	PRE								
8A	MON 8412	6.00 F	3.500 lb/ac	PRE	90	80	0	90	80	0	80	67
8B	EXTRAZINE II	90.00 DF	1.000 lb/ac	PRE								
8C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
8D	X-77	0.50 WA	0.500 %	PRE								
9A	MON 8412	6.00 F	3.500 lb/ac	PRE	93	97	0	93	97	0	83	93
9B	EXTRAZINE II	90.00 DF	2.000 lb/ac	PRE								
9C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
9D	X-77	0.50 WA	0.500 %	PRE								

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TABLE C4005 NO-TILL CORN STALKLAND II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--		8 WEEKS AFTER AP.					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
26A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	77	100	0	77	100	0	70	100
26B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
26C	X-77	0.50 WA	0.500 %	PRE								
26D	PERMIT	75.00 DF	0.032 lb/ac	LP								
26E	X-77	0.50 WA	0.250 %	LP								
27A	HARNESS PLUS	7.00 E	2.500 lb/ac	PRE	83	100	0	83	100	0	73	100
27B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
27C	X-77	0.50 WA	0.500 %	PRE								
27D	PERMIT	75.00 DF	0.032 lb/ac	LP								
27E	X-77	0.50 WA	0.250 %	LP								
28A	HARNESS PLUS	7.00 E	2.000 lb/ac	PRE	73	100	0	73	100	0	70	100
28B	AATREX	4.00 L	0.800 lb/ac	PRE								
28C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
28D	X-77	0.50 WA	0.500 %	PRE								
28E	PERMIT	75.00 DF	0.032 lb/ac	LP								
28F	X-77	0.50 WA	0.250 %	LP								
29A	MON 8412	6.00 F	1.750 lb/ac	PRE	77	70	0	77	70	0	63	60
29B	EXTRAZINE II	90.00 DF	2.000 lb/ac	PRE								
29C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
29D	X-77	0.50 WA	0.500 %	PRE								
30A	BULLET	4.00 L	4.000 lb/ac	PRE	100	100	0	100	100	0	93	100
30B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
30C	X-77	0.50 WA	0.500 %	PRE								
30D	PERMIT	75.00 DF	0.032 lb/ac	LP								
30E	X-77	0.50 WA	0.250 %	LP								
LSD (.05) :					19	17	NS	19	17	NS	17	18

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 12
 VARIETY : PIONEER 3320

SOIL TYPE : MARUY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 13
 LP JUNE 9

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4016 NO-TILL CORN STALKLAND III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION-- 8 WEEKS AFTER AP.							
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
1A	HARNES PLUS	7.00 E	2.000 lb/ac	PRE	30	30	0	30	30	0	30	30
1B	AATREX	4.00 L	0.800 lb/ac	PRE								
1C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
1D	X-77	0.50 WA	0.500 %	PRE								
1E	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
2A	HARNES PLUS	7.00 E	2.000 lb/ac	PRE	40	30	0	40	30	0	33	30
2B	AATREX	4.00 L	0.800 lb/ac	PRE								
2C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
2D	X-77	0.50 WA	0.500 %	PRE								
2E	LIQUID N 25 GPA	0.10 L	70.000 lb/ac	PRE								
3A	BATTALION	15.00 DF	0.031 lb/ac	PRE	33	37	0	33	37	0	33	30
3B	MON 8435	7.50 EC	2.400 lb/ac	PRE								
3C	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
3D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
3E	X-77	0.50 WA	0.500 %	1H								
4A	BATTALION	15.00 DF	0.031 lb/ac	PRE	33	30	0	33	30	0	33	30
4B	MON 8435	7.50 EC	2.400 lb/ac	PRE								
4C	AATREX	4.00 L	1.000 lb/ac	PRE								
4D	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
4E	ROUNDUP	4.00 E	1.000 lb/ac	1H								
4F	X-77	0.50 WA	0.500 %	1H								
5A	BATTALION	15.00 DF	0.047 lb/ac	PRE	33	40	0	33	40	0	33	40
5B	MON 8435	7.50 EC	2.400 lb/ac	PRE								
5C	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
5D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
5E	X-77	0.50 WA	0.500 %	1H								
6A	BATTALION	15.00 DF	0.047 lb/ac	PRE	30	37	0	30	37	0	30	37
6B	MON 8435	7.50 EC	2.400 lb/ac	PRE								
6C	LIQUID N 25 GPA	0.10 L	70.000 lb/ac	PRE								
6D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
6E	X-77	0.50 WA	0.500 %	1H								

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TABLE C4016 NO-TILL CORN STALKLAND III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
7A	BATTALION	15.00 DF	0.047 lb/ac	PRE	30	30	0	30	30	0	30	30
7B	MON 8435	7.50 EC	2.400 lb/ac	PRE								
7C	AATREX	4.00 L	1.000 lb/ac	PRE								
7D	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
7E	ROUNDUP	4.00 E	1.000 lb/ac	1H								
7F	X-77	0.50 WA	0.500 %	1H								
8A	BATTALION	15.00 DF	0.047 lb/ac	PRE	33	50	0	33	50	0	30	47
8B	MON 8435	7.50 EC	2.400 lb/ac	PRE								
8C	AATREX	4.00 L	1.000 lb/ac	PRE								
8D	LIQUID N 25 GPA	0.10 L	70.000 lb/ac	PRE								
8E	ROUNDUP	4.00 E	1.000 lb/ac	1H								
8F	X-77	0.50 WA	0.500 %	1H								
9A	BATTALION	15.00 DF	0.031 lb/ac	PRE	33	40	0	33	40	0	30	40
9B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
9C	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
9D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
9E	X-77	0.50 WA	0.500 %	1H								
10A	BATTALION	15.00 DF	0.047 lb/ac	PRE	30	30	0	30	30	0	30	30
10B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
10C	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
10D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
10E	X-77	0.50 WA	0.500 %	1H								
11A	BATTALION	15.00 DF	0.047 lb/ac	PRE	30	30	0	30	30	0	30	30
11B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
11C	LIQUID FERTILIZER	0.00 AD	2.800 qt/ac	PRE								
11D	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
11E	X-77	0.50 WA	0.500 %	PRE								
12A	BATTALION	15.00 DF	0.047 lb/ac	PRE	47	40	0	47	40	0	43	37
12B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
12C	LIQUID N 25 GPA	0.10 L	70.000 lb/ac	PRE								
12D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
12E	X-77	0.50 WA	0.500 %	1H								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4016 NO-TILL CORN STALKLAND III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--				8 WEEKS AFTER AP.			
					GGGGG	BBBBB	CRIN	SETFA	ABUTH	CRIN	SETFA	ABUTH
13A	BATTALION	15.00 DF	0.063 lb/ac	PRE	33	40	0	33	40	0	33	50
13B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
13C	WATER 25 GPA	0.10 L	0.000 lb/ac	PRE								
13D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
13E	X-77	0.50 WA	0.500 %	1H								
14A	BATTALION	15.00 DF	0.063 lb/ac	PRE	37	53	0	37	53	0	37	43
14B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
14C	LIQUID N 25 GPA	0.10 L	70.000 lb/ac	PRE								
14D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
14E	X-77	0.50 WA	0.500 %	1H								
15A	BATTALION	15.00 DF	0.063 lb/ac	PRE	37	37	0	37	30	0	37	33
15B	MON 8435	7.50 EC	3.000 lb/ac	PRE								
15C	LIQUID FERTILIZER	0.00 AD	2.800 qt/ac	PRE								
15D	ROUNDUP	4.00 E	1.000 lb/ac	1H								
15E	X-77	0.50 WA	0.500 %	1H								
LSD(.05) :					12	NS	NS	12	NS	NS	9	20

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : MAY 12
 VARIETY : PIONEER 3320

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : PRE MAY 12
 +1H MAY 13

FIELD # 750

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4006 NO-TILL CORN EARLY PRELANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
1A	BICEP II	5.90 L	3.600 lb/ac	2WK	67	70	0	67	73	0	47	67
1B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
1C	X-77	0.50 WA	0.500 %	2WK								
2A	BICEP II	5.90 L	3.600 lb/ac	2WK	67	83	0	67	97	0	47	83
2B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	2WK								
2C	X-77	0.50 WA	0.500 %	2WK								
3A	BICEP II	5.90 L	3.600 lb/ac	2WK	60	83	0	60	93	0	43	87
3B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK								
4A	BICEP LITE	5.00 L	3.000 lb/ac	2WK	60	87	0	60	100	0	43	93
4B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
4C	X-77	0.50 WA	0.500 %	2WK								
4D	CGA 152005	57.00 DF	0.027 lb/ac	MP								
4E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
5	EXTRAZINE II	90.00 DF	4.000 lb/ac	2WK	50	73	0	50	87	0	47	70
6A	EXTRAZINE II	90.00 DF	4.000 lb/ac	2WK	73	90	0	77	97	0	53	93
6B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK								
6C	EXTRAZINE II	90.00 DF	2.000 lb/ac	EP								
7A	EXTRAZINE II	90.00 DF	2.000 lb/ac	2WK	70	90	0	70	100	0	57	97
7B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK								
7C	EXTRAZINE II	90.00 DF	2.000 lb/ac	EP								
8A	EXTRAZINE II	90.00 DF	2.000 lb/ac	2WK	83	90	0	83	100	0	87	97
8B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK								
8C	ACCENT	75.00 DF	0.031 lb/ac	MP								
8D	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
8E	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
9A	EXTRAZINE II	90.00 DF	4.000 lb/ac	2WK	87	87	0	87	100	0	87	93
9B	ACCENT	75.00 DF	0.031 lb/ac	MP								
9C	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
9D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
10A	BULLET	4.00 L	3.750 lb/ac	2WK	63	63	0	63	80	0	47	63
10B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
10C	X-77	0.50 WA	0.500 %	2WK								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4006 NO-TILL CORN EARLY PRELANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
11A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	63	60	0	63	60	0	50	60
11B	ROUNDUP	4.00 E	0.750 lb/ac	2WK								
11C	X-77	0.50 WA	0.500 %	2WK								
12A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	PRE	73	70	0	73	77	0	53	63
12B	ROUNDUP	4.00 E	0.750 lb/ac	PRE								
12C	X-77	0.50 WA	0.500 %	PRE								
13A	BROADSTRIKE PLUS	85.60 WP	0.260 lb/ac	2WK	67	63	0	67	73	0	47	63
13B	DUAL II	7.80 E	2.000 lb/ac	2WK								
13C	ROUNDUP	4.00 E	0.750 lb/ac	2WK								
13D	X-77	0.50 WA	0.500 %	2WK								
14A	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac	2WK	77	60	0	77	77	0	60	67
14B	DUAL II	7.80 E	2.000 lb/ac	2WK								
14C	ROUNDUP	4.00 E	0.750 lb/ac	2WK								
14D	X-77	0.50 WA	0.500 %	2WK								
15A	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac	PRE	70	60	0	70	73	0	53	67
15B	DUAL II	7.80 E	2.000 lb/ac	PRE								
15C	ROUNDUP	4.00 E	0.750 lb/ac	PRE								
15D	X-77	0.50 WA	0.500 %	PRE								
16A	BROADSTRIKE PLUS	85.60 WP	0.170 lb/ac	PRE	73	47	0	73	63	0	53	43
16B	DUAL II	7.80 E	2.000 lb/ac	PRE								
16C	ROUNDUP	4.00 E	0.750 lb/ac	PRE								
16D	X-77	0.50 WA	0.500 %	PRE								
17A	GUARDSMAN	5.00 SE	2.800 lb/ac	2WK	67	67	0	67	97	0	57	97
17B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
17C	X-77	0.50 WA	0.500 %	2WK								
18A	FRONTIER	7.50 L	1.400 lb/ac	2WK	67	100	0	67	100	0	47	100
18B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
18C	X-77	0.50 WA	0.500 %	2WK								
18D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
19A	FRONTIER	7.50 L	1.400 lb/ac	PRE	83	97	0	87	100	0	60	97
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
19C	X-77	0.50 WA	0.500 %	PRE								
19D	MARKSMAN	3.20 L	1.400 lb/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4006 NO-TILL CORN EARLY PRELANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--			8 WEEKS AFTER AP.				
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
20A	GUARDSMAN	5.00 SE	2.500 lb/ac	2WK	70	93	0	70	100	0	53	100
20B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
20C	X-77	0.50 WA	0.500 %	2WK								
20D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
21A	GUARDSMAN	5.00 SE	2.500 lb/ac	PRE	90	100	0	90	100	0	70	100
21B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
21C	X-77	0.50 WA	0.500 %	PRE								
21D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
22A	FRONTIER	7.50 L	1.400 lb/ac	2WK	67	100	0	67	100	0	50	97
22B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
22C	X-77	0.50 WA	0.500 %	2WK								
22D	CLARITY	4.00 S	0.500 lb/ac	MP								
22E	X-77	0.50 WA	0.250 %	MP								
22F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
23A	FRONTIER	7.50 L	1.400 lb/ac	PRE	53	97	0	53	100	0	33	100
23B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
23C	X-77	0.50 WA	0.500 %	PRE								
23D	CLARITY	4.00 S	0.500 lb/ac	MP								
23E	X-77	0.50 WA	0.250 %	MP								
23F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
24A	GUARDSMAN	5.00 SE	2.800 lb/ac	2WK	67	93	0	73	100	0	63	100
24B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
24C	X-77	0.50 WA	0.500 %	2WK								
24D	CLARITY	4.00 S	0.500 lb/ac	MP								
24E	X-77	0.50 WA	0.250 %	MP								
24F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								
25A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	67	97	0	67	100	0	43	100
25B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
25C	X-77	0.50 WA	0.500 %	PRE								
25D	CLARITY	4.00 S	0.500 lb/ac	MP								
25E	X-77	0.50 WA	0.250 %	MP								
25F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4006 NO-TILL CORN EARLY PRELANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--				8 WEEKS AFTER AP.			
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
26A	DUAL II	7.80 E	2.000 lb/ac	2WK	80	90	0	80	100	0	60	100
26B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
26C	X-77	0.50 WA	0.500 %	2WK								
26D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
27A	DUAL II	7.80 E	2.000 lb/ac	PRE	83	90	0	83	97	0	60	97
27B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
27C	X-77	0.50 WA	0.500 %	PRE								
27D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
28A	SURPASS	6.40 E	1.800 lb/ac	2WK	60	97	0	60	100	0	40	100
28B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
28C	X-77	0.50 WA	0.500 %	2WK								
28D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
29A	SURPASS	6.40 E	1.800 lb/ac	PRE	73	100	0	77	100	0	63	100
29B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
29C	X-77	0.50 WA	0.500 %	PRE								
29D	MARKSMAN	3.20 L	1.400 lb/ac	MP								
30A	ICIA 5676	3.20 CS	1.800 lb/ac	2WK	73	63	0	73	83	0	57	77
30B	AATREX	4.00 L	1.500 lb/ac	2WK								
30C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	2WK								
30D	X-77	0.50 WA	0.250 %	2WK								
31A	ICIA 5676	3.20 CS	2.400 lb/ac	2WK	53	77	0	53	90	0	37	90
31B	AATREX	4.00 L	1.500 lb/ac	2WK								
32A	ICIA 5676	3.20 CS	1.800 lb/ac	2WK	40	77	0	40	77	0	33	77
32B	AATREX	4.00 L	1.500 lb/ac	2WK								
32C	TOUCHDOWN	6.00 AQ	1.000 lb/ac	2WK								
33A	ICIA 5676	3.20 CS	2.400 lb/ac	2WK	53	83	0	53	90	0	33	90
33B	AATREX	4.00 L	1.500 lb/ac	2WK								
33C	TOUCHDOWN	6.00 AQ	1.000 lb/ac	2WK								
34A	ICIA 5676	3.20 CS	1.800 lb/ac	2WK	67	67	0	67	93	0	57	80
34B	AATREX	4.00 L	1.500 lb/ac	2WK								
34C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
34D	X-77	0.50 WA	0.500 %	2WK								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4006 NO-TILL CORN EARLY PRELANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEKS AFTER APPLICATION--				8 WEEKS AFTER AP.			
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CRIN	SETFA	AMACH
35A	ICIA 5676	3.20 CS	2.400 lb/ac	2WK	57	73	0	57	73	0	47	70
35B	AATREX	4.00 L	1.500 lb/ac	2WK								
35C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
35D	X-77	0.50 WA	0.500 %	2WK								
36A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	60	83	0	60	90	0	47	77
36B	AATREX	4.00 L	1.500 lb/ac	2WK								
36C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
36D	X-77	0.50 WA	0.500 %	2WK								
37A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	53	80	0	53	90	0	37	83
37B	BATTALION	15.00 DF	0.063 lb/ac	2WK								
37C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
37D	X-77	0.50 WA	0.500 %	2WK								
38A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	57	93	0	57	100	0	43	100
38B	AATREX	4.00 L	0.800 lb/ac	2WK								
38C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
38D	X-77	0.50 WA	0.500 %	2WK								
38E	PERMIT	75.00 DF	0.032 lb/ac	MP								
38F	X-77	0.50 WA	0.250 %	MP								
LSD(.05) :					17	25	NS	16	23	NS	19	22

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : 2WK APRIL 20
 PRE MAY 5
 MP JUNE 8

FIELD # 800

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4007 CORN NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPL.--			
					GGGGG	BBBBB	CRIN	SETFA	AMACH	CHEAL	CRIN	SETFA	AMACH	CHEAL
1A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	57	73	10	70	73	77	0	40	70	70
1B	BATTALION	15.00 DF	0.063 lb/ac	2WK										
1C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
1D	X-77	0.50 WA	0.500 %	2WK										
2A	HARNESS PLUS	7.00 E	2.500 lb/ac	2WK	57	90	10	57	90	90	0	43	87	87
2B	BATTALION	15.00 DF	0.063 lb/ac	2WK										
2C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
2D	X-77	0.50 WA	0.500 %	2WK										
3A	PARTNER	65.00 WDG	3.000 lb/ac	2WK	43	80	13	43	100	63	0	40	87	73
3B	BATTALION	15.00 DF	0.063 lb/ac	2WK										
3C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
3D	X-77	0.50 WA	0.500 %	2WK										
4A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	57	53	10	57	33	67	0	53	43	40
4B	AATREX	4.00 L	0.800 lb/ac	2WK										
4C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
4D	X-77	0.50 WA	0.500 %	2WK										
5A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	67	93	10	67	97	97	0	47	77	87
5B	AATREX	4.00 L	0.800 lb/ac	2WK										
5C	BATTALION	15.00 DF	0.047 lb/ac	2WK										
5D	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
5E	X-77	0.50 WA	0.500 %	2WK										
6A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	63	67	23	63	97	33	0	47	87	37
6B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
6C	X-77	0.50 WA	0.500 %	2WK										
6D	PERMIT	75.00 DF	0.032 lb/ac	MP										
6E	X-77	0.50 WA	0.250 %	MP										
7A	HARNESS PLUS	7.00 E	2.500 lb/ac	2WK	70	73	13	70	97	50	0	53	87	47
7B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
7C	X-77	0.50 WA	0.500 %	2WK										
7D	PERMIT	75.00 DF	0.032 lb/ac	MP										
7E	X-77	0.50 WA	0.250 %	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4007 CORN NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPL.--			
					GGGG	BBBB	CRIN	SETFA	AMACH	CHEAL	CRIN	SETFA	AMACH	CHEAL
8A	HARNESS PLUS	7.00 E	2.000 lb/ac	2WK	73	90	17	73	100	90	0	43	83	90
8B	AATREX	4.00 L	0.800 lb/ac	2WK										
8C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
8D	X-77	0.50 WA	0.500 %	2WK										
8E	PERMIT	75.00 DF	0.032 lb/ac	MP										
8F	X-77	0.50 WA	0.250 %	MP										
9A	MON 8412	6.00 F	1.750 lb/ac	2WK	40	63	10	40	40	87	0	37	43	87
9B	EXTRAZINE II	90.00 DF	2.000 lb/ac	2WK										
9C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
9D	X-77	0.50 WA	0.500 %	2WK										
10A	BULLET	4.00 L	4.000 lb/ac	2WK	47	100	13	47	100	100	0	30	83	93
10B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
10C	X-77	0.50 WA	0.500 %	2WK										
10D	PERMIT	75.00 DF	0.032 lb/ac	MP										
10E	X-77	0.50 WA	0.250 %	MP										
LSD(.05) :					9	30	NS	13	33	29	NS	17	23	33

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
 DATE TREATED : 2WK APRIL 20
 MP JUNE 5

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4011 SOYBEANS FREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGG	BBBB	CRIN	SETFA	XANST	SOLPT	PHBPU
1	SQUADRON	2.33 EC	0.870 lb/ac	PRE	90	90	0	90	100	100	90
2A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	80	77	0	80	73	97	70
2B	CANOPY	75.00 DF	0.375 lb/ac	PRE							
3A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	80	73	0	80	90	100	60
3B	CLASSIC	25.00 DF	0.004 lb/ac	MP							
3C	PINNACLE	25.00 DF	0.006 lb/ac	MP							
3D	X-77	0.50 WA	0.250 %	MP							
4A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	93	77	0	93	80	100	73
4B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
5A	COBRA	2.00 E	0.250 lb/ac	PRE	93	53	3	100	97	100	63
5B	COBRA	2.00 E	0.150 lb/ac	MP							
5C	SELECT	2.00 EC	0.094 lb/ac	MP							
5D	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
6A	COBRA	2.00 E	0.300 lb/ac	PRE	97	53	0	100	87	97	53
6B	COBRA	2.00 E	0.100 lb/ac	MP							
6C	SELECT	2.00 EC	0.094 lb/ac	MP							
6D	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
7	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	90	70	0	90	63	100	60
8A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	93	73	0	93	63	87	67
8B	REFLEX	2.00 LC	0.375 lb/ac	LP							
8C	HERBIMAX	0.00 AD	1.000 qt/ac	LP							
9A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	90	70	0	90	73	90	67
9B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
9C	REFLEX	2.00 LC	0.375 lb/ac	IFN							
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN							
10A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	87	80	0	87	77	97	70
10B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
10C	REFLEX	2.00 LC	0.375 lb/ac	IFN							
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN							
11A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	87	77	0	87	77	97	70
11B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4011 SOYBEANS PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	SOLPT	PHBPU
12A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	97	87	0	97	90	100	80
12B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
13A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	97	73	0	97	100	100	83
13B	PURSUIT	70.00 DF	0.063 lb/ac	MP							
13C	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
13D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	97	77	0	97	97	100	87
14B	PURSUIT	70.00 DF	0.063 lb/ac	MP							
14C	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
14D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
15A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	93	57	0	93	60	97	53
15B	SENCOR	75.00 DF	0.500 lb/ac	PRE							
16A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	90	57	0	90	50	90	57
16B	SENCOR	75.00 DF	0.500 lb/ac	PRE							
17A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	90	77	0	90	83	100	67
17B	STORM	4.00 E	0.750 lb/ac	MP							
17C	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	100	70	3	100	83	100	67
18B	STORM	4.00 E	0.750 lb/ac	MP							
18C	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
19A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	90	73	0	90	63	100	80
19B	F6285	75.00 DF	0.313 lb/ac	PRE							
20A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	93	70	0	93	63	100	70
20B	F6285	75.00 DF	0.375 lb/ac	PRE							
21A	DUAL	8.00 E	1.500 lb/ac	PRE	77	67	0	77	73	93	77
21B	F6285	75.00 DF	0.313 lb/ac	PRE							
22A	DUAL	8.00 E	1.500 lb/ac	PRE	80	63	0	80	63	97	83
22B	F6285	75.00 DF	0.375 lb/ac	PRE							
23A	DUAL	8.00 E	2.000 lb/ac	PRE	87	70	0	87	73	93	67
23B	CANOPY	75.00 DF	0.375 lb/ac	PRE							

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TABLE S4011 SOYBEANS PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	KANST	SOLPT	PHBPU
24A	DUAL	8.00 E	2.000 lb/ac	PRE	97	73	0	97	70	93	70
24B	LOROX PLUS	60.00 DF	0.600 lb/ac	PRE							
25A	DUAL	8.00 E	2.000 lb/ac	PRE	93	80	0	93	80	100	67
25B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
26A	F6285	75.00 DF	0.313 lb/ac	PRE	60	70	0	63	70	97	73
26B	SCEPTER	70.00 DG	0.063 lb/ac	PRE							
27A	F6285	75.00 DF	0.313 lb/ac	PRE	97	93	0	97	100	97	87
27B	SELECT	2.00 EC	0.094 lb/ac	MP							
27C	BASAGRAN	4.00 E	0.750 lb/ac	MP							
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
28A	COMMAND	4.00 EC	0.750 lb/ac	PRE	90	73	0	90	80	100	70
28B	SCEPTER	70.00 DG	0.093 lb/ac	PRE							
29A	COMMAND	4.00 EC	0.750 lb/ac	PRE	100	73	0	100	73	60	70
29B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
30A	COMMAND	4.00 EC	0.750 lb/ac	PRE	100	80	0	100	93	93	60
30B	REFLEX	2.00 LC	0.375 lb/ac	MP							
30C	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
31A	COMMAND	4.00 EC	0.750 lb/ac	PRE	90	77	0	93	100	100	63
31B	PURSUIT	70.00 DF	0.031 lb/ac	MP							
31C	COBRA	2.00 E	0.063 lb/ac	MP							
31D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
32A	CANOPY	75.00 DF	0.250 lb/ac	PRE	97	77	3	97	97	53	77
32B	CLASSIC	25.00 DF	0.033 lb/ac	MP							
32C	ASSURE II	0.80 E	0.055 lb/ac	MP							
32D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
33A	PROWL	3.30 EC	1.000 lb/ac	PRE	87	90	0	87	87	100	83
33B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
34	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100
			LSD(.05) :		12	13	3	12	16	9	15

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE PLANTED : MAY 11 DATE TREATED : PRE MAY 11
VARIETY : FLYER MP JUNE 5
LP JUNE 7
INF JULY 5

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4011 SOYBEANS PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	SOLFT	PHBPU
1	SQUADRON	2.33 EC	0.870 lb/ac	PRE	0	87	97	100	73
2A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	0	70	67	97	43
2B	CANOPY	75.00 DF	0.375 lb/ac	PRE					
3A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	0	77	87	97	43
3B	CLASSIC	25.00 DF	0.004 lb/ac	MP					
3C	PINNACLE	25.00 DF	0.006 lb/ac	MP					
3D	X-77	0.50 WA	0.250 %	MP					
4A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	0	80	70	97	50
4B	SCEPTER	70.00 DG	0.125 lb/ac	PRE					
5A	COBRA	2.00 E	0.250 lb/ac	PRE	0	97	93	100	50
5B	COBRA	2.00 E	0.150 lb/ac	MP					
5C	SELECT	2.00 EC	0.094 lb/ac	MP					
5D	SUN-IT II	0.00 AD	0.500 qt/ac	MP					
6A	COBRA	2.00 E	0.300 lb/ac	PRE	0	93	83	97	43
6B	COBRA	2.00 E	0.100 lb/ac	MP					
6C	SELECT	2.00 EC	0.094 lb/ac	MP					
6D	SUN-IT II	0.00 AD	0.500 qt/ac	MP					
7	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	87	57	100	47
8A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	90	80	100	73
8B	REFLEX	2.00 LC	0.375 lb/ac	LP					
8C	HERBIMAX	0.00 AD	1.000 qt/ac	LP					
9A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	80	93	100	80
9B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
9C	REFLEX	2.00 LC	0.375 lb/ac	IFN					
9D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN					
10A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	77	90	97	77
10B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
10C	REFLEX	2.00 LC	0.375 lb/ac	IFN					
10D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	IFN					
11A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	80	77	97	57
11B	SCEPTER	70.00 DG	0.125 lb/ac	PRE					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4011 SOYBEANS PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SEIFA	XANST	SOLPT	PHBPU
12A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	90	87	100	67
12B	SCEPTER	70.00 DG	0.125 lb/ac	PRE					
13A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	97	100	100	73
13B	PURSUIT	70.00 DF	0.063 lb/ac	MP					
13C	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
13D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP					
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	93	100	100	70
14B	PURSUIT	70.00 DF	0.063 lb/ac	MP					
14C	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
14D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP					
15A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	83	57	93	37
15B	SENCOR	75.00 DF	0.500 lb/ac	PRE					
16A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	90	37	90	43
16B	SENCOR	75.00 DF	0.500 lb/ac	PRE					
17A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	83	73	100	40
17B	STORM	4.00 E	0.750 lb/ac	MP					
17C	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	97	83	100	53
18B	STORM	4.00 E	0.750 lb/ac	MP					
18C	SUN-IT II	0.00 AD	0.750 qt/ac	MP					
19A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	90	53	100	70
19B	F6285	75.00 DF	0.313 lb/ac	PRE					
20A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	83	50	100	57
20B	F6285	75.00 DF	0.375 lb/ac	PRE					
21A	DUAL	8.00 E	1.500 lb/ac	PRE	0	70	67	93	63
21B	F6285	75.00 DF	0.313 lb/ac	PRE					
22A	DUAL	8.00 E	1.500 lb/ac	PRE	0	80	57	93	73
22B	F6285	75.00 DF	0.375 lb/ac	PRE					
23A	DUAL	8.00 E	2.000 lb/ac	PRE	0	80	67	90	50
23B	CANOPY	75.00 DF	0.375 lb/ac	PRE					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4011 SOYBEANS PREEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETPA	XANST	SOLPT	PHBPU
24A	DUAL	8.00 E	2.000 lb/ac	PRE	0	87	60	93	53
24B	LOROX PLUS	60.00 DF	0.600 lb/ac	PRE					
25A	DUAL	8.00 E	2.000 lb/ac	PRE	0	87	77	97	47
25B	SCEPTER	70.00 DG	0.125 lb/ac	PRE					
26A	F6285	75.00 DF	0.313 lb/ac	PRE	0	50	63	97	70
26B	SCEPTER	70.00 DG	0.063 lb/ac	PRE					
27A	F6285	75.00 DF	0.313 lb/ac	PRE	0	90	90	93	77
27B	SELECT	2.00 EC	0.094 lb/ac	MP					
27C	BASAGRAN	4.00 E	0.750 lb/ac	MP					
27D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
28A	COMMAND	4.00 EC	0.750 lb/ac	PRE	0	90	70	97	47
28B	SCEPTER	70.00 DG	0.093 lb/ac	PRE					
29A	COMMAND	4.00 EC	0.750 lb/ac	PRE	0	97	70	47	50
29B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
30A	COMMAND	4.00 EC	0.750 lb/ac	PRE	0	100	83	93	43
30B	REFLEX	2.00 LC	0.375 lb/ac	MP					
30C	SUN-IT II	0.00 AD	1.000 qt/ac	MP					
31A	COMMAND	4.00 EC	0.750 lb/ac	PRE	0	90	93	100	40
31B	PURSUIT	70.00 DF	0.031 lb/ac	MP					
31C	COBRA	2.00 E	0.063 lb/ac	MP					
31D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP					
32A	CANOPY	75.00 DF	0.250 lb/ac	PRE	0	90	93	40	43
32B	CLASSIC	25.00 DF	0.033 lb/ac	MP					
32C	ASSURE II	0.80 E	0.055 lb/ac	MP					
32D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
33A	PROWL	3.30 EC	1.000 lb/ac	PRE	0	83	80	100	63
33B	SCEPTER	70.00 DG	0.125 lb/ac	PRE					
34	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100
				LSD(.05) :	NS	13	21	9	18

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

SOIL TYPE : MAURY SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE TREATED : PRE MAY 11
MP JUNE 5
LP JUNE 7
INF JULY 5

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	KANST	PHBPU	SOLPT
1	SQUADRON	2.33 EC	0.870 lb/ac PPI		90	90	0	90	100	90	90	100
2	PROWL	3.30 EC	1.000 lb/ac PPI		83	43	0	83	77	37	80	43
3A	PROWL	3.30 EC	1.000 lb/ac PPI		90	90	0	90	100	90	80	97
3B	SCEPTER	70.00 DG	0.125 lb/ac PPI									
4	BROADSTRIKE TREFLAN	3.63 EC	1.030 lb/ac PPI		83	80	0	83	93	80	77	90
5A	BROADSTRIKE TREFLAN	3.63 EC	1.030 lb/ac PPI		77	90	10	77	100	90	80	93
5B	REFLEX	2.00 LC	0.375 lb/ac LP									
5C	SUN-IT II	0.00 AD	1.000 qt/ac LP									
6	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		77	67	0	77	93	73	53	90
7A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		87	90	10	87	100	90	80	97
7B	REFLEX	2.00 LC	0.375 lb/ac LP									
7C	SUN-IT II	0.00 AD	1.000 qt/ac LP									
8A	TREFLAN	4.00 E	0.750 lb/ac PPI		80	60	0	80	97	47	77	70
8B	F6285	75.00 DF	0.313 lb/ac PPI									
9A	TREFLAN	4.00 E	0.750 lb/ac PPI		70	53	0	70	80	37	77	70
9B	F6285	75.00 DF	0.375 lb/ac PPI									
10	TREFLAN	4.00 E	1.000 lb/ac PPI		87	47	0	87	80	30	73	40
11A	TREFLAN	4.00 E	1.000 lb/ac PPI		83	80	0	83	97	83	77	33
11B	CANOPY	75.00 DF	0.375 lb/ac PPI									
12A	TREFLAN	4.00 E	1.000 lb/ac PPI		97	90	0	97	97	90	90	93
12B	SCEPTER	70.00 DG	0.125 lb/ac PPI									
13A	TREFLAN	4.00 E	1.000 lb/ac PPI		87	83	0	87	97	80	83	97
13B	SCEPTER	70.00 DG	0.063 lb/ac PPI									
13C	SENCOR	75.00 DF	0.250 lb/ac PPI									
14A	F6285	75.00 DF	0.313 lb/ac PPI		80	70	0	80	93	60	80	87
14B	COMMAND	4.00 EC	0.750 lb/ac PPI									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	PHBPU	SOLPT
15A	COMMAND	4.00 EC	0.750 lb/ac	PPI	90	87	0	90	100	90	83	97
15B	SCEPTER	70.00 DG	0.093 lb/ac	PPI								
16A	COMMAND	4.00 EC	0.750 lb/ac	PPI	83	77	0	83	100	83	70	33
16B	CANOPY	75.00 DF	0.280 lb/ac	PPI								
17A	COMMAND	4.00 EC	0.750 lb/ac	PPI	97	87	0	97	93	93	73	100
17B	PURSUIT	70.00 DF	0.063 lb/ac	MP								
17C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
17D	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
18A	COMMAND	4.00 EC	0.750 lb/ac	PPI	87	77	7	87	67	97	70	97
18B	PURSUIT	70.00 DF	0.031 lb/ac	MP								
18C	COBRA	2.00 E	0.125 lb/ac	MP								
18D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
18E	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
19A	COMMAND	4.00 EC	0.750 lb/ac	PPI	90	70	7	90	80	83	67	87
19B	REFLEX	2.00 LC	0.375 lb/ac	MP								
19C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
20A	MICRO-TECH	4.00 MT	2.500 lb/ac	PPI	83	83	0	83	100	90	70	97
20B	SCEPTER	70.00 DG	0.125 lb/ac	PPI								
21A	MICRO-TECH	4.00 MT	2.500 lb/ac	PPI	73	83	0	73	100	87	73	77
21B	CANOPY	75.00 DF	0.375 lb/ac	PPI								
22A	SALUTE	4.00 EC	1.125 lb/ac	PPI	93	90	0	93	87	93	77	97
22B	PURSUIT	70.00 DF	0.063 lb/ac	MP								
22C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
22D	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
LSD(.05) :					11	12	3	11	18	13	16	15

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 3.40 %
 DATE TREATED : PPI MAY 11
 MP JUNE 5
 LP JUNE 7

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	XANST	PHBPU	SOLPT
1	SQUADRON	2.33 EC	0.870 lb/ac PPI		0	90	100	90	80	100
2	PROWL	3.30 EC	1.000 lb/ac PPI		0	80	73	37	63	43
3A	PROWL	3.30 EC	1.000 lb/ac PPI		0	87	100	90	73	97
3B	SCEPTER	70.00 DG	0.125 lb/ac PPI							
4	BROADSTRIKE TREFLAN	3.63 EC	1.030 lb/ac PPI		0	83	93	67	63	90
5A	BROADSTRIKE TREFLAN	3.63 EC	1.030 lb/ac PPI		10	70	100	83	60	93
5B	REFLEX	2.00 LC	0.375 lb/ac LP							
5C	SUN-IT II	0.00 AD	1.000 qt/ac LP							
6	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		0	73	93	53	50	90
7A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac PPI		10	73	100	90	60	97
7B	REFLEX	2.00 LC	0.375 lb/ac LP							
7C	SUN-IT II	0.00 AD	1.000 qt/ac LP							
8A	TREFLAN	4.00 E	0.750 lb/ac PPI		0	77	97	43	67	63
8B	F6285	75.00 DF	0.313 lb/ac PPI							
9A	TREFLAN	4.00 E	0.750 lb/ac PPI		0	67	80	37	63	70
9B	F6285	75.00 DF	0.375 lb/ac PPI							
10	TREFLAN	4.00 E	1.000 lb/ac PPI		0	87	80	30	63	40
11A	TREFLAN	4.00 E	1.000 lb/ac PPI		0	77	97	80	63	33
11B	CANOPY	75.00 DF	0.375 lb/ac PPI							
12A	TREFLAN	4.00 E	1.000 lb/ac PPI		0	93	97	73	73	93
12B	SCEPTER	70.00 DG	0.125 lb/ac PPI							
13A	TREFLAN	4.00 E	1.000 lb/ac PPI		0	87	97	70	73	97
13B	SCEPTER	70.00 DG	0.063 lb/ac PPI							
13C	SENCOR	75.00 DF	0.250 lb/ac PPI							
14A	F6285	75.00 DF	0.313 lb/ac PPI		0	73	93	50	73	87
14B	COMMAND	4.00 EC	0.750 lb/ac PPI							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4013 SOYBEAN PREPLANT INCORPORATED

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	XANST	PHBPU	SOLPT
15A	COMMAND	4.00 EC	0.750 lb/ac	PPI	0	80	100	77	67	97
15B	SCEPTER	70.00 DG	0.093 lb/ac	PPI						
16A	COMMAND	4.00 EC	0.750 lb/ac	PPI	0	77	100	73	47	33
16B	CANOPY	75.00 DF	0.280 lb/ac	PPI						
17A	COMMAND	4.00 EC	0.750 lb/ac	PPI	0	97	93	90	60	100
17B	PURSUIT	70.00 DF	0.063 lb/ac	MP						
17C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
17D	SUN-IT II	0.00 AD	0.750 qt/ac	MP						
18A	COMMAND	4.00 EC	0.750 lb/ac	PPI	7	83	63	90	60	97
18B	PURSUIT	70.00 DF	0.031 lb/ac	MP						
18C	COBRA	2.00 E	0.125 lb/ac	MP						
18D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
18E	SUN-IT II	0.00 AD	0.750 qt/ac	MP						
19A	COMMAND	4.00 EC	0.750 lb/ac	PPI	7	87	73	73	50	77
19B	REFLEX	2.00 LC	0.375 lb/ac	MP						
19C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
20A	MICRO-TECH	4.00 MT	2.500 lb/ac	PPI	0	70	100	77	60	97
20B	SCEPTER	70.00 DG	0.125 lb/ac	PPI						
21A	MICRO-TECH	4.00 MT	2.500 lb/ac	PPI	0	60	100	73	60	77
21B	CANOPY	75.00 DF	0.375 lb/ac	PPI						
22A	SALUTE	4.00 EC	1.125 lb/ac	PPI	0	93	87	83	70	97
22B	PURSUIT	70.00 DF	0.063 lb/ac	MP						
22C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP						
22D	SUN-IT II	0.00 AD	0.750 qt/ac	MP						
LSD(.05) :					3	13	18	17	17	14

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 3.40 %
 DATE TREATED : PPI MAY 11
 MP JUNE 5
 LP JUNE 7

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								--8 WEEKS AFTER APPLICATION--			
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	PHBPU	CRIN	SETFA	CHEAL	XANST	PHBPU
1A	AC 299,263	1.00 AS	0.024 lb/ac	EMP	83	70	0	83	60	83	43	0	83	57	83	43
1B	X-77	0.50 WA	0.250 %	EMP												
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
2A	AC 299,263	1.00 AS	0.032 lb/ac	EMP	93	77	0	93	67	87	60	0	93	67	80	60
2B	X-77	0.50 WA	0.250 %	EMP												
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
3A	AC 299,263	1.00 AS	0.040 lb/ac	EMP	90	80	0	90	73	93	60	0	90	67	87	53
3B	X-77	0.50 WA	0.250 %	EMP												
3C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
4A	PURSUIT	70.00 DF	0.048 lb/ac	EMP	73	60	0	73	47	90	53	0	73	47	90	53
4B	X-77	0.50 WA	0.250 %	EMP												
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
5A	PURSUIT	70.00 DF	0.063 lb/ac	EMP	90	63	0	90	47	90	70	0	90	47	90	67
5B	X-77	0.50 WA	0.250 %	EMP												
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
6A	PURSUIT	70.00 DF	0.063 lb/ac	EP	90	53	3	90	37	80	60	3	90	37	77	60
6B	X-77	0.50 WA	0.250 %	EP												
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP												
7A	PURSUIT	70.00 DF	0.063 lb/ac	EP	87	77	3	87	73	80	53	3	87	70	73	53
7B	PINNACLE	25.00 DF	0.002 lb/ac	EP												
7C	X-77	0.50 WA	0.250 %	EP												
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP												
8A	CLASSIC	25.00 DF	0.004 lb/ac	EP	40	63	0	40	63	83	50	0	40	60	73	50
8B	PINNACLE	25.00 DF	0.002 lb/ac	EP												
8C	X-77	0.50 WA	0.250 %	EP												
8D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP												
9A	SCEPTER	70.00 DG	0.125 lb/ac	EP	60	40	0	60	30	83	37	0	60	30	83	37
9B	CROP OIL	0.00 AD	1.000 qt/ac	EP												
10A	TORNADO	1.75 EC	0.440 lb/ac	EP	87	60	3	87	60	60	40	3	87	57	60	40
10B	CROP OIL	0.00 AD	1.000 qt/ac	EP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	PHBPU	CRIN	SETFA	CHEAL	XANST	PHBPU	
11A	BASAGRAN	4.00 E	0.750 lb/ac	EP	40	67	0	40	73	77	43	0	40	73	77	43	
11B	CROP OIL	0.00 AD	1.000 qt/ac	EP													
12A	STORM	4.00 E	0.750 lb/ac	EP	57	63	10	57	60	57	40	10	57	60	53	40	
12B	CROP OIL	0.00 AD	1.000 qt/ac	EP													
13A	DUAL	8.00 E	1.500 lb/ac	PRE	83	47	0	83	43	37	37	0	83	43	37	37	
13B	CGA 248757	5.00 WP	0.005 lb/ac	MP													
13C	AGRI-DEX	0.00 AD	1.000 qt/ac	MP													
14A	DUAL	8.00 E	1.500 lb/ac	PRE	100	83	3	100	77	100	60	3	100	70	100	57	
14B	CGA 248757	5.00 WP	0.003 lb/ac	MP													
14C	PURSUIT	70.00 DF	0.063 lb/ac	MP													
14D	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
14E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
15A	DUAL	8.00 E	1.500 lb/ac	PRE	93	77	0	93	70	100	57	0	93	67	97	57	
15B	CGA 248757	5.00 WP	0.004 lb/ac	MP													
15C	PURSUIT	70.00 DF	0.063 lb/ac	MP													
15D	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
15E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
16A	DUAL	8.00 E	1.500 lb/ac	PRE	87	37	0	87	40	30	37	0	83	40	30	37	
16B	CGA 248757	5.00 WP	0.005 lb/ac	MP													
17A	DUAL	8.00 E	1.500 lb/ac	PRE	90	70	0	90	57	90	67	0	90	53	87	63	
17B	PURSUIT	70.00 DF	0.063 lb/ac	MP													
17C	SUN-IT II	0.00 AD	0.750 qt/ac	MP													
17D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP													
18A	COBRA	2.00 E	0.150 lb/ac	EP	90	40	10	90	27	97	33	10	90	27	93	43	
18B	SUN-IT II	0.00 AD	0.500 qt/ac	EP													
18C	COBRA	2.00 E	0.200 lb/ac	MP													
18D	SELECT	2.00 EC	0.094 lb/ac	MP													
18E	SUN-IT II	0.00 AD	0.500 qt/ac	MP													
19A	COBRA	2.00 E	0.125 lb/ac	MP	97	43	7	97	33	87	37	7	97	33	83	37	
19B	SELECT	2.00 EC	0.094 lb/ac	MP													
19C	SUN-IT II	0.00 AD	0.500 qt/ac	MP													

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	PHBPU	CRIN	SETFA	CHEAL	XANST	PHBPU
20A	COBRA	2.00 E	0.150 lb/ac	MP	93	53	13	93	47	90	40	13	93	47	87	47
20B	SELECT	2.00 EC	0.094 lb/ac	MP												
20C	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
21A	COBRA	2.00 E	0.125 lb/ac	MP	93	67	17	93	47	97	70	17	93	43	97	70
21B	PURSUIT	70.00 DF	0.063 lb/ac	MP												
21C	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
21D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
21E	SELECT	2.00 EC	0.094 lb/ac	LP												
21F	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
22A	COBRA	2.00 E	0.125 lb/ac	MP	97	57	17	97	40	97	57	13	97	40	97	63
22B	CLASSIC	25.00 DF	0.006 lb/ac	MP												
22C	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
22D	SELECT	2.00 EC	0.094 lb/ac	LP												
22E	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
23A	COBRA	2.00 E	0.125 lb/ac	MP	100	73	10	100	63	100	43	10	100	57	100	40
23B	BASAGRAN	4.00 E	0.500 lb/ac	MP												
23C	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
23D	SELECT	2.00 EC	0.094 lb/ac	LP												
23E	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
24A	PURSUIT	70.00 DF	0.063 lb/ac	MP	100	60	3	100	40	97	73	3	100	40	90	77
24B	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
24C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
24D	SELECT	2.00 EC	0.094 lb/ac	LP												
24E	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
25A	CLASSIC	25.00 DF	0.012 lb/ac	MP	93	43	10	93	27	97	60	10	93	27	97	67
25B	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
25C	SELECT	2.00 EC	0.094 lb/ac	LP												
25D	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
26A	BASAGRAN	4.00 E	0.750 lb/ac	MP	97	67	0	97	70	93	33	0	97	63	83	33
26B	SUN-IT II	0.00 AD	0.500 qt/ac	MP												
26C	SELECT	2.00 EC	0.094 lb/ac	LP												
26D	SUN-IT II	0.00 AD	1.000 qt/ac	LP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	PHBPU	CRIN	SETFA	CHEAL	XANST	PHBPU
27A	COBRA	2.00 E	0.125 lb/ac	MP	100	53	10	100	43	97	33	10	100	43	97	33
27B	BASAGRAN	4.00 E	0.500 lb/ac	MP												
27C	PINNACLE	25.00 DF	0.002 lb/ac	MP												
27D	SELECT	2.00 EC	0.094 lb/ac	LP												
27E	SUN-IT II	0.00 AD	0.500 qt/ac	LP												
27F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
28A	RESOURCE	0.86 EC	0.027 lb/ac	LP	83	63	13	83	43	87	80	13	83	43	87	80
28B	PURSUIT	70.00 DF	0.063 lb/ac	LP												
28C	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
28D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
29A	RESOURCE	0.86 EC	0.034 lb/ac	LP	73	70	13	73	60	97	77	13	73	57	93	77
29B	PURSUIT	70.00 DF	0.063 lb/ac	LP												
29C	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
29D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
30A	RESOURCE	0.86 EC	0.004 lb/ac	LP	97	57	10	97	43	90	80	10	97	43	90	80
30B	PURSUIT	70.00 DF	0.063 lb/ac	LP												
30C	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
30D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
31A	PURSUIT	70.00 DF	0.063 lb/ac	LP	90	70	0	90	53	90	80	0	90	53	90	80
31B	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
31C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
32A	PURSUIT	70.00 DF	0.063 lb/ac	LP	80	77	3	80	70	90	77	3	80	67	90	77
32B	PINNACLE	25.00 DF	0.002 lb/ac	LP												
32C	X-77	0.50 WA	0.250 %	LP												
32D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
33A	PURSUIT	70.00 DF	0.063 lb/ac	LP	73	77	3	73	70	90	73	3	73	67	90	73
33B	PINNACLE	25.00 DF	0.004 lb/ac	LP												
33C	X-77	0.50 WA	0.250 %	LP												
33D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												
34A	RESOURCE	0.86 EC	0.027 lb/ac	LP	47	53	13	47	47	43	50	13	47	47	43	50
34B	BASAGRAN	4.00 E	1.000 lb/ac	LP												
34C	SUN-IT II	0.00 AD	1.000 qt/ac	LP												
34D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP												

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TABLE S4014 SOYBEAN POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	XANST	PHBPU	CRIN	SETFA	CHEAL	XANST	PHBPU
35A	RESOURCE	0.86 EC	0.027 lb/ac LP		47	47	10	47	43	50	57	10	47	43	50	57
35B	SUN-IT II	0.00 AD	1.000 qt/ac LP													
35C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac LP													
36A	RESOURCE	0.86 EC	0.034 lb/ac LP		47	50	10	47	43	50	67	10	47	43	50	67
36B	SUN-IT II	0.00 AD	1.000 qt/ac LP													
36C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac LP													
37A	RESOURCE	0.86 EC	0.040 lb/ac LP		50	57	17	50	50	63	67	17	50	50	60	67
37B	SUN-IT II	0.00 AD	1.000 qt/ac LP													
37C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac LP													
38	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
			LSD(.05) :		12	14	7	12	14	15	19	7	12	14	17	20

100

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 EP MAY 31
 EMP JUNE 1
 MP JUNE 3
 LP JUNE 8

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHEPU
1A	FUSION	2.66 EC	0.125 lb/ac	EP	93	60	0	93	80	67	60
1B	SUN-IT II	0.00 AD	1.000 qt/ac	EP							
1C	REFLEX	2.00 LC	0.375 lb/ac	+3D							
1D	SUN-IT II	0.00 AD	1.000 qt/ac	+3D							
2A	FUSION	2.66 EC	0.166 lb/ac	EP	87	63	0	87	77	60	60
2B	SUN-IT II	0.00 AD	1.000 qt/ac	EP							
2C	REFLEX	2.00 LC	0.375 lb/ac	+3D							
2D	SUN-IT II	0.00 AD	1.000 qt/ac	+3D							
3A	FUSION	2.66 EC	0.125 lb/ac	EP	87	63	0	87	77	67	57
3B	REFLEX	2.00 LC	0.375 lb/ac	EP							
3C	SUN-IT II	0.00 AD	1.000 qt/ac	EP							
4A	FUSION	2.66 EC	0.166 lb/ac	EP	87	60	0	87	70	63	53
4B	REFLEX	2.00 LC	0.375 lb/ac	EP							
4C	SUN-IT II	0.00 AD	1.000 qt/ac	EP							
5A	DUAL	8.00 E	2.000 lb/ac	PRE	87	60	0	87	60	60	70
5B	REFLEX	2.00 LC	0.375 lb/ac	LP							
5C	HERBIMAX	0.00 AD	1.000 qt/ac	LP							
6A	DUAL	8.00 E	2.000 lb/ac	PRE	87	87	3	87	93	83	87
6B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP							
7A	DUAL	8.00 E	2.000 lb/ac	PRE	90	67	0	93	73	80	57
7B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
7C	TORNADO	1.75 EC	0.438 lb/ac	MP							
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
8A	DUAL	8.00 E	2.000 lb/ac	PRE	93	73	0	93	83	87	60
8B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
8C	TYPHOON	1.41 SL	0.564 lb/ac	MP							
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
9A	DUAL	8.00 E	2.000 lb/ac	PRE	93	87	7	93	97	83	77
9B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP							
9C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	LP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETPA	XANST	CHEAL	PHBPU
10A	DUAL	8.00 E	2.000 lb/ac	PRE	97	83	0	97	97	70	73
10B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP							
10C	BASAGRAN	4.00 E	0.250 lb/ac	LP							
11A	DUAL	8.00 E	2.000 lb/ac	PRE	87	57	3	87	57	77	60
11B	REFLEX	2.00 LC	0.375 lb/ac	LP							
11C	PINNACLE	25.00 DF	0.004 lb/ac	LP							
11D	X-77	0.50 WA	0.250 %	LP							
12A	PURSUIT	70.00 DF	0.063 lb/ac	EP	83	57	0	83	77	60	63
12B	PINNACLE	25.00 DF	0.002 lb/ac	EP							
12C	MAGNUM 90	0.00 WA	0.250 %	EP							
12D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP							
13A	PURSUIT	70.00 DF	0.063 lb/ac	EP	87	53	0	90	73	47	60
13B	MAGNUM 90	0.00 WA	0.250 %	EP							
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP							
14A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	63	0	87	93	57	73
14B	K2000	0.00 AD	1.000 qt/ac	MP							
15A	GALAXY	3.67 E	0.750 lb/ac	MP	47	80	0	47	90	87	67
15B	K2000	0.00 AD	1.000 qt/ac	MP							
16A	SELECT	2.00 EC	0.125 lb/ac	MP	90	70	0	93	90	93	57
16B	GALAXY	3.67 E	0.920 lb/ac	MP							
16C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
16D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP							
17A	SELECT	2.00 EC	0.125 lb/ac	MP	93	57	0	93	97	50	70
17B	COBRA	2.00 E	0.100 lb/ac	MP							
17C	CLASSIC	25.00 DF	0.012 lb/ac	MP							
17D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
17E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP							
18A	SELECT	2.00 EC	0.125 lb/ac	MP	93	77	0	93	90	87	60
18B	COBRA	2.00 E	0.125 lb/ac	MP							
18C	BASAGRAN	4.00 E	0.750 lb/ac	MP							
18D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP							
18E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU
19A	CONCLUDE	5.53 E	1.037 lb/ac	MP	90	57	0	90	90	67	53
19B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP							
20A	POAST	1.53 EC	0.287 lb/ac	MP	93	63	3	93	90	67	57
20B	BASAGRAN	4.00 E	0.500 lb/ac	MP							
20C	BLAZER	2.00 L	0.250 lb/ac	MP							
20D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP							
21A	POAST PLUS	1.00 E	0.287 lb/ac	MP	97	73	0	97	83	83	57
21B	GALAXY	3.67 E	0.750 lb/ac	MP							
21C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
22A	PURSUIT	70.00 DF	0.063 lb/ac	MP	90	67	0	93	90	53	73
22B	RIVERSIDE METH OIL	0.00 AD	0.750 qt/ac	MP							
23A	BUGLE	0.79 E	0.120 lb/ac	MP	97	63	3	97	80	60	67
23B	HERBIMAX	0.00 AD	1.000 qt/ac	MP							
23C	REFLEX	2.00 LC	0.375 lb/ac	+7D							
23D	SUN-IT II	0.00 AD	1.000 qt/ac	+7D							
24A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	90	73	3	90	77	100	60
24B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
24C	TORNADO	1.75 EC	0.438 lb/ac	MP							
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
25A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	93	77	3	93	73	100	70
25B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
25C	TYPHOON	1.41 SL	0.564 lb/ac	MP							
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
26A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	70	70	0	70	83	97	60
26B	CLASSIC	25.00 DF	0.004 lb/ac	MP							
26C	PINNACLE	25.00 DF	0.004 lb/ac	MP							
26D	X-77	0.50 WA	0.250 $\frac{1}{2}$	MP							
27A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	73	70	0	73	87	73	63
27B	CLASSIC	25.00 DF	0.012 lb/ac	MP							
27C	X-77	0.50 WA	0.250 $\frac{1}{2}$	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU
28A	ASSURE II	0.80 E	0.055 lb/ac	MP	100	50	0	100	100	47	73
28B	CLASSIC	25.00 DF	0.012 lb/ac	MP							
28C	X-77	0.50 WA	0.250 %	MP							
29A	ASSURE II	0.80 E	0.055 lb/ac	MP	97	53	0	97	93	63	60
29B	CLASSIC	25.00 DF	0.004 lb/ac	MP							
29C	PINNACLE	25.00 DF	0.004 lb/ac	MP							
29D	X-77	0.50 WA	0.250 %	MP							
30A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	73	70	0	73	63	100	70
30B	LOROX PLUS	60.00 DF	0.313 lb/ac	PRE							
30C	CLASSIC	25.00 DF	0.004 lb/ac	MP							
30D	PINNACLE	25.00 DF	0.004 lb/ac	MP							
30E	X-77	0.50 WA	0.250 %	MP							
LSD(.05) :					14	9	5	14	16	16	10

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

SOIL TYPE : MAURY SITL LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 EP MAY 31
 +3D JUNE 3
 MP JUNE 3
 +7D JUNE 8
 LP JUNE 8

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	CHEAL	PHBPU
1A	FUSION	2.66 EC	0.125 lb/ac	EP	0	93	80	53	50
1B	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
1C	REFLEX	2.00 LC	0.375 lb/ac	+3D					
1D	SUN-IT II	0.00 AD	1.000 qt/ac	+3D					
2A	FUSION	2.66 EC	0.166 lb/ac	EP	0	83	73	57	43
2B	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
2C	REFLEX	2.00 LC	0.375 lb/ac	+3D					
2D	SUN-IT II	0.00 AD	1.000 qt/ac	+3D					
3A	FUSION	2.66 EC	0.125 lb/ac	EP	0	87	73	60	47
3B	REFLEX	2.00 LC	0.375 lb/ac	EP					
3C	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
4A	FUSION	2.66 EC	0.166 lb/ac	EP	0	80	67	57	40
4B	REFLEX	2.00 LC	0.375 lb/ac	EP					
4C	SUN-IT II	0.00 AD	1.000 qt/ac	EP					
5A	DUAL	8.00 E	2.000 lb/ac	PRE	0	87	60	47	60
5B	REFLEX	2.00 LC	0.375 lb/ac	LP					
5C	HERBIMAX	0.00 AD	1.000 qt/ac	LP					
6A	DUAL	8.00 E	2.000 lb/ac	PRE	0	83	90	80	53
6B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP					
7A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	73	73	40
7B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
7C	TORNADO	1.75 EC	0.438 lb/ac	MP					
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
8A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	80	80	43
8B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
8C	TYPHOON	1.41 SL	0.564 lb/ac	MP					
8D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
9A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	93	77	47
9B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP					
9C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	LP					

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TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	CHEAL	PHBPU
10A	DUAL	8.00 E	2.000 lb/ac	PRE	0	90	93	60	37
10B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP					
10C	BASAGRAN	4.00 E	0.250 lb/ac	LP					
11A	DUAL	8.00 E	2.000 lb/ac	PRE	0	87	50	70	50
11B	REFLEX	2.00 LC	0.375 lb/ac	LP					
11C	PINNACLE	25.00 DF	0.004 lb/ac	LP					
11D	X-77	0.50 WA	0.250 ‡	LP					
12A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	83	77	50	50
12B	PINNACLE	25.00 DF	0.002 lb/ac	EP					
12C	MAGNUM 90	0.00 WA	0.250 ‡	EP					
12D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
13A	PURSUIT	70.00 DF	0.063 lb/ac	EP	0	90	77	37	53
13B	MAGNUM 90	0.00 WA	0.250 ‡	EP					
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP					
14A	PURSUIT	70.00 DF	0.063 lb/ac	MP	0	87	90	50	63
14B	K2000	0.00 AD	1.000 qt/ac	MP					
15A	GALAXY	3.67 E	0.750 lb/ac	MP	0	30	83	87	63
15B	K2000	0.00 AD	1.000 qt/ac	MP					
16A	SELECT	2.00 EC	0.125 lb/ac	MP	0	87	90	80	37
16B	GALAXY	3.67 E	0.920 lb/ac	MP					
16C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP					
16D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP					
17A	SELECT	2.00 EC	0.125 lb/ac	MP	0	93	93	40	57
17B	COBRA	2.00 E	0.100 lb/ac	MP					
17C	CLASSIC	25.00 DF	0.012 lb/ac	MP					
17D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP					
17E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP					
18A	SELECT	2.00 EC	0.125 lb/ac	MP	0	80	93	80	40
18B	COBRA	2.00 E	0.125 lb/ac	MP					
18C	BASAGRAN	4.00 E	0.750 lb/ac	MP					
18D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP					
18E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP					

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TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	KANST	CHEAL	PHEPU
19A	CONCLUDE	5.53 E	1.037 lb/ac	MP	0	90	83	63	33
19B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP					
20A	POAST	1.53 EC	0.287 lb/ac	MP	0	90	87	67	40
20B	BASAGRAN	4.00 E	0.500 lb/ac	MP					
20C	BLAZER	2.00 L	0.250 lb/ac	MP					
20D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP					
21A	POAST PLUS	1.00 E	0.287 lb/ac	MP	0	83	70	80	40
21B	GALAXY	3.67 E	0.750 lb/ac	MP					
21C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
22A	PURSUIT	70.00 DF	0.063 lb/ac	MP	0	87	83	40	67
22B	RIVERSIDE METH OIL	0.00 AD	0.750 qt/ac	MP					
23A	BUGLE	0.79 E	0.120 lb/ac	MP	0	93	67	47	50
23B	HERBIMAX	0.00 AD	1.000 qt/ac	MP					
23C	REFLEX	2.00 LC	0.375 lb/ac	+7D					
23D	SUN-IT II	0.00 AD	1.000 qt/ac	+7D					
24A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	87	63	97	37
24B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
24C	TORNADO	1.75 EC	0.438 lb/ac	MP					
24D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
25A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	87	67	100	50
25B	CANOPY	75.00 DF	0.280 lb/ac	PRE					
25C	TYPHOON	1.41 SL	0.564 lb/ac	MP					
25D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP					
26A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	0	60	77	93	40
26B	CLASSIC	25.00 DF	0.004 lb/ac	MP					
26C	PINNACLE	25.00 DF	0.004 lb/ac	MP					
26D	X-77	0.50 WA	0.250 %	MP					
27A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	0	73	83	73	47
27B	CLASSIC	25.00 DF	0.012 lb/ac	MP					
27C	X-77	0.50 WA	0.250 %	MP					

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TABLE S4015 SOYBEAN POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPLICATION--				
					CRIN	SETFA	XANST	CHEAL	PHEPU
28A	ASSURE II	0.80 E	0.055 lb/ac	MP	0	97	100	37	67
28B	CLASSIC	25.00 DF	0.012 lb/ac	MP					
28C	X-77	0.50 WA	0.250 %	MP					
29A	ASSURE II	0.80 E	0.055 lb/ac	MP	0	90	90	53	43
29B	CLASSIC	25.00 DF	0.004 lb/ac	MP					
29C	PINNACLE	25.00 DF	0.004 lb/ac	MP					
29D	X-77	0.50 WA	0.250 %	MP					
30A	MICRO-TECH	4.00 MT	2.500 lb/ac	PRE	0	63	60	100	53
30B	LOROX PLUS	60.00 DF	0.313 lb/ac	PRE					
30C	CLASSIC	25.00 DF	0.004 lb/ac	MP					
30D	PINNACLE	25.00 DF	0.004 lb/ac	MP					
30E	X-77	0.50 WA	0.250 %	MP					
LSD(.05) :					NS	13	16	17	15

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

SOIL TYPE : MAURY SITL LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 11
 EP MAY 31
 +3D JUNE 3
 MP JUNE 3
 +7D JUNE 8
 LP JUNE 8

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4023 SOYBEAN POSTEMERNGECE III (STS)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHEPU	SOLPT
1A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	97	90	10	97	100	83	77	30
1B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
1C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
1D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
2A	DPX-KU253	42.00 DF	0.020 lb/ac	EP	97	90	7	97	100	90	80	30
2B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
2C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
2D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
3A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	100	90	0	100	100	90	70	33
3B	ASSURE II	0.80 E	0.055 lb/ac	EP								
3C	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
4A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	97	90	0	97	100	90	70	33
4B	POAST PLUS	1.00 E	0.188 lb/ac	EP								
4C	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
4D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
5A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	100	83	7	100	100	70	67	30
5B	MAGNUM 90	0.00 WA	1.000 %	EP								
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
5D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
6A	DPX-KU253	42.00 DF	0.020 lb/ac	EP	100	60	7	100	100	40	77	30
6B	MAGNUM 90	0.00 WA	1.000 %	EP								
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
6D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
7A	CLASSIC	25.00 DF	0.008 lb/ac	EP	100	57	7	100	100	37	73	30
7B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
7D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
8A	CONCERT	25.00 DF	0.008 lb/ac	EP	100	80	10	100	100	83	67	30
8B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
8D	ASSURE II	0.80 E	0.055 lb/ac	+7D								

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TABLE S4023 SOYBEAN POSTEMERGE III (STS)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT
9A	CONCERT	25.00 DF	0.010 lb/ac	EP	100	90	7	100	100	90	70	30
9B	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
9D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
10A	CONCERT	25.00 DF	0.008 lb/ac	EP	97	87	0	97	93	93	63	30
10B	ASSURE II	0.80 E	0.055 lb/ac	EP								
10C	SUN-IT II	0.00 AD	1.000 qt/ac	EP								
10D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
11A	CONCERT	25.00 DF	0.008 lb/ac	EP	100	83	7	100	100	80	63	37
11B	MAGNUM 90	0.00 WA	1.000 qt/ac	EP								
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
11D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
12A	CONCERT	25.00 DF	0.010 lb/ac	EP	97	87	10	97	100	83	67	30
12B	MAGNUM 90	0.00 WA	1.000 qt/ac	EP								
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
12D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
13A	PURSUIT	70.00 DF	0.063 lb/ac	EP	100	80	10	100	100	63	87	47
13B	SUN-IT II	0.00 AD	1.500 qt/ac	EP								
13C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
13D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
14A	PURSUIT	70.00 DF	0.063 lb/ac	EP	100	70	10	100	100	57	77	33
14B	MAGNUM 90	0.00 WA	1.000 qt/ac	EP								
14C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP								
14D	ASSURE II	0.80 E	0.055 lb/ac	+7D								
15A	GALAXY	3.67 E	0.919 lb/ac	EP	100	80	7	100	100	93	47	57
15B	POAST PLUS	1.00 E	0.188 lb/ac	EP								
15C	KINETIC	0.00 WA	0.125 qt/ac	EP								
16	CHECK (CULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	100
			LSD (.05) :		NS	10	6	NS	5	13	13	29

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE PLANTED : MAY 11 DATE TREATED : EP JUNE 3
VARIETY : DSR-350 STS +7D JUNE 10

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4023 SOYBEAN POSTEMERNGECE III (STS)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	KANST	CHEAL	PHBPU	SOLPT
1A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	10	93	87	73	60	30
1B	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
1C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
1D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
2A	DPX-KU253	42.00 DF	0.020 lb/ac	EP	7	90	97	90	60	30
2B	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
2C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
2D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
3A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	0	90	90	83	60	33
3B	ASSURE II	0.80 E	0.055 lb/ac	EP						
3C	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
3D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
4A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	0	93	93	93	63	33
4B	POAST PLUS	1.00 E	0.188 lb/ac	EP						
4C	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
4D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
5A	DPX-KU253	42.00 DF	0.013 lb/ac	EP	7	93	90	73	57	30
5B	MAGNUM 90	0.00 WA	1.000 %	EP						
5C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
5D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
6A	DPX-KU253	42.00 DF	0.020 lb/ac	EP	7	97	97	40	73	30
6B	MAGNUM 90	0.00 WA	1.000 %	EP						
6C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
6D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
7A	CLASSIC	25.00 DF	0.008 lb/ac	EP	7	100	97	37	60	30
7B	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
7D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
8A	CONCERT	25.00 DF	0.008 lb/ac	EP	10	100	83	80	57	30
8B	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
8C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
8D	ASSURE II	0.80 E	0.055 lb/ac	+7D						

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TABLE S4023 SOYBEAN POSTEMERNGECE III (STS)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	XANST	CHEAL	PHBPU	SOLPT
9A	CONCERT	25.00 DF	0.010 lb/ac	EP	3	90	87	87	60	30
9B	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
9C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
9D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
10A	CONCERT	25.00 DF	0.008 lb/ac	EP	0	90	77	90	57	30
10B	ASSURE II	0.80 E	0.055 lb/ac	EP						
10C	SUN-IT II	0.00 AD	1.000 qt/ac	EP						
10D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
11A	CONCERT	25.00 DF	0.008 lb/ac	EP	7	100	93	73	50	30
11B	MAGNUM 90	0.00 WA	1.000 %	EP						
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
11D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
12A	CONCERT	25.00 DF	0.010 lb/ac	EP	10	93	90	80	57	30
12B	MAGNUM 90	0.00 WA	1.000 %	EP						
12C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
12D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
13A	PURSUIT	70.00 DF	0.063 lb/ac	EP	10	100	93	57	77	60
13B	SUN-IT II	0.00 AD	1.500 qt/ac	EP						
13C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
13D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
14A	PURSUIT	70.00 DF	0.063 lb/ac	EP	10	97	93	50	70	37
14B	MAGNUM 90	0.00 WA	1.000 %	EP						
14C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP						
14D	ASSURE II	0.80 E	0.055 lb/ac	+7D						
15A	GALAXY	3.67 E	0.919 lb/ac	EP	7	87	87	87	47	50
15B	POAST PLUS	1.00 E	0.188 lb/ac	EP						
15C	KINETIC	0.00 WA	0.125 %	EP						
16	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	100	100	100	100
				LSD(.05) :	6	8	11	14	13	28

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE PLANTED : MAY 11 DATE TREATED : EP JUNE 3
VARIETY : DSR-350 STS +7D JUNE 10

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4025 SOYBEAN POSTEMERGENCE IV GIANT FOXTAIL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SETFA	CRIN	SETFA
1A	SELECT	2.00 EC	0.094 lb/ac 6"		10	90	0	97
1B	SUN-IT II	0.00 AD	1.000 qt/ac 6"					
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac 6"					
2A	SELECT	2.00 EC	0.094 lb/ac 6"		23	100	0	83
2B	BASAGRAN	4.00 E	0.500 lb/ac 6"					
2C	COBRA	2.00 E	0.125 lb/ac 6"					
2D	SUN-IT II	0.00 AD	0.500 qt/ac 6"					
2E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac 6"					
3A	SELECT	2.00 EC	0.094 lb/ac 6"		17	90	3	90
3B	CLASSIC	25.00 DF	0.008 lb/ac 6"					
3C	COBRA	2.00 E	0.125 lb/ac 6"					
3D	SUN-IT II	0.00 AD	0.500 qt/ac 6"					
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac 6"					
4A	SELECT	2.00 EC	0.094 lb/ac 6"		20	97	7	77
4B	PURSUIT	70.00 DF	0.063 lb/ac 6"					
4C	COBRA	2.00 E	0.125 lb/ac 6"					
4D	SUN-IT II	0.00 AD	1.000 qt/ac 6"					
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac 6"					
5A	SELECT	2.00 EC	0.094 lb/ac 6"		20	100	3	90
5B	STORM	4.00 E	0.750 lb/ac 6"					
5C	SUN-IT II	0.00 AD	0.500 qt/ac 6"					
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac 6"					
6A	SELECT	2.00 EC	0.125 lb/ac 6"		7	93	0	100
6B	GALAXY	3.67 E	0.900 lb/ac 6"					
6C	SUN-IT II	0.00 AD	0.500 qt/ac 6"					
6D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac 6"					
7A	SELECT	2.00 EC	0.094 lb/ac 6"		10	93	0	97
7B	SUN-IT II	0.00 AD	1.000 qt/ac 6"					
8A	V-10016	0.00 GEL	0.094 lb/ac 6"		10	97	0	100
8B	SUN-IT II	0.00 AD	1.000 qt/ac 6"					
9A	SELECT	2.00 EC	0.094 lb/ac 6"		7	87	0	63
9B	PURSUIT	70.00 DF	0.063 lb/ac 6"					
9C	SUN-IT II	0.00 AD	1.000 qt/ac 6"					

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4025 SOYBEAN POSTEMERGENCE IV GIANT FOXTAIL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SETFA	CRIN	SETFA
10A	V-10016	0.00 GEL	0.094 lb/ac	6"	40	90	23	67
10B	PURSUIT	70.00 DF	0.063 lb/ac	6"				
10C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
11A	SELECT	2.00 EC	0.094 lb/ac	6"	3	87	0	90
11B	BASAGRAN	4.00 E	0.500 lb/ac	6"				
11C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
12A	SELECT	2.00 EC	0.125 lb/ac	6"	10	93	0	97
12B	BASAGRAN	4.00 E	0.500 lb/ac	6"				
12C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
13A	V-10016	0.00 GEL	0.094 lb/ac	6"	13	90	0	90
13B	BASAGRAN	4.00 E	0.500 lb/ac	6"				
13C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
14A	V-10016	0.00 GEL	0.125 lb/ac	6"	10	87	0	97
14B	BASAGRAN	4.00 E	0.500 lb/ac	6"				
14C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
15A	SELECT	2.00 EC	0.094 lb/ac	6"	10	87	0	87
15B	CLASSIC	25.00 DF	0.008 lb/ac	6"				
15C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
16A	SELECT	2.00 EC	0.125 lb/ac	6"	10	87	3	90
16B	CLASSIC	25.00 DF	0.008 lb/ac	6"				
16C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
17A	V-10016	0.00 GEL	0.094 lb/ac	6"	10	97	0	97
17B	CLASSIC	25.00 DF	0.008 lb/ac	6"				
17C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				
18A	V-10016	0.00 GEL	0.125 lb/ac	6"	17	97	7	100
18B	CLASSIC	25.00 DF	0.008 lb/ac	6"				
18C	SUN-IT II	0.00 AD	1.000 qt/ac	6"				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4025 SOYBEAN POSTEMERGENCE IV GIANT FOXTAIL

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SETFA	CRIN	SETFA
19A	SELECT	2.00 EC	0.063 lb/ac	3"	13	97	13	93
19B	SUN-IT II	0.00 AD	1.000 qt/ac	3"				
19C	COBRA	2.00 E	0.125 lb/ac	+2W				
19D	PINNACLE	25.00 DF	0.002 lb/ac	+2W				
19E	SUN-IT II	0.00 AD	0.500 qt/ac	+2W				
19F	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	+2W				
20A	SELECT	2.00 EC	0.078 lb/ac	3"	7	97	20	93
20B	SUN-IT II	0.00 AD	1.000 qt/ac	3"				
20C	COBRA	2.00 E	0.125 lb/ac	+2W				
20D	PINNACLE	25.00 DF	0.002 lb/ac	+2W				
20E	SUN-IT II	0.00 AD	0.500 qt/ac	+2W				
20F	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	+2W				
21	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	0	100
22	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	0	100
LSD(.05) :					9	NS	8	25

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : 3" JUNE 5
 6" JUNE 7
 +2W JUNE 21

FIELD # 450

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4033 SOYBEAN POSTEMERGENCE VOLUNTEER CORN

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	ZEAMX	CRIN	ZEAMX
1A	SELECT	2.00 EC	0.094 lb/ac	10"	17	90	0	100
1B	SUN-IT II	0.00 AD	1.000 qt/ac	10"				
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10"				
2A	SELECT	2.00 EC	0.094 lb/ac	10"	33	90	0	90
2B	COBRA	2.00 E	0.125 lb/ac	10"				
2C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"				
2D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	10"				
3A	SELECT	2.00 EC	0.094 lb/ac	10"	33	90	0	70
3B	BASAGRAN	4.00 E	0.500 lb/ac	10"				
3C	COBRA	2.00 E	0.125 lb/ac	10"				
3D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"				
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10"				
4A	SELECT	2.00 EC	0.094 lb/ac	10"	30	80	0	50
4B	STORM	4.00 E	0.750 lb/ac	10"				
4C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"				
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10"				
5A	SELECT	2.00 EC	0.125 lb/ac	10"	30	87	0	73
5B	GALAXY	3.67 E	0.900 lb/ac	10"				
5C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"				
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10"				
6A	SELECT	2.00 EC	0.094 lb/ac	10"	33	87	0	80
6B	CLASSIC	25.00 DF	0.008 lb/ac	10"				
6C	COBRA	2.00 E	0.125 lb/ac	10"				
6D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"				
6E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10"				
7A	SELECT	2.00 EC	0.094 lb/ac	10"	20	83	0	80
7B	PURSUIT	70.00 DF	0.063 lb/ac	10"				
7C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"				
7D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	10"				
8A	SELECT	2.00 EC	0.094 lb/ac	10"	33	90	0	83
8B	PURSUIT	70.00 DF	0.063 lb/ac	10"				
8C	COBRA	2.00 E	0.125 lb/ac	10"				
8D	CROP OIL	0.00 AD	1.000 qt/ac	10"				
8E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10"				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4033 SOYBEAN POSTEMERGENCE VOLUNTEER CORN

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	ZEAMX	CRIN	ZEAMX
9A	PURSUIT	70.00 DF	0.063 lb/ac	10"	23	50	0	47
9B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"				
9C	SUN-IT II	0.00 AD	0.750 qt/ac	10"				
10A	FUSILADE DX	2.00 EC	0.188 lb/ac	10"	17	90	0	100
10B	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"				
10C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"				
11A	FUSILADE DX	2.00 EC	0.188 lb/ac	10"	30	90	0	93
11B	COBRA	2.00 E	0.125 lb/ac	10"				
11C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	10"				
11D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	10"				
12	CHECK (CULTIVATED)	0.00 CK	0.000		0	100	0	100
				LSD(.05) :	6	17	NS	26

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : 10" JUNE 6

FIELD # 650

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4034 SOYBEAN POSTEMERGENCE VI (IGNITE)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						8 WEEKS AFTER APPLICATI				
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	ABUTH	XANST	SETFA	CHEAL	ABUTH	XANST
1A	IGNITE	1.67 AS	0.360 lb/ac	EP	97	80	0	97	77	93	100	97	73	90	100
1B	IGNITE	1.67 AS	0.360 lb/ac	2RE											
2	IGNITE	1.67 AS	0.540 lb/ac	EP	100	87	0	100	87	97	100	93	80	87	90
3	IGNITE	1.67 AS	0.710 lb/ac	EP	100	100	0	100	97	100	100	97	93	93	93
4A	IGNITE	1.67 AS	0.360 lb/ac	EP	100	97	0	100	97	97	100	97	93	93	97
4B	PURSUIT	70.00 DF	0.063 lb/ac	EP											
5A	IGNITE	1.67 AS	0.360 lb/ac	EP	97	83	0	97	80	90	100	93	87	90	97
5B	CULTIVATED	0.00	0.000 lb/ac	+2W											
6A	PURSUIT	70.00 DF	0.063 lb/ac	EP	97	80	0	97	77	100	100	97	70	97	97
6B	OPTION	1.00 L	0.061 lb/ac	EP											
6C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP											
7	CHECK WEED FREE	0.00 CK	0.000		100	100	0	100	100	100	100	100	100	100	100
8	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0
LSD(.05) :					6	14	NS	6	16	9	NS	8	22	15	7

LOCATION : SPINDLETOP FARM SOIL TYPE : MAURY SILT LOAM
 FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE PLANTED : DATE TREATED : EP JUNE 8
 VARIETY : IGNITE RESISTANT 2REG JULY 5
 +2W JUNE 21

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4035 SOYBEAN POSTEMERGENCE VIII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	CRIN	SETFA	XANST	CHEAL	PHBPU
1A	PURSUIT	70.00 DF	0.032 lb/ac	MP	67	53	0	67	100	50	43	0	67	100	37	43
1B	X-77	0.50 WA	0.250 %	MP												
2A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	57	0	77	100	53	40	0	77	100	30	40
2B	X-77	0.50 WA	0.250 %	MP												
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
3A	PURSUIT	70.00 DF	0.063 lb/ac	MP	70	63	0	70	100	60	43	0	70	100	37	43
3B	X-77	0.50 WA	0.250 %	MP												
4A	PURSUIT	70.00 DF	0.063 lb/ac	MP	87	70	0	87	100	60	47	0	87	100	47	50
4B	X-77	0.50 WA	0.250 %	MP												
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
5A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	63	0	77	100	53	47	0	77	100	33	47
5B	AG 98	0.00 WA	0.250 %	MP												
6A	PURSUIT	70.00 DF	0.032 lb/ac	MP	70	60	0	70	100	57	47	0	70	100	40	47
6B	AG 98	0.00 WA	0.250 %	MP												
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
7A	PURSUIT	70.00 DF	0.063 lb/ac	MP	70	67	0	70	100	60	53	0	70	100	37	53
7B	AG 98	0.00 WA	0.250 %	MP												
8A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	70	0	83	100	67	50	0	83	100	57	50
8B	AG 98	0.00 WA	0.250 %	MP												
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
9A	PURSUIT	70.00 DF	0.032 lb/ac	MP	70	50	0	70	100	43	40	0	70	100	30	40
9B	SUN-IT II	0.00 AD	0.250 qt/ac	MP												
10A	PURSUIT	70.00 DF	0.032 lb/ac	MP	73	60	0	73	100	53	47	0	73	100	30	47
10B	SUN-IT II	0.00 AD	0.250 qt/ac	MP												
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
11A	PURSUIT	70.00 DF	0.063 lb/ac	MP	73	63	0	73	100	57	50	0	73	100	43	50
11B	SUN-IT II	0.00 AD	0.250 qt/ac	MP												
12A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	67	0	83	100	63	57	0	83	100	40	57
12B	SUN-IT II	0.00 AD	0.250 qt/ac	MP												
12C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

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TABLE S4035 SOYBEAN POSTEMERGENCE VIII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	CRIN	SETFA	XANST	CHEAL	PHBPU
13A	PURSUIT	70.00 DF	0.032 lb/ac	MP	67	53	0	67	100	50	43	0	67	100	30	43
13B	MAGNUM 90	0.00 WA	0.250 %	MP												
14A	PURSUIT	70.00 DF	0.032 lb/ac	MP	80	57	0	80	100	50	47	0	80	100	33	47
14B	MAGNUM 90	0.00 WA	0.250 %	MP												
14C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
15A	PURSUIT	70.00 DF	0.063 lb/ac	MP	67	57	0	67	100	53	43	0	67	100	30	43
15B	MAGNUM 90	0.00 WA	0.250 %	MP												
16A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	67	0	83	100	60	47	0	83	100	47	47
16B	MAGNUM 90	0.00 WA	0.250 %	MP												
16C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
17A	PURSUIT	70.00 DF	0.032 lb/ac	MP	83	63	0	83	100	63	53	0	83	100	40	53
17B	K2000	0.00 AD	1.000 qt/ac	MP												
18A	PURSUIT	70.00 DF	0.032 lb/ac	MP	83	73	0	83	100	67	53	0	83	100	43	53
18B	K2000	0.00 AD	1.000 qt/ac	MP												
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
19A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	73	0	83	100	70	57	0	83	100	47	57
19B	K2000	0.00 AD	1.000 qt/ac	MP												
20A	PURSUIT	70.00 DF	0.063 lb/ac	MP	90	73	3	90	100	73	60	0	90	100	60	60
20B	K2000	0.00 AD	1.000 qt/ac	MP												
20C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
21A	PURSUIT	70.00 DF	0.032 lb/ac	MP	83	77	0	83	100	70	60	0	83	100	43	60
21B	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP												
22A	PURSUIT	70.00 DF	0.032 lb/ac	MP	80	60	0	80	100	63	50	0	80	100	33	50
22B	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP												
22C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
23A	PURSUIT	70.00 DF	0.063 lb/ac	MP	93	73	3	93	100	67	57	0	93	100	50	57
23B	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP												
24A	PURSUIT	70.00 DF	0.063 lb/ac	MP	87	73	3	87	100	70	57	0	87	100	60	57
24B	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	MP												
24C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

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TABLE S4035 SOYBEAN POSTEMERGENCE VIII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	CRIN	SETFA	XANST	CHEAL	PHBPU
25A	PURSUIT	70.00 DF	0.032 lb/ac	MP	83	67	0	83	100	60	53	0	83	100	40	53
25B	SILWET L77	0.00 WA	0.250 %	MP												
26A	PURSUIT	70.00 DF	0.032 lb/ac	MP	80	67	7	80	100	60	53	0	80	100	37	53
26B	SILWET L77	0.00 WA	0.250 %	MP												
26C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
27A	PURSUIT	70.00 DF	0.063 lb/ac	MP	87	77	0	87	100	70	63	0	87	100	47	63
27B	SILWET L77	0.00 WA	0.250 %	MP												
28A	PURSUIT	70.00 DF	0.063 lb/ac	MP	90	77	7	87	100	73	63	0	87	100	50	63
28B	SILWET L77	0.00 WA	0.250 %	MP												
28C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
29A	PURSUIT	70.00 DF	0.032 lb/ac	MP	70	57	0	70	100	57	47	0	70	100	37	47
29B	ACTIVATOR 90	0.00 WA	0.250 %	MP												
30A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	57	0	77	100	57	53	0	77	100	43	53
30B	ACTIVATOR 90	0.00 WA	0.250 %	MP												
30C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
31A	PURSUIT	70.00 DF	0.063 lb/ac	MP	80	63	0	80	100	60	60	0	80	100	40	60
31B	ACTIVATOR 90	0.00 WA	0.250 %	MP												
32A	PURSUIT	70.00 DF	0.063 lb/ac	MP	87	67	0	87	100	67	53	0	87	100	40	53
32B	ACTIVATOR 90	0.00 WA	0.250 %	MP												
32C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
33A	PURSUIT	70.00 DF	0.032 lb/ac	MP	70	53	0	70	100	50	43	0	70	100	30	43
33B	HERBIMAX	0.00 AD	1.000 qt/ac	MP												
34A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	53	0	77	100	50	43	0	77	100	37	43
34B	HERBIMAX	0.00 AD	1.000 qt/ac	MP												
34C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
35A	PURSUIT	70.00 DF	0.063 lb/ac	MP	73	60	0	77	100	53	47	0	77	100	33	47
35B	HERBIMAX	0.00 AD	1.000 qt/ac	MP												
36A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	63	0	83	97	60	47	0	83	97	43	47
36B	HERBIMAX	0.00 AD	1.000 qt/ac	MP												
36C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												

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TABLE S4035 SOYBEAN POSTEMERGENCE VIII

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						--8 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	XANST	CHEAL	PHBPU	CRIN	SETFA	XANST	CHEAL	PHBPU
37A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	63	0	77	100	57	53	0	77	100	33	53
37B	DASH	0.00 AD	0.500 qt/ac	MP												
38A	PURSUIT	70.00 DF	0.032 lb/ac	MP	80	60	0	80	100	53	47	0	80	100	40	47
38B	DASH	0.00 AD	0.500 qt/ac	MP												
38C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
39A	PURSUIT	70.00 DF	0.063 lb/ac	MP	83	63	0	83	100	57	53	0	83	100	50	53
39B	DASH	0.00 AD	0.500 qt/ac	MP												
40A	PURSUIT	70.00 DF	0.063 lb/ac	MP	90	70	0	90	100	70	50	0	90	100	57	50
40B	DASH	0.00 AD	0.500 qt/ac	MP												
40C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
41A	PURSUIT	70.00 DF	0.032 lb/ac	MP	63	40	0	63	100	40	37	0	63	100	23	37
41B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
42A	PURSUIT	70.00 DF	0.063 lb/ac	MP	53	53	0	53	97	47	47	0	53	97	37	47
42B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
43A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	60	0	77	100	57	50	0	77	100	37	50
43B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
44A	PURSUIT	70.00 DF	0.032 lb/ac	MP	77	60	0	77	100	53	50	0	77	100	40	50
44B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
44C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
45A	PURSUIT	70.00 DF	0.063 lb/ac	MP	80	70	0	80	100	57	53	0	80	100	33	53
45B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
46A	PURSUIT	70.00 DF	0.063 lb/ac	MP	80	70	0	83	100	60	47	0	83	100	43	47
46B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												
46C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP												
47	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
48	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	0	0	0
			LSD (.05) :		12	12	4	13	2	13	12	NS	13	2	15	12

LOCATION : SPINDLETOP FARM SOIL TYPE : MAURY SILT LOAM
FERTILIZER APPLIED (LB/ACRE) : 60 N, 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
DATE PLANTED : DATE TREATED : MP JUNE 8
VARIETY : FLYER

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	ABUTH	CRIN	ABUTH
1A	DUAL	8.00 E	1.500 lb/ac	PRE	3	100	0	100
1B	CGA 248757	5.00 WP	0.005 lb/ac	LP				
2A	DUAL	8.00 E	1.500 lb/ac	PRE	20	100	0	97
2B	CGA 248757	5.00 WP	0.005 lb/ac	LP				
2C	AGRI-DEX	0.00 AD	1.000 qt/ac	LP				
3A	DUAL	8.00 E	1.500 lb/ac	PRE	17	100	0	97
3B	CGA 248757	5.00 WP	0.003 lb/ac	LP				
3C	PURSUIT	70.00 DF	0.063 lb/ac	LP				
3D	SUN-IT II	0.00 AD	0.750 qt/ac	LP				
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP				
4A	DUAL	8.00 E	1.500 lb/ac	PRE	17	100	0	100
4B	CGA 248757	5.00 WP	0.004 lb/ac	LP				
4C	PURSUIT	70.00 DF	0.063 lb/ac	LP				
4D	SUN-IT II	0.00 AD	0.750 qt/ac	LP				
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP				
5A	DUAL	8.00 E	1.500 lb/ac	PRE	7	97	0	97
5B	PURSUIT	70.00 DF	0.063 lb/ac	LP				
5C	SUN-IT II	0.00 AD	0.750 qt/ac	LP				
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP				
6A	DUAL	8.00 E	2.000 lb/ac	PRE	13	97	0	60
6B	REFLEX	2.00 LC	0.375 lb/ac	LP				
6C	HERBIMAX	0.00 AD	1.000 qt/ac	LP				
7A	DUAL	8.00 E	2.000 lb/ac	PRE	20	97	0	87
7B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP				
8A	DUAL	8.00 E	2.000 lb/ac	PRE	27	100	0	93
8B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP				
8C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	LP				
9A	DUAL	8.00 E	2.000 lb/ac	PRE	20	97	0	93
9B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP				
9C	BASAGRAN	4.00 E	0.250 lb/ac	LP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	ABUTH	CRIN	ABUTH
10A	DUAL	8.00 E	2.000 lb/ac	PRE	7	90	0	87
10B	REFLEX	2.00 LC	0.375 lb/ac	LP				
10C	PINNACLE	25.00 DF	0.003 lb/ac	LP				
11A	PURSUIT	70.00 DF	0.063 lb/ac	MP	17	100	0	100
11B	RIVERSIDE METH OIL	0.00 AD	0.750 qt/ac	MP				
12A	PURSUIT	70.00 DF	0.063 lb/ac	MP	13	100	0	100
12B	SUN-IT II	0.00 AD	0.750 qt/ac	MP				
13A	PURSUIT	70.00 DF	0.063 lb/ac	MP	13	93	30	95
13B	MAGNUM 90	0.00 WA	0.750 %	MP				
14A	PURSUIT	70.00 DF	0.063 lb/ac	MP	10	100	0	100
14B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
14C	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
15A	RESOURCE	0.86 EC	0.027 lb/ac	MP	10	100	0	97
15B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
15C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
16A	RESOURCE	0.86 EC	0.036 lb/ac	MP	10	100	0	93
16B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
16C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
17A	RESOURCE	0.86 EC	0.040 lb/ac	MP	10	100	0	93
17B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
17C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
18	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	3	90	0	67
19	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	90	0	77
20A	SELECT	2.00 EC	0.125 lb/ac	MP	13	100	0	100
20B	COBRA	2.00 E	0.100 lb/ac	MP				
20C	CLASSIC	25.00 DF	0.012 lb/ac	MP				
20D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
20E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4030 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	ABUTH	CRIN	ABUTH
21A	SELECT	2.00 EC	0.125 lb/ac	MP	17	100	0	100
21B	COBRA	2.00 E	0.100 lb/ac	MP				
21C	BASAGRAN	4.00 E	0.750 lb/ac	MP				
21D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
21E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP				
22A	COBRA	2.00 E	0.094 lb/ac	MP	17	100	0	100
22B	BASAGRAN	4.00 E	0.500 lb/ac	MP				
22C	SELECT	2.00 EC	0.125 lb/ac	MP				
22D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
23A	COBRA	2.00 E	0.100 lb/ac	MP	20	100	0	97
23B	BASAGRAN	4.00 E	0.500 lb/ac	MP				
23C	SELECT	2.00 EC	0.125 lb/ac	MP				
23D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
24A	COBRA	2.00 E	0.125 lb/ac	MP	20	100	0	93
24B	BASAGRAN	4.00 E	0.500 lb/ac	MP				
24C	PINNACLE	25.00 DF	0.002 lb/ac	MP				
24D	SELECT	2.00 EC	0.094 lb/ac	MP				
24E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
24F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP				
25A	COBRA	2.00 E	0.125 lb/ac	MP	20	97	0	80
25B	CLASSIC	25.00 DF	0.006 lb/ac	MP				
25C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP				
25D	SELECT	2.00 EC	0.094 lb/ac	LP				
25E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP				
26	COMMAND	4.00 EC	0.750 lb/ac	PRE	7	97	0	87
LSD(.05) :					6	NS	NS	19

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

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE MAY 12
 MP JUNE 6
 LP JUNE 10

FIELD # 100

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4017 NO-TILL SOYBEAN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	AMBEL	PHBPU	SOLPT	SIDSP
1A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	63	73	0	63	93	70	80	63
1B	PROWL	3.30 EC	0.410 lb/ac	2WK								
1C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
1D	X-77	0.50 WA	0.500 ‡	2WK								
2A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	67	80	0	67	93	63	83	80
2B	PROWL	3.30 EC	0.410 lb/ac	2WK								
2C	SENCOR	75.00 DF	0.250 lb/ac	2WK								
2D	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
2E	X-77	0.50 WA	0.500 ‡	2WK								
3A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	70	60	0	70	73	60	87	77
3B	PROWL	3.30 EC	0.410 lb/ac	2WK								
3C	SENCOR	75.00 DF	0.250 lb/ac	2WK								
3D	X-77	0.50 WA	0.250 ‡	2WK								
4A	CANOPY	75.00 DF	0.230 lb/ac	2WK	47	57	0	47	63	73	33	77
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK								
5A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	37	70	0	37	83	73	67	67
5B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
5C	X-77	0.50 WA	0.500 ‡	2WK								
6A	PROWL	3.30 EC	1.000 lb/ac	2WK	93	87	0	93	97	77	87	73
6B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
6C	X-77	0.50 WA	0.500 ‡	2WK								
6D	PURSUIT	2.00 AS	0.063 lb/ac	EP								
6E	SUN-IT II	0.00 AD	0.750 qt/ac	EP								
6F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
7A	FRONTIER	7.50 EC	0.900 lb/ac	2WK	50	70	0	50	80	57	90	73
7B	SCEPTER	70.00 DG	0.125 lb/ac	2WK								
7C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
7D	X-77	0.50 WA	0.500 ‡	2WK								
8A	DUAL	8.00 E	2.000 lb/ac	2WK	53	70	0	53	87	57	87	73
8B	SCEPTER	70.00 DG	0.125 lb/ac	2WK								
8C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
8D	X-77	0.50 WA	0.500 ‡	2WK								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4017 NO-TILL SOYBEAN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	AMBEL	PHBPU	SOLPT	SIDSP
9A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	43	67	0	43	93	60	83	80
9B	ROUNDUP	4.00 E	0.750 lb/ac	2WK								
9C	X-77	0.50 WA	0.500 %	2WK								
10A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	70	60	0	70	57	67	60	73
10B	ROUNDUP	4.00 E	0.750 lb/ac	PRE								
10C	X-77	0.50 WA	0.500 %	PRE								
11A	CANOPY	75.00 DF	0.375 lb/ac	2WK	83	60	0	83	93	57	30	43
11B	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK								
11C	X-77	0.50 WA	0.250 %	2WK								
11D	ASSURE II	0.80 E	0.055 lb/ac	MP								
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
12A	CANOPY	75.00 DF	0.275 lb/ac	2WK	80	67	0	80	87	63	47	63
12B	MICRO-TECH	4.00 MT	2.500 lb/ac	2WK								
12C	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK								
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK								
12E	ASSURE II	0.80 E	0.055 lb/ac	MP								
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
13A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	63	70	0	63	90	67	70	57
13B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
13C	X-77	0.50 WA	0.500 %	2WK								
13D	FRONTIER	7.50 EC	0.450 lb/ac	PRE								
13E	CANOPY	75.00 DF	0.280 lb/ac	PRE								
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	67	63	0	67	83	67	47	77
14B	CANOPY	75.00 DF	0.280 lb/ac	PRE								
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
14D	X-77	0.50 WA	0.500 %	PRE								
15A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	63	77	0	63	83	73	90	57
15B	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
15C	X-77	0.50 WA	0.500 %	2WK								
15D	FRONTIER	7.50 EC	0.450 lb/ac	PRE								
15E	SCEPTER	70.00 DG	0.125 lb/ac	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4017 NO-TILL SOYBEAN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	AMBEL	PHEPU	SOLPT	SIDSP
16A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	77	77	0	77	80	67	57	80
16B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
16D	X-77	0.50 WA	0.500 %	PRE								
17A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	40	80	0	40	93	83	57	63
17B	CANOPY	75.00 DF	0.280 lb/ac	2WK								
17C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
17D	X-77	0.50 WA	0.500 %	2WK								
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	70	77	0	70	90	80	57	50
18B	CANOPY	75.00 DF	0.280 lb/ac	PRE								
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
18D	X-77	0.50 WA	0.500 %	PRE								
19A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	50	63	0	50	90	53	73	77
19B	SCEPTER	70.00 DG	0.125 lb/ac	2WK								
19C	ROUNDUP	4.00 E	1.000 lb/ac	2WK								
19D	X-77	0.50 WA	0.500 %	2WK								
20A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	83	70	0	83	73	83	60	73
20B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
20C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
20D	X-77	0.50 WA	0.500 %	PRE								
LSD (.05) :					14	19	NS	14	21	26	24	24

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : 2WK APRIL 27
 PRE MAY 19
 EP JUNE 6
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4017 NO-TILL SOYBEAN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	AMBEL	PHBPU	SOLPT	SIDSP
1A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	0	60	90	60	80	63
1B	PROWL	3.30 EC	0.410 lb/ac	2WK						
1C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
1D	X-77	0.50 WA	0.500 %	2WK						
2A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	0	63	93	57	83	73
2B	PROWL	3.30 EC	0.410 lb/ac	2WK						
2C	SENCOR	75.00 DF	0.250 lb/ac	2WK						
2D	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
2E	X-77	0.50 WA	0.500 %	2WK						
3A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	0	57	73	53	87	77
3B	PROWL	3.30 EC	0.410 lb/ac	2WK						
3C	SENCOR	75.00 DF	0.250 lb/ac	2WK						
3D	X-77	0.50 WA	0.250 %	2WK						
4A	CANOPY	75.00 DF	0.230 lb/ac	2WK	0	47	60	73	33	77
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK						
5A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	0	37	83	70	67	67
5B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
5C	X-77	0.50 WA	0.500 %	2WK						
6A	PROWL	3.30 EC	1.000 lb/ac	2WK	0	90	93	63	87	63
6B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
6C	X-77	0.50 WA	0.500 %	2WK						
6D	PURSUIT	2.00 AS	0.063 lb/ac	EP						
6E	SUN-IT II	0.00 AD	0.750 qt/ac	EP						
6F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP						
7A	FRONTIER	7.50 EC	0.900 lb/ac	2WK	0	50	80	57	90	73
7B	SCEPTER	70.00 DG	0.125 lb/ac	2WK						
7C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
7D	X-77	0.50 WA	0.500 %	2WK						
8A	DUAL	8.00 E	2.000 lb/ac	2WK	0	47	87	53	87	73
8B	SCEPTER	70.00 DG	0.125 lb/ac	2WK						
8C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
8D	X-77	0.50 WA	0.500 %	2WK						

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TABLE S4017 NO-TILL SOYBEAN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	AMBEL	FHBPU	SOLPT	SIDSP
9A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	0	43	93	60	83	80
9B	ROUNDUP	4.00 E	0.750 lb/ac	2WK						
9C	X-77	0.50 WA	0.500 †	2WK						
10A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	67	53	63	60	73
10B	ROUNDUP	4.00 E	0.750 lb/ac	PRE						
10C	X-77	0.50 WA	0.500 †	PRE						
11A	CANOPY	75.00 DF	0.375 lb/ac	2WK	0	77	93	57	30	43
11B	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK						
11C	X-77	0.50 WA	0.250 †	2WK						
11D	ASSURE II	0.80 E	0.055 lb/ac	MP						
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
12A	CANOPY	75.00 DF	0.275 lb/ac	2WK	0	73	87	60	47	63
12B	MICRO-TECH	4.00 MT	2.500 lb/ac	2WK						
12C	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK						
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK						
12E	ASSURE II	0.80 E	0.055 lb/ac	MP						
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
13A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	0	50	90	63	70	57
13B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
13C	X-77	0.50 WA	0.500 †	2WK						
13D	FRONTIER	7.50 EC	0.450 lb/ac	PRE						
13E	CANOPY	75.00 DF	0.280 lb/ac	PRE						
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	60	83	63	47	77
14B	CANOPY	75.00 DF	0.280 lb/ac	PRE						
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
14D	X-77	0.50 WA	0.500 †	PRE						
15A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	0	60	83	70	90	57
15B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
15C	X-77	0.50 WA	0.500 †	2WK						
15D	FRONTIER	7.50 EC	0.450 lb/ac	PRE						
15E	SCEPTER	70.00 DG	0.125 lb/ac	PRE						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4017 NO-TILL SOYBEAN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	AMBEL	PHBPU	SOLPT	SIDSP
16A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	70	77	60	57	73
16B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
16D	X-77	0.50 WA	0.500 %	PRE						
17A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	0	40	93	77	53	63
17B	CANOPY	75.00 DF	0.280 lb/ac	2WK						
17C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
17D	X-77	0.50 WA	0.500 %	2WK						
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	63	90	73	57	50
18B	CANOPY	75.00 DF	0.280 lb/ac	PRE						
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
18D	X-77	0.50 WA	0.500 %	PRE						
19A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	0	50	90	53	73	77
19B	SCEPTER	70.00 DG	0.125 lb/ac	2WK						
19C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
19D	X-77	0.50 WA	0.500 %	2WK						
20A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	73	70	73	60	67
20B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
20C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
20D	X-77	0.50 WA	0.500 %	PRE						
LSD(.05) :					NS	10	21	21	24	25

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : 2WK APRIL 27
 PRE MAY 19
 EP JUNE 6
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4018 NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	POLPY	SOLPT	PHBPU
1A	SELECT	2.00 EC	0.031 lb/ac	1WK	60	33	0	60	100	90	27	57	63
1B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
1C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
1D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
2A	SELECT	2.00 EC	0.043 lb/ac	1WK	70	30	0	70	100	53	23	57	73
2B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
2C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
3A	SELECT	2.00 EC	0.063 lb/ac	1WK	57	30	0	57	97	83	27	73	80
3B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
3C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
3D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
4A	SELECT	2.00 EC	0.074 lb/ac	1WK	53	33	0	53	100	63	27	43	70
4B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
4C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
5A	SELECT	2.00 EC	0.094 lb/ac	1WK	70	37	0	70	97	60	27	63	70
5B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
5C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
6A	SELECT	2.00 EC	0.043 lb/ac	1WK	87	27	0	87	97	60	20	60	77
6B	PROWL	3.30 EC	1.000 lb/ac	1WK									
6C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
6D	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
6E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
7A	SELECT	2.00 EC	0.063 lb/ac	1WK	83	30	0	83	93	47	23	73	80
7B	PROWL	3.30 EC	1.000 lb/ac	1WK									
7C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4018 NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	POLPY	SOLPT	PHBPU
8A	SELECT	2.00 EC	0.063 lb/ac	1WK	90	80	10	90	63	93	80	93	93
8B	SUN-IT II	0.00 AD	1.000 qt/ac	1WK									
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK									
8D	PURSUIT	2.00 AS	0.063 lb/ac	MP									
8E	COBRA	2.00 E	0.100 lb/ac	MP									
8F	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
8G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
9A	ROUNDUP	4.00 E	0.500 lb/ac	1WK	87	87	3	87	90	100	93	97	83
9B	QUEST	0.00 AD	1.000 qt/ac	1WK									
9C	X-77	0.50 WA	0.250 †	1WK									
9D	PURSUIT	2.00 AS	0.063 lb/ac	MP									
9E	COBRA	2.00 E	0.100 lb/ac	MP									
9F	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
9G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
10A	FUSION	2.66 EC	0.080 lb/ac	2WK	67	53	10	67	100	97	40	57	80
10B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK									
10C	X-77	0.50 WA	0.250 †	2WK									
10D	REFLEX	2.00 LC	0.375 lb/ac	MP									
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	1WK	100	87	10	100	87	90	87	90	83
11B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
11C	X-77	0.50 WA	0.250 †	1WK									
11D	DUAL	8.00 E	2.000 lb/ac	PRE									
11E	TORNADO	1.75 EC	0.475 lb/ac	MP									
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
12A	COMMAND	4.00 EC	1.000 lb/ac	2WK	63	80	10	63	93	100	97	50	77
12B	CANOPY	75.00 DF	0.094 lb/ac	2WK									
12C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK									
12D	X-77	0.50 WA	0.250 †	2WK									
12E	REFLEX	2.00 LC	0.375 lb/ac	MP									
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
13A	COMMAND	4.00 EC	1.000 lb/ac	2WK	67	80	0	67	100	97	100	33	77
13B	CANOPY	75.00 DF	0.280 lb/ac	2WK									
13C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK									
13D	X-77	0.50 WA	0.250 †	2WK									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4018 NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----									
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	POLPY	SOLPT	PHBPU	
14A	COMMAND	4.00 EC	1.000 lb/ac	1WK	60	87	10	60	100	100	100	57	80	
14B	CANOPY	75.00 DF	0.094 lb/ac	1WK										
14C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
14D	X-77	0.50 WA	0.250 %	1WK										
14E	REFLEX	2.00 LC	0.375 lb/ac	MP										
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
15A	COMMAND	4.00 EC	1.000 lb/ac	1WK	63	77	0	63	100	100	100	37	67	
15B	CANOPY	75.00 DF	0.280 lb/ac	1WK										
15C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
15D	X-77	0.50 WA	0.250 %	1WK										
16A	COMMAND	4.00 EC	1.000 lb/ac	2WK	53	77	0	53	73	90	83	87	80	
16B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
16C	X-77	0.50 WA	0.500 %	2WK										
16D	PURSUIT	2.00 AS	0.031 lb/ac	MP										
16E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
17A	COMMAND	4.00 EC	1.000 lb/ac	PRE	97	83	0	97	100	90	87	93	80	
17B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
17C	X-77	0.50 WA	0.500 %	PRE										
17D	PURSUIT	2.00 AS	0.031 lb/ac	MP										
17E	SUN-IT II	0.00 AD	0.750 qt/ac	MP										
17F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
18A	COMMAND	4.00 EC	1.000 lb/ac	2WK	63	77	0	63	100	73	93	83	77	
18B	F6285	75.00 DF	0.375 lb/ac	2WK										
18C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
18D	X-77	0.50 WA	0.500 %	2WK										
19A	COMMAND	4.00 EC	1.000 lb/ac	PRE	90	90	0	90	100	97	97	73	83	
19B	F6285	75.00 DF	0.375 lb/ac	PRE										
19C	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
19D	X-77	0.50 WA	0.500 %	PRE										
20	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0	
			LSD(.05) :		17	12	2	17	16	29	12	22	18	

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE) : 60 N,
DATE PLANTED : MAY 19
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 4.50 %
DATE TREATED : 2WK APRIL 27
1WK MAY 5
PRE MAY 19
MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4018 NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETPA	CHEAL	AMBEL	POLPY	SOLPT	PHBPU
1A	SELECT	2.00 EC	0.031 lb/ac	1WK	0	57	100	87	27	60	63
1B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
1C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
1D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
2A	SELECT	2.00 EC	0.043 lb/ac	1WK	0	70	100	53	23	57	73
2B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
2C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
3A	SELECT	2.00 EC	0.063 lb/ac	1WK	0	53	93	83	27	73	80
3B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
3C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
3D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
4A	SELECT	2.00 EC	0.074 lb/ac	1WK	0	53	100	63	27	43	70
4B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
4C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
5A	SELECT	2.00 EC	0.094 lb/ac	1WK	0	57	97	60	27	63	70
5B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
5C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
6A	SELECT	2.00 EC	0.043 lb/ac	1WK	0	80	93	60	20	60	77
6B	PROWL	3.30 EC	1.000 lb/ac	1WK							
6C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
6D	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
6E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
7A	SELECT	2.00 EC	0.063 lb/ac	1WK	0	83	93	40	23	73	80
7B	PROWL	3.30 EC	1.000 lb/ac	1WK							
7C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4018 NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	AMBEL	POLPY	SOLPT	PBPU
8A	SELECT	2.00 EC	0.063 lb/ac	1WK	10	83	63	93	70	93	93
8B	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
8D	PURSUIT	2.00 AS	0.063 lb/ac	MP							
8E	COBRA	2.00 E	0.100 lb/ac	MP							
8F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
8G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
9A	ROUNDUP	4.00 E	0.500 lb/ac	1WK	3	77	83	100	90	97	70
9B	QUEST	0.00 AD	1.000 qt/ac	1WK							
9C	X-77	0.50 WA	0.250 $\frac{1}{2}$	1WK							
9D	PURSUIT	2.00 AS	0.063 lb/ac	MP							
9E	COBRA	2.00 E	0.100 lb/ac	MP							
9F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
9G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
10A	FUSION	2.66 EC	0.080 lb/ac	2WK	10	63	100	97	40	57	80
10B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK							
10C	X-77	0.50 WA	0.250 $\frac{1}{2}$	2WK							
10D	REFLEX	2.00 LC	0.375 lb/ac	MP							
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	1WK	10	97	97	100	83	90	70
11B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
11C	X-77	0.50 WA	0.250 $\frac{1}{2}$	1WK							
11D	DUAL	8.00 E	2.000 lb/ac	PRE							
11E	TORNADO	1.75 EC	0.475 lb/ac	MP							
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
12A	COMMAND	4.00 EC	1.000 lb/ac	2WK	10	57	93	100	97	50	70
12B	CANOPY	75.00 DF	0.094 lb/ac	2WK							
12C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK							
12D	X-77	0.50 WA	0.250 $\frac{1}{2}$	2WK							
12E	REFLEX	2.00 LC	0.375 lb/ac	MP							
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
13A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	60	97	97	100	33	70
13B	CANOPY	75.00 DF	0.280 lb/ac	2WK							
13C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK							
13D	X-77	0.50 WA	0.250 $\frac{1}{2}$	2WK							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4018 NO-TILL EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	AMBEL	POLPY	SOLPT	PHBPU
14A	COMMAND	4.00 EC	1.000 lb/ac	1WK	10	53	100	100	100	57	77
14B	CANOPY	75.00 DF	0.094 lb/ac	1WK							
14C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
14D	X-77	0.50 WA	0.250 %	1WK							
14E	REFLEX	2.00 LC	0.375 lb/ac	MP							
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
15A	COMMAND	4.00 EC	1.000 lb/ac	1WK	0	60	100	100	100	37	67
15B	CANOPY	75.00 DF	0.280 lb/ac	1WK							
15C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
15D	X-77	0.50 WA	0.250 %	1WK							
16A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	53	70	80	83	87	73
16B	ROUNDUP	4.00 E	1.000 lb/ac	2WK							
16C	X-77	0.50 WA	0.500 %	2WK							
16D	PURSUIT	2.00 AS	0.031 lb/ac	MP							
16E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
17A	COMMAND	4.00 EC	1.000 lb/ac	PRE	0	93	100	87	77	93	77
17B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
17C	X-77	0.50 WA	0.500 %	PRE							
17D	PURSUIT	2.00 AS	0.031 lb/ac	MP							
17E	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
17F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
18A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	60	100	73	90	83	70
18B	F6285	75.00 DF	0.375 lb/ac	2WK							
18C	ROUNDUP	4.00 E	1.000 lb/ac	2WK							
18D	X-77	0.50 WA	0.500 %	2WK							
19A	COMMAND	4.00 EC	1.000 lb/ac	PRE	0	87	100	93	97	73	83
19B	F6285	75.00 DF	0.375 lb/ac	PRE							
19C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
19D	X-77	0.50 WA	0.500 %	PRE							
20	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
				LSD(.05) :	2	19	15	17	16	23	17

LOCATION : SPINDLETOP FARM

FERTILIZER APPLIED (LB/ACRE): 60 N,

DATE PLANTED : MAY 19

VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM

60 P, 60 K, pH : 6.4 O.M. : 4.50 %

DATE TREATED : 2WK APRIL 27

1WK MAY 5

PRE MAY 19

MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4019 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	PHBPU
1A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	63	77	0	63	93	60
1B	PROWL	3.30 EC	0.410 lb/ac	2WK						
1C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
1D	X-77	0.50 WA	0.500 %	2WK						
2A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	63	77	0	63	90	57
2B	PROWL	3.30 EC	0.410 lb/ac	2WK						
2C	SENCOR	75.00 DF	0.250 lb/ac	2WK						
2D	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
2E	X-77	0.50 WA	0.500 %	2WK						
3A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	67	67	0	67	73	60
3B	PROWL	3.30 EC	0.410 lb/ac	2WK						
3C	SENCOR	75.00 DF	0.250 lb/ac	2WK						
3D	X-77	0.50 WA	0.250 %	2WK						
4A	CANOPY	75.00 DF	0.230 lb/ac	2WK	33	53	0	33	77	70
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK						
5A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	57	67	0	57	80	57
5B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
5C	X-77	0.50 WA	0.500 %	2WK						
6A	PROWL	3.30 EC	1.000 lb/ac	2WK	73	77	3	73	93	63
6B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
6C	X-77	0.50 WA	0.500 %	2WK						
6D	PURSUIT	2.00 AS	0.063 lb/ac	EP						
6E	SUN-IT II	0.00 AD	0.750 qt/ac	EP						
6F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP						
7A	FRONTIER	7.50 EC	0.900 lb/ac	2WK	53	77	0	53	93	70
7B	SCEPTER	70.00 DG	0.125 lb/ac	2WK						
7C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
7D	X-77	0.50 WA	0.500 %	2WK						
8A	DUAL	8.00 E	2.000 lb/ac	2WK	67	77	0	67	93	67
8B	SCEPTER	70.00 DG	0.125 lb/ac	2WK						
8C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
8D	X-77	0.50 WA	0.500 %	2WK						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4019 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SEIFA	XANST	PHBPU
9A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	67	50	0	67	40	53
9B	ROUNDUP	4.00 E	0.750 lb/ac	2WK						
9C	X-77	0.50 WA	0.500 %	2WK						
10A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	70	63	0	70	93	60
10B	ROUNDUP	4.00 E	0.750 lb/ac	PRE						
10C	X-77	0.50 WA	0.500 %	PRE						
11A	CANOPY	75.00 DF	0.375 lb/ac	2WK	77	67	7	77	100	77
11B	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK						
11C	X-77	0.50 WA	0.250 %	2WK						
11D	ASSURE II	0.80 E	0.055 lb/ac	MP						
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
12A	CANOPY	75.00 DF	0.275 lb/ac	2WK	77	93	0	77	100	80
12B	MICRO-TECH	4.00 MT	2.500 lb/ac	2WK						
12C	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK						
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK						
12E	ASSURE II	0.80 E	0.055 lb/ac	MP						
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
13A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	60	73	0	60	97	63
13B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
13C	X-77	0.50 WA	0.500 %	2WK						
13D	FRONTIER	7.50 EC	0.450 lb/ac	PRE						
13E	CANOPY	75.00 DF	0.280 lb/ac	PRE						
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	77	63	0	77	83	63
14B	CANOPY	75.00 DF	0.280 lb/ac	PRE						
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
14D	X-77	0.50 WA	0.500 %	PRE						
15A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	70	57	0	70	97	63
15B	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
15C	X-77	0.50 WA	0.500 %	2WK						
15D	FRONTIER	7.50 EC	0.450 lb/ac	PRE						
15E	SCEPTER	70.00 DG	0.125 lb/ac	PRE						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4019 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----					
					GGGGG	BBBBB	CRIN	SETFA	XANST	PHBPU
16A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	87	67	0	87	87	77
16B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
16D	X-77	0.50 WA	0.500 %	PRE						
17A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	57	73	0	57	80	73
17B	CANOPY	75.00 DF	0.280 lb/ac	2WK						
17C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
17D	X-77	0.50 WA	0.500 %	2WK						
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	80	67	0	80	93	67
18B	CANOPY	75.00 DF	0.280 lb/ac	PRE						
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
18D	X-77	0.50 WA	0.500 %	PRE						
19A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	53	83	0	53	93	77
19B	SCEPTER	70.00 DG	0.125 lb/ac	2WK						
19C	ROUNDUP	4.00 E	1.000 lb/ac	2WK						
19D	X-77	0.50 WA	0.500 %	2WK						
20A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	80	87	0	80	90	80
20B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
20C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
20D	X-77	0.50 WA	0.500 %	PRE						

LSD(.05) : 16 18 3 16 23 21

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 4.50 %
 DATE TREATED : 2WK APRIL 27
 1WK MAY 5
 PRE MAY 19
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4019 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	PHBPU
1A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	0	47	93	53
1B	PROWL	3.30 EC	0.410 lb/ac	2WK				
1C	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
1D	X-77	0.50 WA	0.500 %	2WK				
2A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	0	47	83	50
2B	PROWL	3.30 EC	0.410 lb/ac	2WK				
2C	SENCOR	75.00 DF	0.250 lb/ac	2WK				
2D	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
2E	X-77	0.50 WA	0.500 %	2WK				
3A	SQUADRON	2.33 EC	0.870 lb/ac	2WK	0	57	73	60
3B	PROWL	3.30 EC	0.410 lb/ac	2WK				
3C	SENCOR	75.00 DF	0.250 lb/ac	2WK				
3D	X-77	0.50 WA	0.250 %	2WK				
4A	CANOPY	75.00 DF	0.230 lb/ac	2WK	0	27	77	67
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK				
5A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	0	47	77	50
5B	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
5C	X-77	0.50 WA	0.500 %	2WK				
6A	PROWL	3.30 EC	1.000 lb/ac	2WK	0	63	87	50
6B	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
6C	X-77	0.50 WA	0.500 %	2WK				
6D	PURSUIT	2.00 AS	0.063 lb/ac	EP				
6E	SUN-IT II	0.00 AD	0.750 qt/ac	EP				
6F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP				
7A	FRONTIER	7.50 EC	0.900 lb/ac	2WK	0	40	90	63
7B	SCEPTER	70.00 DG	0.125 lb/ac	2WK				
7C	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
7D	X-77	0.50 WA	0.500 %	2WK				
8A	DUAL	8.00 E	2.000 lb/ac	2WK	0	57	90	53
8B	SCEPTER	70.00 DG	0.125 lb/ac	2WK				
8C	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
8D	X-77	0.50 WA	0.500 %	2WK				

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TABLE S4019 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	PHBPU
9A	BROADSTRIKE + DUAL	7.67 EC	2.640 lb/ac	2WK	0	60	37	50
9B	ROUNDUP	4.00 E	0.750 lb/ac	2WK				
9C	X-77	0.50 WA	0.500 †	2WK				
10A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	60	93	47
10B	ROUNDUP	4.00 E	0.750 lb/ac	PRE				
10C	X-77	0.50 WA	0.500 †	PRE				
11A	CANOPY	75.00 DF	0.375 lb/ac	2WK	0	63	97	63
11B	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK				
11C	X-77	0.50 WA	0.250 †	2WK				
11D	ASSURE II	0.80 E	0.055 lb/ac	MP				
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
12A	CANOPY	75.00 DF	0.275 lb/ac	2WK	0	73	100	77
12B	MICRO-TECH	4.00 MT	2.500 lb/ac	2WK				
12C	WEEDONE LV4	3.80 E	0.500 lb/ac	2WK				
12D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	2WK				
12E	ASSURE II	0.80 E	0.055 lb/ac	MP				
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP				
13A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	0	53	93	60
13B	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
13C	X-77	0.50 WA	0.500 †	2WK				
13D	FRONTIER	7.50 EC	0.450 lb/ac	PRE				
13E	CANOPY	75.00 DF	0.280 lb/ac	PRE				
14A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	73	83	57
14B	CANOPY	75.00 DF	0.280 lb/ac	PRE				
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE				
14D	X-77	0.50 WA	0.500 †	PRE				
15A	FRONTIER	7.50 EC	0.850 lb/ac	2WK	0	63	97	47
15B	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
15C	X-77	0.50 WA	0.500 †	2WK				
15D	FRONTIER	7.50 EC	0.450 lb/ac	PRE				
15E	SCEPTER	70.00 DG	0.125 lb/ac	PRE				

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TABLE S4019 MINIMUM TILL SOYBEANS EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--8 WEEKS AFTER APPL.--			
					CRIN	SETFA	XANST	PHBPU
16A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	80	77	67
16B	SCEPTER	70.00 DG	0.125 lb/ac	PRE				
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE				
16D	X-77	0.50 WA	0.500 %	PRE				
17A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	0	43	80	70
17B	CANOPY	75.00 DF	0.280 lb/ac	2WK				
17C	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
17D	X-77	0.50 WA	0.500 %	2WK				
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	67	93	57
18B	CANOPY	75.00 DF	0.280 lb/ac	PRE				
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE				
18D	X-77	0.50 WA	0.500 %	PRE				
19A	FRONTIER	7.50 EC	1.300 lb/ac	2WK	0	43	90	70
19B	SCEPTER	70.00 DG	0.125 lb/ac	2WK				
19C	ROUNDUP	4.00 E	1.000 lb/ac	2WK				
19D	X-77	0.50 WA	0.500 %	2WK				
20A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	67	90	70
20B	SCEPTER	70.00 DG	0.125 lb/ac	PRE				
20C	ROUNDUP	4.00 E	1.000 lb/ac	PRE				
20D	X-77	0.50 WA	0.500 %	PRE				
LSD(.05) :					NS	13	27	22

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.3 O.M. : 4.50 %
 DATE TREATED : 2WK APRIL 27
 1WK MAY 5
 PRE MAY 19
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4020 MINIMUM TILL SOYBEAN EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----									
					GGGGG	BBBBB	CRIN	SETFA	AMBEL	XANST	POLPY	CHEAL	SOLPT	
1A	SELECT	2.00 EC	0.031 lb/ac	1WK	77	53	0	77	87	57	67	83	60	
1B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
1C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
1D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
2A	SELECT	2.00 EC	0.043 lb/ac	1WK	67	57	3	67	77	63	60	80	53	
2B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
2C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
3A	SELECT	2.00 EC	0.063 lb/ac	1WK	60	67	3	60	90	73	70	93	50	
3B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
3C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
3D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
4A	SELECT	2.00 EC	0.074 lb/ac	1WK	63	57	3	67	100	70	63	67	63	
4B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
4C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
5A	SELECT	2.00 EC	0.094 lb/ac	1WK	63	53	0	67	93	73	50	80	80	
5B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
5C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
6A	SELECT	2.00 EC	0.043 lb/ac	1WK	67	60	7	67	73	67	77	97	77	
6B	PROWL	3.30 EC	1.000 lb/ac	1WK										
6C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
6D	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
6E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
7A	SELECT	2.00 EC	0.063 lb/ac	1WK	83	43	3	83	80	43	83	67	63	
7B	PROWL	3.30 EC	1.000 lb/ac	1WK										
7C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										

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TABLE S4020 MINIMUM TILL SOYBEAN EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----									
					GGGGG	BBBBB	CRIN	SETFA	AMBEL	XANST	POLPY	CHEAL	SOLPT	
8A	SELECT	2.00 EC	0.063 lb/ac	1WK	93	73	33	97	100	100	93	53	87	
8B	SUN-IT II	0.00 AD	1.000 qt/ac	1WK										
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK										
8D	PURSUIT	2.00 AS	0.063 lb/ac	MP										
8E	COBRA	2.00 E	0.100 lb/ac	MP										
8F	SUN-IT II	0.00 AD	0.500 qt/ac	MP										
8G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
9A	ROUNDUP	4.00 E	0.500 lb/ac	1WK	73	77	13	80	100	97	100	73	97	
9B	QUEST	0.00 AD	1.000 qt/ac	1WK										
9C	X-77	0.50 WA	0.250 †	1WK										
9D	PURSUIT	2.00 AS	0.063 lb/ac	MP										
9E	COBRA	2.00 E	0.100 lb/ac	MP										
9F	SUN-IT II	0.00 AD	0.500 qt/ac	MP										
9G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
10A	FUSION	2.66 EC	0.080 lb/ac	2WK	67	57	10	73	100	57	87	73	73	
10B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK										
10C	X-77	0.50 WA	0.250 †	2WK										
10D	REFLEX	2.00 LC	0.375 lb/ac	MP										
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	1WK	93	77	17	93	97	93	93	90	93	
11B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK										
11C	X-77	0.50 WA	0.250 †	1WK										
11D	DUAL	8.00 E	2.000 lb/ac	PRE										
11E	TORNADO	1.75 EC	0.475 lb/ac	MP										
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
12A	COMMAND	4.00 EC	1.000 lb/ac	2WK	87	83	13	90	100	80	100	100	73	
12B	CANOPY	75.00 DF	0.094 lb/ac	2WK										
12C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK										
12D	X-77	0.50 WA	0.250 †	2WK										
12E	REFLEX	2.00 LC	0.375 lb/ac	MP										
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
13A	COMMAND	4.00 EC	1.000 lb/ac	2WK	93	73	3	93	100	87	100	100	67	
13B	CANOPY	75.00 DF	0.280 lb/ac	2WK										
13C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK										
13D	X-77	0.50 WA	0.250 †	2WK										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4020 MINIMUM TILL SOYBEAN EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	AMBEL	XANST	POLPY	CHEAL	SOLPT
14A	COMMAND	4.00 EC	1.000 lb/ac	1WK	97	80	13	97	100	87	100	100	70
14B	CANOPY	75.00 DF	0.094 lb/ac	1WK									
14C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
14D	X-77	0.50 WA	0.250 %	1WK									
14E	REFLEX	2.00 LC	0.375 lb/ac	MP									
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
15A	COMMAND	4.00 EC	1.000 lb/ac	1WK	90	73	3	93	100	77	100	100	67
15B	CANOPY	75.00 DF	0.280 lb/ac	1WK									
15C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK									
15D	X-77	0.50 WA	0.250 %	1WK									
16A	COMMAND	4.00 EC	1.000 lb/ac	2WK	90	77	7	93	100	93	100	100	80
16B	ROUNDUP	4.00 E	1.000 lb/ac	2WK									
16C	X-77	0.50 WA	0.500 %	2WK									
16D	PURSUIT	2.00 AS	0.031 lb/ac	MP									
16E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
17A	COMMAND	4.00 EC	1.000 lb/ac	PRE	100	77	7	100	87	93	90	87	83
17B	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
17C	X-77	0.50 WA	0.500 %	PRE									
17D	PURSUIT	2.00 AS	0.031 lb/ac	MP									
17E	SUN-IT II	0.00 AD	0.750 qt/ac	MP									
17F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
18A	COMMAND	4.00 EC	1.000 lb/ac	2WK	73	67	3	77	97	63	100	100	93
18B	F6285	75.00 DF	0.375 lb/ac	2WK									
18C	ROUNDUP	4.00 E	1.000 lb/ac	2WK									
18D	X-77	0.50 WA	0.500 %	2WK									
19A	COMMAND	4.00 EC	1.000 lb/ac	PRE	93	83	0	97	90	87	100	100	90
19B	F6285	75.00 DF	0.375 lb/ac	PRE									
19C	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
19D	X-77	0.50 WA	0.500 %	PRE									
20	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0	0	0
			LSD(.05) :		16	15	8	16	20	26	21	19	18

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 19
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.3 O.M. : 4.50 %
DATE TREATED : 2WK APRIL 27
1WK MAY 5
PRE MAY 19
MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4020 MINIMUM TILL SOYBEAN EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETPA	AMBEL	KANST	POLPY	CHEAL	SOLFT
1A	SELECT	2.00 EC	0.031 lb/ac	1WK	0	67	90	50	67	83	60
1B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
1C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
1D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
2A	SELECT	2.00 EC	0.043 lb/ac	1WK	0	63	80	63	50	80	53
2B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
2C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
3A	SELECT	2.00 EC	0.063 lb/ac	1WK	0	50	90	67	70	90	50
3B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
3C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
3D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
4A	SELECT	2.00 EC	0.074 lb/ac	1WK	0	50	97	70	60	63	63
4B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
4C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
5A	SELECT	2.00 EC	0.094 lb/ac	1WK	0	53	90	67	33	80	80
5B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
5C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
6A	SELECT	2.00 EC	0.043 lb/ac	1WK	0	57	80	70	63	90	77
6B	PROWL	3.30 EC	1.000 lb/ac	1WK							
6C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
6D	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
6E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
7A	SELECT	2.00 EC	0.063 lb/ac	1WK	0	77	77	40	83	63	63
7B	PROWL	3.30 EC	1.000 lb/ac	1WK							
7C	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4020 MINIMUM TILL SOYBEAN EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	AMBEL	XANST	POLPY	CHEAL	SOLPT
8A	SELECT	2.00 EC	0.063 lb/ac	1WK	0	80	100	100	70	43	83
8B	SUN-IT II	0.00 AD	1.000 qt/ac	1WK							
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	1WK							
8D	PURSUIT	2.00 AS	0.063 lb/ac	MP							
8E	COBRA	2.00 E	0.100 lb/ac	MP							
8F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
8G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
9A	ROUNDUP	4.00 E	0.500 lb/ac	1WK	0	60	100	97	97	73	93
9B	QUEST	0.00 AD	1.000 qt/ac	1WK							
9C	X-77	0.50 WA	0.250 %	1WK							
9D	PURSUIT	2.00 AS	0.063 lb/ac	MP							
9E	COBRA	2.00 E	0.100 lb/ac	MP							
9F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
9G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
10A	FUSION	2.66 EC	0.080 lb/ac	2WK	0	57	100	50	80	80	73
10B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK							
10C	X-77	0.50 WA	0.250 %	2WK							
10D	REFLEX	2.00 LC	0.375 lb/ac	MP							
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	1WK	0	90	97	87	87	87	93
11B	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
11C	X-77	0.50 WA	0.250 %	1WK							
11D	DUAL	8.00 E	2.000 lb/ac	PRE							
11E	TORNADO	1.75 EC	0.475 lb/ac	MP							
11F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
12A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	80	100	83	100	100	73
12B	CANOPY	75.00 DF	0.094 lb/ac	2WK							
12C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK							
12D	X-77	0.50 WA	0.250 %	2WK							
12E	REFLEX	2.00 LC	0.375 lb/ac	MP							
12F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
13A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	80	100	83	100	100	67
13B	CANOPY	75.00 DF	0.280 lb/ac	2WK							
13C	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK							
13D	X-77	0.50 WA	0.250 %	2WK							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4020 MINIMUM TILL SOYBEAN EARLY PREPLANT II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	AMBEL	XANST	POLPY	CHEAL	SOLPT
14A	COMMAND	4.00 EC	1.000 lb/ac	1WK	0	83	100	83	100	100	70
14B	CANOPY	75.00 DF	0.094 lb/ac	1WK							
14C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
14D	X-77	0.50 WA	0.250 %	1WK							
14E	REFLEX	2.00 LC	0.375 lb/ac	MP							
14F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
15A	COMMAND	4.00 EC	1.000 lb/ac	1WK	0	80	100	77	100	100	60
15B	CANOPY	75.00 DF	0.280 lb/ac	1WK							
15C	WEEDONE 638	2.80 EC	0.500 lb/ac	1WK							
15D	X-77	0.50 WA	0.250 %	1WK							
16A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	77	97	77	97	100	73
16B	ROUNDUP	4.00 E	1.000 lb/ac	2WK							
16C	X-77	0.50 WA	0.500 %	2WK							
16D	PURSUIT	2.00 AS	0.031 lb/ac	MP							
16E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
17A	COMMAND	4.00 EC	1.000 lb/ac	PRE	0	87	83	93	77	87	83
17B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
17C	X-77	0.50 WA	0.500 %	PRE							
17D	PURSUIT	2.00 AS	0.031 lb/ac	MP							
17E	SUN-IT II	0.00 AD	0.750 qt/ac	MP							
17F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
18A	COMMAND	4.00 EC	1.000 lb/ac	2WK	0	70	97	53	100	100	93
18B	F6285	75.00 DF	0.375 lb/ac	2WK							
18C	ROUNDUP	4.00 E	1.000 lb/ac	2WK							
18D	X-77	0.50 WA	0.500 %	2WK							
19A	COMMAND	4.00 EC	1.000 lb/ac	PRE	0	83	90	87	100	100	90
19B	F6285	75.00 DF	0.375 lb/ac	PRE							
19C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
19D	X-77	0.50 WA	0.500 %	PRE							
20	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0	0
				LSD(.05) :	NS	16	21	20	28	21	20

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.3 O.M. : 4.50 %
DATE PLANTED : MAY 19 DATE TREATED : 2WK APRIL 27
VARIETY : FLYER 1WK MAY 5
PRE MAY 19
MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPL.-----			8 WEEKS AFTER APP				
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	CRIN	SETFA	AMBTR
1A	PROWL	3.30 EC	1.000 lb/ac	PRE	77	97	0	77	97	0	67	97
1B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
1C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
1D	X-77	0.50 WA	0.500 %	PRE								
2A	DUAL	8.00 E	2.000 lb/ac	PRE	73	97	0	73	97	0	60	93
2B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
2C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
2D	X-77	0.50 WA	0.500 %	PRE								
3A	LEXONE	75.00 DF	0.375 lb/ac	PRE	97	100	13	97	100	0	87	100
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE								
3C	X-77	0.50 WA	0.250 %	PRE								
3D	TORNADO	1.75 EC	0.438 lb/ac	MP								
3E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
4A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	50	100	0	50	100	0	37	100
4B	F6285	75.00 DF	0.313 lb/ac	PRE								
4C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
4D	X-77	0.50 WA	0.500 %	PRE								
5A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	53	97	0	53	97	0	40	97
5B	F6285	75.00 DF	0.375 lb/ac	PRE								
5C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
5D	X-77	0.50 WA	0.500 %	PRE								
6A	DUAL	8.00 E	2.000 lb/ac	PRE	53	100	3	53	100	0	40	100
6B	F6285	75.00 DF	0.313 lb/ac	PRE								
6C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
6D	X-77	0.50 WA	0.500 %	PRE								
7A	DUAL	8.00 E	2.000 lb/ac	PRE	47	93	0	47	93	0	37	93
7B	F6285	75.00 DF	0.375 lb/ac	PRE								
7C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
7D	X-77	0.50 WA	0.500 %	PRE								
8A	SCEPTER	70.00 DG	0.063 lb/ac	PRE	60	97	0	60	97	0	43	93
8B	F6285	75.00 DF	0.313 lb/ac	PRE								
8C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
8D	X-77	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPL.-----					----- 8 WEEKS AFTER APP		
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	CRIN	SETFA	AMBTR
9A	F6285	75.00 DF	0.313 lb/ac	PRE	93	97	0	93	97	0	90	97
9B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
9C	X-77	0.50 WA	0.500 %	PRE								
9D	SELECT	2.00 EC	0.094 lb/ac	MP								
9E	BASAGRAN	4.00 E	0.750 lb/ac	MP								
9F	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
10A	COMMAND	4.00 EC	0.750 lb/ac	PRE	83	97	0	83	97	0	70	97
10B	F6285	75.00 DF	0.375 lb/ac	PRE								
10C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
10D	X-77	0.50 WA	0.500 %	PRE								
11A	COMMAND	4.00 EC	0.750 lb/ac	PRE	100	100	3	100	100	0	87	100
11B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
11C	X-77	0.50 WA	0.500 %	PRE								
11D	PURSUIT	70.00 DF	0.031 lb/ac	MP								
11E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
11F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
12A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	57	100	0	57	100	0	43	100
12B	CANOPY	75.00 DF	0.280 lb/ac	PRE								
12C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
12D	X-77	0.50 WA	0.500 %	PRE								
13A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	63	100	0	63	100	0	47	100
13B	CANOPY	75.00 DF	0.280 lb/ac	PRE								
13C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
13D	X-77	0.50 WA	0.500 %	PRE								
14A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	70	100	0	70	100	0	53	100
14B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
14D	X-77	0.50 WA	0.500 %	PRE								
15A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	77	100	0	77	90	0	57	93
15B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
15C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
15D	X-77	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4026 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPL.-----				8 WEEKS AFTER APP			
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	CRIN	SETFA	AMBTR
16A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	83	100	0	83	100	0	73	100
16B	PURSUIT	70.00 DF	0.063 lb/ac	PRE								
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
16D	X-77	0.50 WA	0.500 %	PRE								
17A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	90	93	0	90	93	0	80	93
17B	PURSUIT	70.00 DF	0.063 lb/ac	PRE								
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
17D	X-77	0.50 WA	0.500 %	PRE								
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	77	100	10	77	100	0	53	100
18B	SENCOR	75.00 DF	0.500 lb/ac	PRE								
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
18D	X-77	0.50 WA	0.500 %	PRE								
18E	REFLEX	2.00 LC	0.375 lb/ac	MP								
18F	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
19A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	70	100	10	70	100	0	57	100
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
19C	X-77	0.50 WA	0.500 %	PRE								
19D	REFLEX	2.00 LC	0.375 lb/ac	MP								
19E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
20A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	70	100	7	70	100	0	50	100
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
20C	X-77	0.50 WA	0.500 %	PRE								
20D	REFLEX	2.00 LC	0.375 lb/ac	MP								
20E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
LSD (.05) :					16	7	4	16		NS	16	

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 19
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPL-----					--8 WEEKS AFTER APPL---				
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	AMBEL	CRIN	SETFA	AMBTR	AMBEL
1A	CANOPY	75.00 DF	0.280 lb/ac	PRE	100	93	20	100	93	93	0	90	93	93
1B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE										
1C	X-77	0.50 WA	0.250 %	PRE										
1D	TORNADO	1.75 EC	0.438 lb/ac	MP										
1E	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
2A	CANOPY	75.00 DF	0.375 lb/ac	PRE	50	80	3	50	87	80	0	40	83	77
2B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE										
2C	MAGNUM 90	0.00 WA	0.250 %	PRE										
3A	CANOPY	75.00 DF	0.375 lb/ac	PRE	47	80	0	47	87	80	0	47	87	80
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE										
3C	AG 98	0.00 WA	0.250 %	PRE										
4A	CANOPY	75.00 DF	0.375 lb/ac	PRE	70	73	0	70	80	73	0	63	80	73
4B	ROUNDUP	4.00 E	0.750 lb/ac	PRE										
4C	MAGNUM 90	0.00 WA	0.250 %	PRE										
5A	CANOPY	75.00 DF	0.375 lb/ac	PRE	70	67	0	70	73	63	0	57	73	63
5B	ROUNDUP	4.00 E	0.750 lb/ac	PRE										
5C	AG 98	0.00 WA	0.250 %	PRE										
6A	CANOPY	75.00 DF	0.375 lb/ac	PRE	53	77	3	53	90	77	0	40	87	77
6B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
6C	X-77	0.50 WA	0.500 %	PRE										
7A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	97	73	10	97	73	73	0	87	73	73
7B	X-77	0.50 WA	0.500 %	PRE										
7C	ASSURE II	0.80 E	0.055 lb/ac	MP										
7D	CLASSIC	25.00 DF	0.012 lb/ac	MP										
7E	X-77	0.50 WA	0.250 %	MP										
8A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	93	67	7	93	77	67	0	83	77	67
8B	X-77	0.50 WA	0.500 %	PRE										
8C	ASSURE II	0.80 E	0.055 lb/ac	MP										
8D	CLASSIC	25.00 DF	0.004 lb/ac	MP										
8E	PINNACLE	25.00 DF	0.004 lb/ac	MP										
8F	X-77	0.50 WA	0.250 %	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPL.-----			--8 WEEKS AFTER APPL---						
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	AMBEL	CRIN	SETFA	AMBTR	AMBEL
9A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	100	70	7	100	73	70	0	90	73	70
9B	CANOPY	75.00 DF	0.375 lb/ac	PRE										
9C	X-77	0.50 WA	0.500 %	PRE										
9D	ASSURE II	0.80 E	0.055 lb/ac	MP										
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
10A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	100	67	20	100	87	63	0	90	87	63
10B	X-77	0.50 WA	0.250 %	PRE										
10C	FUSION	2.66 EC	0.125 lb/ac	MP										
10D	REFLEX	2.00 LC	0.375 lb/ac	MP										
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	100	60	20	100	87	60	0	90	83	60
11B	X-77	0.50 WA	0.250 %	PRE										
11C	FUSION	2.66 EC	0.166 lb/ac	MP										
11D	REFLEX	2.00 LC	0.375 lb/ac	MP										
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP										
12A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	90	100	20	100	87	100	0	90	87	97
12B	COBRA	2.00 E	0.125 lb/ac	MP										
12C	PURSUIT	70.00 DF	0.063 lb/ac	MP										
12D	SUN-IT II	0.00 AD	0.500 qt/ac	MP										
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
12F	SELECT	2.00 EC	0.094 lb/ac	LP										
12G	SUN-IT II	0.00 AD	1.000 qt/ac	LP										
13A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	100	97	20	100	97	97	0	90	90	97
13B	COBRA	2.00 E	0.125 lb/ac	MP										
13C	BASAGRAN	4.00 E	0.500 lb/ac	MP										
13D	PINNACLE	25.00 DF	0.002 lb/ac	MP										
13E	SELECT	2.00 EC	0.094 lb/ac	MP										
13F	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
13G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
14A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	100	87	17	100	70	83	0	90	67	83
14B	X-77	0.50 WA	0.500 %	PRE										
14C	COBRA	2.00 E	0.125 lb/ac	MP										
14D	SELECT	2.00 EC	0.094 lb/ac	MP										
14E	SUN-IT II	0.00 AD	0.500 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4027 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPL.-----			--8 WEEKS AFTER APPL---						
					GGGGG	BBBBB	CRIN	SETFA	AMBTR	AMBEL	CRIN	SETFA	AMBTR	AMBEL
15A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	87	97	20	97	97	97	0	83	97	97
15B	X-77	0.50 WA	0.500 %	PRE										
15C	SELECT	2.00 EC	0.125 lb/ac	MP										
15D	PURSUIT	70.00 DF	0.063 lb/ac	MP										
15E	COBRA	2.00 E	0.125 lb/ac	MP										
15F	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
15G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
16A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	87	97	17	100	97	97	0	87	97	97
16B	X-77	0.50 WA	0.500 %	PRE										
16C	SELECT	2.00 EC	0.125 lb/ac	MP										
16D	CLASSIC	25.00 DF	0.008 lb/ac	MP										
16E	COBRA	2.00 E	0.125 lb/ac	MP										
16F	SUN-IT II	0.00 AD	0.500 qt/ac	MP										
16G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP										
17A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	83	70	3	83	83	70	0	73	83	67
17B	PROWL	3.30 EC	0.410 lb/ac	PRE										
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
17D	X-77	0.50 WA	0.500 %	PRE										
18A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	80	70	0	80	87	70	0	73	87	67
18B	PROWL	3.30 EC	0.410 lb/ac	PRE										
18C	SENCOR	75.00 DF	0.250 lb/ac	PRE										
18D	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
18E	X-77	0.50 WA	0.500 %	PRE										
19A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	80	80	7	80	93	77	0	67	93	77
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
19C	X-77	0.50 WA	0.500 %	PRE										
20A	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	83	67	0	83	83	67	0	77	83	67
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
20C	X-77	0.50 WA	0.500 %	PRE										
LSD(.05) :					22	24	6	20			NS	19		

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE) : 60 N,
DATE PLANTED : MAY 19
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 4.50 %
DATE TREATED : PRE MAY 19
MP JUNE 8
LP JUNE 10

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4028 MINIMUM-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	SOLEP	POLPY
9A	F6285	75.00 DF	0.313 lb/ac	PRE	90	60	0	90	70	47	30	97
9B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
9C	X-77	0.50 WA	0.500 %	PRE								
9D	SELECT	2.00 EC	0.094 lb/ac	MP								
9E	BASAGRAN	4.00 E	0.750 lb/ac	MP								
9F	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
10A	COMMAND	4.00 EC	0.750 lb/ac	PRE	80	60	3	80	77	57	60	63
10B	F6285	75.00 DF	0.375 lb/ac	PRE								
10C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
10D	X-77	0.50 WA	0.500 %	PRE								
11A	COMMAND	4.00 EC	0.750 lb/ac	PRE	87	73	33	87	83	83	80	67
11B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
11C	X-77	0.50 WA	0.500 %	PRE								
11D	PURSUIT	70.00 DF	0.031 lb/ac	MP								
11E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
11F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
12A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	67	63	33	70	63	57	53	73
12B	CANOPY	75.00 DF	0.280 lb/ac	PRE								
12C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
12D	X-77	0.50 WA	0.500 %	PRE								
13A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	73	63	0	73	60	53	57	57
13B	CANOPY	75.00 DF	0.280 lb/ac	PRE								
13C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
13D	X-77	0.50 WA	0.500 %	PRE								
14A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	70	53	0	77	67	37	37	53
14B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
14D	X-77	0.50 WA	0.500 %	PRE								
15A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	73	50	0	77	50	30	67	50
15B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
15C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
15D	X-77	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4028 MINIMUM-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY
1A	PROWL	3.30 EC	1.000 lb/ac	PRE	63	63	0	67	83	43	57	77
1B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
1C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
1D	X-77	0.50 WA	0.500 %	PRE								
2A	DUAL	8.00 E	2.000 lb/ac	PRE	70	43	0	70	60	30	37	53
2B	SCEPTER	70.00 DG	0.125 lb/ac	PRE								
2C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
2D	X-77	0.50 WA	0.500 %	PRE								
3A	LEKONE	75.00 DF	0.375 lb/ac	PRE	97	90	20	97	93	97	100	83
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE								
3C	X-77	0.50 WA	0.250 %	PRE								
3D	TORNADO	1.75 EC	0.438 lb/ac	MP								
3E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
4A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	63	40	0	67	67	27	77	33
4B	F6285	75.00 DF	0.313 lb/ac	PRE								
4C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
4D	X-77	0.50 WA	0.500 %	PRE								
5A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	67	40	0	70	53	23	53	40
5B	F6285	75.00 DF	0.375 lb/ac	PRE								
5C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
5D	X-77	0.50 WA	0.500 %	PRE								
6A	DUAL	8.00 E	2.000 lb/ac	PRE	70	47	0	73	50	30	57	30
6B	F6285	75.00 DF	0.313 lb/ac	PRE								
6C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
6D	X-77	0.50 WA	0.500 %	PRE								
7A	DUAL	8.00 E	2.000 lb/ac	PRE	43	40	0	50	50	30	53	33
7B	F6285	75.00 DF	0.375 lb/ac	PRE								
7C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
7D	X-77	0.50 WA	0.500 %	PRE								
8A	SCEPTER	70.00 DG	0.063 lb/ac	PRE	50	47	0	50	63	30	53	57
8B	F6285	75.00 DF	0.313 lb/ac	PRE								
8C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
8D	X-77	0.50 WA	0.500 %	PRE								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4028 MINIMUM-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----							
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY
16A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	80	57	0	80	77	40	70	30
16B	PURSUIT	70.00 DF	0.063 lb/ac	PRE								
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
16D	X-77	0.50 WA	0.500 %	PRE								
17A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	67	60	0	67	70	37	43	60
17B	PURSUIT	70.00 DF	0.063 lb/ac	PRE								
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
17D	X-77	0.50 WA	0.500 %	PRE								
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	80	90	17	83	97	90	97	80
18B	SENCOR	75.00 DF	0.500 lb/ac	PRE								
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
18D	X-77	0.50 WA	0.500 %	PRE								
18E	REFLEX	2.00 LC	0.375 lb/ac	MP								
18F	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
19A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	70	73	13	70	97	90	87	67
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
19C	X-77	0.50 WA	0.500 %	PRE								
19D	REFLEX	2.00 LC	0.375 lb/ac	MP								
19E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
20A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	70	80	10	77	97	83	90	70
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE								
20C	X-77	0.50 WA	0.500 %	PRE								
20D	REFLEX	2.00 LC	0.375 lb/ac	MP								
20E	SUN-IT II	0.00 AD	1.000 qt/ac	MP								
LSD(.05) :					21	17	5	24	31	22	38	38

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 19
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4028 MINIMUM-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY
1A	PROWL	3.30 EC	1.000 lb/ac	PRE	0	67	83	43	57	77
1B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
1C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
1D	X-77	0.50 WA	0.500 %	PRE						
2A	DUAL	8.00 E	2.000 lb/ac	PRE	0	57	63	30	37	53
2B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
2C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
2D	X-77	0.50 WA	0.500 %	PRE						
3A	LEXONE	75.00 DF	0.375 lb/ac	PRE	20	87	90	97	100	83
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE						
3C	X-77	0.50 WA	0.250 %	PRE						
3D	TORNADO	1.75 EC	0.438 lb/ac	MP						
3E	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
4A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	0	63	67	27	77	33
4B	F6285	75.00 DF	0.313 lb/ac	PRE						
4C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
4D	X-77	0.50 WA	0.500 %	PRE						
5A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	0	70	53	23	53	47
5B	F6285	75.00 DF	0.375 lb/ac	PRE						
5C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
5D	X-77	0.50 WA	0.500 %	PRE						
6A	DUAL	8.00 E	2.000 lb/ac	PRE	0	73	50	30	57	40
6B	F6285	75.00 DF	0.313 lb/ac	PRE						
6C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
6D	X-77	0.50 WA	0.500 %	PRE						
7A	DUAL	8.00 E	2.000 lb/ac	PRE	0	43	53	30	53	33
7B	F6285	75.00 DF	0.375 lb/ac	PRE						
7C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
7D	X-77	0.50 WA	0.500 %	PRE						
8A	SCEPTER	70.00 DG	0.063 lb/ac	PRE	0	50	63	30	53	57
8B	F6285	75.00 DF	0.313 lb/ac	PRE						
8C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
8D	X-77	0.50 WA	0.500 %	PRE						

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TABLE S4028 MINIMUM-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY
9A	F6285	75.00 DF	0.313 lb/ac	PRE	0	90	70	43	30	97
9B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
9C	X-77	0.50 WA	0.500 %	PRE						
9D	SELECT	2.00 EC	0.094 lb/ac	MP						
9E	BASAGRAN	4.00 E	0.750 lb/ac	MP						
9F	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
10A	COMMAND	4.00 EC	0.750 lb/ac	PRE	3	77	77	57	60	63
10B	F6285	75.00 DF	0.375 lb/ac	PRE						
10C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
10D	X-77	0.50 WA	0.500 %	PRE						
11A	COMMAND	4.00 EC	0.750 lb/ac	PRE	0	77	77	67	80	57
11B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
11C	X-77	0.50 WA	0.500 %	PRE						
11D	PURSUIT	70.00 DF	0.031 lb/ac	MP						
11E	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
11F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
12A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	3	60	70	43	53	63
12B	CANOPY	75.00 DF	0.280 lb/ac	PRE						
12C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
12D	X-77	0.50 WA	0.500 %	PRE						
13A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	63	60	53	57	57
13B	CANOPY	75.00 DF	0.280 lb/ac	PRE						
13C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
13D	X-77	0.50 WA	0.500 %	PRE						
14A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	63	67	37	37	47
14B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
14D	X-77	0.50 WA	0.500 %	PRE						
15A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	73	53	30	67	50
15B	SCEPTER	70.00 DG	0.125 lb/ac	PRE						
15C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
15D	X-77	0.50 WA	0.500 %	PRE						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4028 MINIMUM-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----					
					CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY
16A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	67	77	40	70	30
16B	PURSUIT	70.00 DF	0.063 lb/ac	PRE						
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
16D	X-77	0.50 WA	0.500 %	PRE						
17A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	0	60	67	37	43	50
17B	PURSUIT	70.00 DF	0.063 lb/ac	PRE						
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
17D	X-77	0.50 WA	0.500 %	PRE						
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	17	67	97	87	97	77
18B	SENCOR	75.00 DF	0.500 lb/ac	PRE						
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
18D	X-77	0.50 WA	0.500 %	PRE						
18E	REFLEX	2.00 LC	0.375 lb/ac	MP						
18F	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
19A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	10	57	90	83	87	63
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
19C	X-77	0.50 WA	0.500 %	PRE						
19D	REFLEX	2.00 LC	0.375 lb/ac	MP						
19E	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
20A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	10	60	97	80	90	53
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
20C	X-77	0.50 WA	0.500 %	PRE						
20D	REFLEX	2.00 LC	0.375 lb/ac	MP						
20E	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
LSD(.05) :					5	22	30	22	38	36

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : MAY 19
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
 DATE TREATED : PRE MAY 19
 MP JUNE 8

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4029 MINIMUM-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY	XANST
1A	CANOPY	75.00 DF	0.280 lb/ac	PRE	97	90	17	97	90	93	90	87	90
1B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE									
1C	X-77	0.50 WA	0.250 %	PRE									
1D	TORNADO	1.75 EC	0.438 lb/ac	MP									
1E	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
2A	CANOPY	75.00 DF	0.375 lb/ac	PRE	50	63	0	50	63	50	30	40	30
2B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE									
2C	MAGNUM 90	0.00 WA	0.250 %	PRE									
3A	CANOPY	75.00 DF	0.375 lb/ac	PRE	30	30	0	30	40	50	30	30	30
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE									
3C	AG 98	0.00 WA	0.250 %	PRE									
4A	CANOPY	75.00 DF	0.375 lb/ac	PRE	47	63	0	47	70	63	40	83	57
4B	ROUNDUP	4.00 E	0.750 lb/ac	PRE									
4C	MAGNUM 90	0.00 WA	0.250 %	PRE									
5A	CANOPY	75.00 DF	0.375 lb/ac	PRE	40	67	0	40	77	73	30	77	53
5B	ROUNDUP	4.00 E	0.750 lb/ac	PRE									
5C	AG 98	0.00 WA	0.250 %	PRE									
6A	CANOPY	75.00 DF	0.375 lb/ac	PRE	63	73	0	63	53	60	40	87	80
6B	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
6C	X-77	0.50 WA	0.500 %	PRE									
7A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	87	73	10	87	57	63	50	77	93
7B	X-77	0.50 WA	0.500 %	PRE									
7C	ASSURE II	0.80 E	0.055 lb/ac	MP									
7D	CLASSIC	25.00 DF	0.012 lb/ac	MP									
7E	X-77	0.50 WA	0.250 %	MP									
8A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	90	80	3	90	97	60	30	77	93
8B	X-77	0.50 WA	0.500 %	PRE									
8C	ASSURE II	0.80 E	0.055 lb/ac	MP									
8D	CLASSIC	25.00 DF	0.004 lb/ac	MP									
8E	PINNACLE	25.00 DF	0.004 lb/ac	MP									
8F	X-77	0.50 WA	0.250 %	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4029 MINIMUM-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY	XANST
9A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	93	77	10	93	73	60	40	70	73
9B	CANOPY	75.00 DF	0.375 lb/ac	PRE									
9C	X-77	0.50 WA	0.500 %	PRE									
9D	ASSURE II	0.80 E	0.055 lb/ac	MP									
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
10A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	97	47	23	97	70	83	57	33	87
10B	X-77	0.50 WA	0.250 %	PRE									
10C	FUSION	2.66 EC	0.125 lb/ac	MP									
10D	REFLEX	2.00 LC	0.375 lb/ac	MP									
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	93	57	23	93	70	93	77	43	90
11B	X-77	0.50 WA	0.250 %	PRE									
11C	FUSION	2.66 EC	0.166 lb/ac	MP									
11D	REFLEX	2.00 LC	0.375 lb/ac	MP									
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP									
12A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	97	87	17	97	90	90	90	83	87
12B	COBRA	2.00 E	0.125 lb/ac	MP									
12C	PURSUIT	70.00 DF	0.063 lb/ac	MP									
12D	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
12F	SELECT	2.00 EC	0.094 lb/ac	LP									
12G	SUN-IT II	0.00 AD	1.000 qt/ac	LP									
13A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	93	90	20	93	100	100	100	93	93
13B	COBRA	2.00 E	0.125 lb/ac	MP									
13C	BASAGRAN	4.00 E	0.500 lb/ac	MP									
13D	PINNACLE	25.00 DF	0.002 lb/ac	MP									
13E	SELECT	2.00 EC	0.094 lb/ac	MP									
13F	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
13G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
14A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	77	70	7	77	53	70	70	67	77
14B	X-77	0.50 WA	0.500 %	PRE									
14C	COBRA	2.00 E	0.125 lb/ac	MP									
14D	SELECT	2.00 EC	0.094 lb/ac	MP									
14E	SUN-IT II	0.00 AD	0.500 qt/ac	MP									

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4029 MINIMUM-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----								
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY	XANST
15A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	87	87	17	100	87	90	90	83	93
15B	X-77	0.50 WA	0.500 $\frac{1}{2}$	PRE									
15C	SELECT	2.00 EC	0.125 lb/ac	MP									
15D	PURSUIT	70.00 DF	0.063 lb/ac	MP									
15E	COBRA	2.00 E	0.125 lb/ac	MP									
15F	SUN-IT II	0.00 AD	1.000 qt/ac	MP									
15G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
16A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	100	90	13	100	90	93	87	83	70
16B	X-77	0.50 WA	0.500 $\frac{1}{2}$	PRE									
16C	SELECT	2.00 EC	0.125 lb/ac	MP									
16D	CLASSIC	25.00 DF	0.008 lb/ac	MP									
16E	COBRA	2.00 E	0.125 lb/ac	MP									
16F	SUN-IT II	0.00 AD	0.500 qt/ac	MP									
16G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP									
17A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	67	47	0	67	80	60	33	77	33
17B	PROWL	3.30 EC	0.410 lb/ac	PRE									
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
17D	X-77	0.50 WA	0.500 $\frac{1}{2}$	PRE									
18A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	60	70	0	60	73	57	37	70	57
18B	PROWL	3.30 EC	0.410 lb/ac	PRE									
18C	SENCOR	75.00 DF	0.250 lb/ac	PRE									
18D	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
18E	X-77	0.50 WA	0.500 $\frac{1}{2}$	PRE									
19A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	50	63	0	50	67	50	33	70	60
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
19C	X-77	0.50 WA	0.500 $\frac{1}{2}$	PRE									
20A	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	60	67	0	60	63	70	37	60	47
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE									
20C	X-77	0.50 WA	0.500 $\frac{1}{2}$	PRE									
				LSD (.05) :	23	16	7	21	26	24	30	25	32

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N,
DATE PLANTED : MAY 19
VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
60 P, 60 K, pH : 6.4 O.M. : 4.50 %
DATE TREATED : PRE MAY 19
MP JUNE 8
LP JUNE 10

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4029 MINIMUM-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY	XANST
1A	CANOPY	75.00 DF	0.280 lb/ac	PRE	17	90	87	93	83	83	90
1B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE							
1C	X-77	0.50 WA	0.250 †	PRE							
1D	TORNADO	1.75 EC	0.438 lb/ac	MP							
1E	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
2A	CANOPY	75.00 DF	0.375 lb/ac	PRE	0	43	60	50	30	40	30
2B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE							
2C	MAGNUM 90	0.00 WA	0.250 †	PRE							
3A	CANOPY	75.00 DF	0.375 lb/ac	PRE	0	30	40	50	30	30	30
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE							
3C	AG 98	0.00 WA	0.250 †	PRE							
4A	CANOPY	75.00 DF	0.375 lb/ac	PRE	0	47	70	63	40	83	53
4B	ROUNDUP	4.00 E	0.750 lb/ac	PRE							
4C	MAGNUM 90	0.00 WA	0.250 †	PRE							
5A	CANOPY	75.00 DF	0.375 lb/ac	PRE	0	40	73	73	30	77	47
5B	ROUNDUP	4.00 E	0.750 lb/ac	PRE							
5C	AG 98	0.00 WA	0.250 †	PRE							
6A	CANOPY	75.00 DF	0.375 lb/ac	PRE	0	57	53	60	40	83	73
6B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
6C	X-77	0.50 WA	0.500 †	PRE							
7A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	10	80	53	53	50	70	93
7B	X-77	0.50 WA	0.500 †	PRE							
7C	ASSURE II	0.80 E	0.055 lb/ac	MP							
7D	CLASSIC	25.00 DF	0.012 lb/ac	MP							
7E	X-77	0.50 WA	0.250 †	MP							
8A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	3	87	97	57	30	73	93
8B	X-77	0.50 WA	0.500 †	PRE							
8C	ASSURE II	0.80 E	0.055 lb/ac	MP							
8D	CLASSIC	25.00 DF	0.004 lb/ac	MP							
8E	PINNACLE	25.00 DF	0.004 lb/ac	MP							
8F	X-77	0.50 WA	0.250 †	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4029 MINIMUM-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY	XANST
9A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	10	93	73	53	40	70	73
9B	CANOPY	75.00 DF	0.375 lb/ac	PRE							
9C	X-77	0.50 WA	0.500 %	PRE							
9D	ASSURE II	0.80 E	0.055 lb/ac	MP							
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
10A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	23	97	70	83	57	30	87
10B	X-77	0.50 WA	0.250 %	PRE							
10C	FUSION	2.66 EC	0.125 lb/ac	MP							
10D	REFLEX	2.00 LC	0.375 lb/ac	MP							
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	23	90	63	97	77	37	87
11B	X-77	0.50 WA	0.250 %	PRE							
11C	FUSION	2.66 EC	0.166 lb/ac	MP							
11D	REFLEX	2.00 LC	0.375 lb/ac	MP							
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP							
12A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	17	83	83	83	90	70	87
12B	COBRA	2.00 E	0.125 lb/ac	MP							
12C	PURSUIT	70.00 DF	0.063 lb/ac	MP							
12D	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
12F	SELECT	2.00 EC	0.094 lb/ac	LP							
12G	SUN-IT II	0.00 AD	1.000 qt/ac	LP							
13A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	20	90	83	83	93	93	73
13B	COBRA	2.00 E	0.125 lb/ac	MP							
13C	BASAGRAN	4.00 E	0.500 lb/ac	MP							
13D	PINNACLE	25.00 DF	0.002 lb/ac	MP							
13E	SELECT	2.00 EC	0.094 lb/ac	MP							
13F	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
13G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
14A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	7	73	47	67	70	63	77
14B	X-77	0.50 WA	0.500 %	PRE							
14C	COBRA	2.00 E	0.125 lb/ac	MP							
14D	SELECT	2.00 EC	0.094 lb/ac	MP							
14E	SUN-IT II	0.00 AD	0.500 qt/ac	MP							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4029 MINIMUM-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----8 WEEKS AFTER APPLICATION-----						
					CRIN	SETFA	CHEAL	AMBEL	SOLPT	POLPY	XANST
15A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	17	80	77	70	90	53	93
15B	X-77	0.50 WA	0.500 ‡	PRE							
15C	SELECT	2.00 EC	0.125 lb/ac	MP							
15D	PURSUIT	70.00 DF	0.063 lb/ac	MP							
15E	COBRA	2.00 E	0.125 lb/ac	MP							
15F	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
15G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
16A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	13	93	77	90	77	53	67
16B	X-77	0.50 WA	0.500 ‡	PRE							
16C	SELECT	2.00 EC	0.125 lb/ac	MP							
16D	CLASSIC	25.00 DF	0.008 lb/ac	MP							
16E	COBRA	2.00 E	0.125 lb/ac	MP							
16F	SUN-IT II	0.00 AD	0.500 qt/ac	MP							
16G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
17A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	0	60	77	53	33	77	33
17B	PROWL	3.30 EC	0.410 lb/ac	PRE							
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
17D	X-77	0.50 WA	0.500 ‡	PRE							
18A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	0	53	73	57	37	70	53
18B	PROWL	3.30 EC	0.410 lb/ac	PRE							
18C	SENCOR	75.00 DF	0.250 lb/ac	PRE							
18D	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
18E	X-77	0.50 WA	0.500 ‡	PRE							
19A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	50	67	50	33	73	53
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
19C	X-77	0.50 WA	0.500 ‡	PRE							
20A	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	0	47	57	67	37	47	47
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
20C	X-77	0.50 WA	0.500 ‡	PRE							
				LSD(.05) :	7	21	26	25	30	25	30

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 60 N, 60 P, 60 K, pH : 6.4 O.M. : 4.50 %
DATE PLANTED : MAY 19 DATE TREATED : PRE MAY 19
VARIETY : FLYER MP JUNE 8
LP JUNE 10

FIELD # 500

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4016 SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLICATION-----				--4 WEEKS AFTER APPLICATION--							
					GGGGG	BBBBB	CRIN	SETFA	AMACH	SIDSP	PHBPU	CRIN	SETFA	AMACH	SIDSP	PHBPU
1A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	97	67	0	97	97	67	70	0	97	97	67	70
1B	X-77	0.50 WA	0.250 %	PRE												
1C	AC 299,263	1.00 AS	0.024 lb/ac	EMP												
1D	X-77	0.50 WA	0.250 %	EMP												
1E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
2A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	50	53	0	50	93	57	37	0	50	93	57	37
2B	X-77	0.50 WA	0.250 %	PRE												
2C	AC 299,263	1.00 AS	0.032 lb/ac	EMP												
2D	X-77	0.50 WA	0.250 %	EMP												
2E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
3A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	93	80	0	93	90	83	63	0	93	90	83	63
3B	X-77	0.50 WA	0.250 %	PRE												
3C	AC 299,263	1.00 AS	0.040 lb/ac	EMP												
3D	X-77	0.50 WA	0.250 %	EMP												
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
4A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	100	73	0	100	93	77	60	0	100	93	77	60
4B	X-77	0.50 WA	0.250 %	PRE												
4C	AC 299,263	1.00 AS	0.048 lb/ac	EMP												
4D	X-77	0.50 WA	0.250 %	EMP												
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
5A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	90	73	0	90	83	70	80	0	90	83	70	80
5B	X-77	0.50 WA	0.250 %	PRE												
5C	PURSUIT	70.00 DF	0.063 lb/ac	EMP												
5D	X-77	0.50 WA	0.250 %	EMP												
5E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EMP												
6A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	57	57	0	57	87	43	43	0	57	87	43	43
6B	X-77	0.50 WA	0.250 %	PRE												
7A	ROUNDUP	4.00 E	0.750 lb/ac	PRE	57	63	0	57	77	87	50	0	57	77	87	50
7B	X-77	0.50 WA	0.500 %	PRE												
7C	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE												
8A	ROUNDUP	4.00 E	0.750 lb/ac	PRE	73	70	0	73	80	80	60	0	73	80	80	60
8B	X-77	0.50 WA	0.500 %	PRE												
8C	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4016 SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLICATION-----						---4 WEEKS AFTER APPLICATION---					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	SIDSP	PHBPU	CRIN	SETFA	AMACH	SIDSP	PHBPU
9A	CANOPY	75.00 DF	0.188 lb/ac	PRE	37	53	0	37	73	50	50	0	37	73	50	50
9B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
10A	CANOPY	75.00 DF	0.230 lb/ac	PRE	33	50	0	33	60	47	50	0	33	60	47	50
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
11A	CANOPY	75.00 DF	0.280 lb/ac	PRE	30	50	0	30	63	53	53	0	30	63	53	53
11B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
12A	CANOPY	75.00 DF	0.375 lb/ac	PRE	43	43	0	43	60	43	57	0	43	60	43	57
12B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
13A	CANOPY	75.00 DF	0.188 lb/ac	PRE	33	53	0	33	63	53	57	0	33	63	53	57
13B	DUAL	8.00 E	1.500 lb/ac	PRE												
13C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
14A	CANOPY	75.00 DF	0.230 lb/ac	PRE	33	53	0	33	57	57	53	0	33	57	57	53
14B	DUAL	8.00 E	1.500 lb/ac	PRE												
14C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
15A	CANOPY	75.00 DF	0.280 lb/ac	PRE	37	47	0	33	73	37	43	0	33	73	37	43
15B	DUAL	8.00 E	1.500 lb/ac	PRE												
15C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
16A	CANOPY	75.00 DF	0.375 lb/ac	PRE	30	63	0	30	77	67	60	0	30	77	67	60
16B	DUAL	8.00 E	1.500 lb/ac	PRE												
16C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
17A	ROUNDUP	4.00 E	0.750 lb/ac	PRE	97	93	0	97	100	87	97	0	97	100	87	97
17B	X-77	0.50 WA	0.500 %	PRE												
17C	PURSUIT	70.00 DF	0.063 lb/ac	EP												
17D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP												
17E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	EP												
18A	LOROX PLUS	60.00 DF	0.660 lb/ac	PRE	77	73	0	77	93	70	60	0	77	93	70	60
18B	WEEDONE LV4	3.80 E	0.375 lb/ac	PRE												
18C	ASSURE II	0.80 E	0.055 lb/ac	MP												
18D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4016 SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLICATION-----						---4 WEEKS AFTER APPLICATION---					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	SIDSP	PHBPU	CRIN	SETFA	AMACH	SIDSP	PHBPU
19A	LOROX PLUS	60.00 DF	0.560 lb/ac	PRE	63	70	0	63	73	60	67	0	63	73	60	67
19B	CLASSIC	25.00 DF	0.008 lb/ac	MP												
19C	ASSURE II	0.80 E	0.055 lb/ac	MP												
19D	X-77	0.50 WA	0.250 †	MP												
20A	CANOPY	75.00 DF	0.280 lb/ac	PRE	97	97	10	97	97	97	97	17	97	97	97	97
20B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE												
20C	X-77	0.50 WA	0.250 †	PRE												
20D	TORNADO	1.75 EC	0.438 lb/ac	MP												
20E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
21A	CANOPY	75.00 DF	0.280 lb/ac	PRE	93	83	0	93	93	73	87	10	93	93	73	87
21B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE												
21C	X-77	0.50 WA	0.250 †	PRE												
21D	TYPHOON	1.41 SL	0.563 lb/ac	MP												
21E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
22A	CANOPY	75.00 DF	0.280 lb/ac	PRE	97	90	10	97	97	90	90	7	97	97	90	90
22B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE												
22C	X-77	0.50 WA	0.250 †	PRE												
22D	TORNADO	1.75 EC	0.438 lb/ac	MP												
22E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
23A	LEXONE	75.00 DF	0.375 lb/ac	PRE	97	80	23	97	90	77	80	10	97	90	77	80
23B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE												
23C	X-77	0.50 WA	0.250 †	PRE												
23D	TORNADO	1.75 EC	0.438 lb/ac	MP												
23E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
24A	ASSURE II	0.80 E	0.023 lb/ac	PRE	77	50	0	77	77	37	63	0	77	77	37	63
24B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	PRE												
24C	CLASSIC	25.00 DF	0.004 lb/ac	MP												
24D	PINNACLE	25.00 DF	0.004 lb/ac	MP												
24E	ASSURE II	0.80 E	0.060 lb/ac	MP												
24F	X-77	0.50 WA	0.250 †	MP												
25A	COMMAND	4.00 EC	0.500 lb/ac	PRE	80	70	0	80	90	67	67	0	80	90	67	67
25B	CANOPY	75.00 DF	0.094 lb/ac	PRE												
25C	ROUNDUP	4.00 E	0.750 lb/ac	PRE												
25D	X-77	0.50 WA	0.500 †	PRE												

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4016 SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLICATION-----						--4 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	SIDSP	PHBPU	CRIN	SETFA	AMACH	SIDSP	PHBPU
26A	COMMAND	4.00 EC	0.500 lb/ac	PRE	93	83	0	93	97	70	87	13	93	97	70	87
26B	ROUNDUP	4.00 E	0.750 lb/ac	PRE												
26C	X-77	0.50 WA	0.500 %	PRE												
26D	REFLEX	2.00 LC	0.375 lb/ac	MP												
26E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
27A	COMMAND	4.00 EC	0.500 lb/ac	PRE	100	80	0	100	97	63	87	17	100	97	63	87
27B	ROUNDUP	4.00 E	0.750 lb/ac	PRE												
27C	X-77	0.50 WA	0.500 %	PRE												
27D	TORNADO	1.75 EC	0.438 lb/ac	MP												
27E	SUN-IT II	0.00 AD	1.000 qt/ac	MP												
28A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	97	60	0	97	80	57	73	3	97	80	57	73
28B	X-77	0.50 WA	0.250 %	PRE												
28C	FUSION	2.66 EC	0.125 lb/ac	EP												
28D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP												
28E	REFLEX	2.00 LC	0.375 lb/ac	+3D												
28F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D												
29A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	83	83	0	83	97	87	73	0	83	97	83	73
29B	X-77	0.50 WA	0.250 %	PRE												
29C	FUSION	2.66 EC	0.125 lb/ac	EP												
29D	REFLEX	2.00 LC	0.375 lb/ac	EP												
29E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP												
30A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	87	70	0	87	87	73	63	0	87	87	73	63
30B	X-77	0.50 WA	0.250 %	PRE												
30C	SELECT	2.00 EC	0.125 lb/ac	EP												
30D	GALAXY	3.67 E	0.920 lb/ac	EP												
30E	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP												
30F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP												
31A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	83	80	0	83	93	70	83	0	83	93	70	83
31B	X-77	0.50 WA	0.250 %	PRE												
31C	SELECT	2.00 EC	0.125 lb/ac	EP												
31D	COBRA	2.00 E	0.100 lb/ac	EP												
31E	CLASSIC	25.00 DF	0.012 lb/ac	EP												
31F	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP												
31G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP												

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TABLE S4016 SOYBEANS DOUBLE CROP

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2 WEEKS AFTER APPLICATION-----						--4 WEEKS AFTER APPLICATION--					
					GGGGG	BBBBB	CRIN	SETFA	AMACH	SIDSP	PHBPU	CRIN	SETFA	AMACH	SIDSP	PHBPU
32A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	63	77	0	63	93	73	77	0	63	93	73	77
32B	X-77	0.50 WA	0.250 %	PRE												
32C	SELECT	2.00 EC	0.125 lb/ac	EP												
32D	COBRA	2.00 E	0.125 lb/ac	EP												
32E	BASAGRAN	4.00 E	0.750 lb/ac	EP												
32F	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	EP												
32G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP												
33A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	87	63	0	87	87	47	50	0	87	87	47	50
33B	X-77	0.50 WA	0.250 %	PRE												
33C	BUGLE	0.79 E	0.125 lb/ac	EP												
33D	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	EP												
33E	REFLEX	2.00 LC	0.375 lb/ac	+3D												
33F	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	+3D												
34	CHECK (UNCULTIVATED)	0.00 CK	0.000		100	100	0	100	100	100	100	0	100	100	100	100
LSD(.05) :					16	18	5	16	22	23	25	5	16	22	23	25

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 60 N,
 DATE PLANTED : 6/28
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 60 P, 60 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : PRE 6/28
 EP 7/19
 EMP 7/25
 MP
 7/28
 +3D 7/22

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TABLE S4002 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
1A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	77	0	70
1B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
2A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	63	0	47
2B	COBRA	2.00 E	0.100 lb/ac	16J				
2C	X-77	0.50 WA	0.250 qt/ac	16J				
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
3A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	77	0	73
3B	COBRA	2.00 E	0.100 lb/ac	16J				
3C	SELECT	2.00 EC	0.063 lb/ac	16J				
3D	X-77	0.50 WA	0.250 qt/ac	16J				
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
4A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	80	0	77
4B	SELECT	2.00 EC	0.063 lb/ac	16J				
4C	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
5A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	83	0	80
5B	SELECT	2.00 EC	0.094 lb/ac	16J				
5C	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
6A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	80	0	77
6B	SELECT	2.00 EC	0.125 lb/ac	16J				
6C	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
6D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
7A	PURSUIT	70.00 DF	0.032 lb/ac	16J	0	60	0	53
7B	REFLEX	2.00 LC	0.016 lb/ac	16J				
7C	X-77	0.50 WA	0.250 qt/ac	16J				
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
8A	SELECT	2.00 EC	0.063 lb/ac	16J	0	93	0	93
8B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
9A	SELECT	2.00 EC	0.078 lb/ac	16J	0	87	0	80
9B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				

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TABLE S4002 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
10A	SELECT	2.00 EC	0.094 lb/ac	16J	0	90	0	83
10B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
11A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	77	0	73
11B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
11C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
11D	SELECT	2.00 EC	0.063 lb/ac	+7D				
11E	SUN-IT II	0.00 AD	0.750 qt/ac	+7D				
12A	FUSION	2.66 EC	0.500 lb/ac	16J	0	87	0	87
12B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
13A	FUSILADE DX	2.00 EC	0.156 lb/ac	16J	0	93	0	90
13B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
14A	ASSURE II	0.80 E	0.060 lb/ac	16J	0	93	0	90
14B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
15A	ASSURE II	0.80 E	0.040 lb/ac	18J	0	97	0	93
15B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
15C	ASSURE II	0.80 E	0.040 lb/ac	+2W				
15D	SUN-IT II	0.00 AD	1.000 qt/ac	+2W				
16A	POAST PLUS	1.00 E	0.188 lb/ac	16J	0	90	0	90
16B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
17A	AC 299,263	1.00 AS	0.024 lb/ac	10J	0	40	0	27
17B	X-77	0.50 WA	0.250 %	10J				
17C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
18A	AC 299,263	1.00 AS	0.024 lb/ac	16J	0	70	0	63
18B	X-77	0.50 WA	0.250 %	16J				
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
19A	AC 299,263	1.00 AS	0.032 lb/ac	10J	0	57	0	43
19B	X-77	0.50 WA	0.250 %	10J				
19C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
20A	AC 299,263	1.00 AS	0.032 lb/ac	16J	0	80	0	80
20B	X-77	0.50 WA	0.250 %	16J				
20C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				

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TABLE S4002 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
21A	AC 299,263	1.00 AS	0.040 lb/ac	10J	0	77	0	77
21B	X-77	0.50 WA	0.250 %	10J				
21C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
22A	AC 299,263	1.00 AS	0.040 lb/ac	16J	0	80	0	80
22B	X-77	0.50 WA	0.250 %	16J				
22C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
23A	AC 299,263	1.00 AS	0.048 lb/ac	10J	0	57	0	53
23B	X-77	0.50 WA	0.250 %	10J				
23C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
24A	AC 299,263	1.00 AS	0.048 lb/ac	16J	0	50	0	40
24B	X-77	0.50 WA	0.250 %	16J				
24C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
25A	AC 299,263	1.00 AS	0.063 lb/ac	10J	0	77	0	70
25B	X-77	0.50 WA	0.250 %	10J				
25C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
26A	AC 299,263	1.00 AS	0.063 lb/ac	16J	0	83	0	77
26B	X-77	0.50 WA	0.250 %	16J				
26C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
27	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0
28	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0
LSD(.05) :					NS	19	NS	21

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE) : 0 N,
 DATE PLANTED : MAY 25
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : 10J JUNE 7
 16J JUNE 9
 18J JUNE 10
 +7D JUNE 14
 +2WK JUNE 21

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TABLE S4003 SOYBEAN JOHNSONGRASS POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
1A	SELECT	2.00 EC	0.094 lb/ac	18J	0	80	0	87
1B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
2A	V-10016	0.00 GEL	0.094 lb/ac	18J	3	90	0	90
2B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
3A	SELECT	2.00 EC	0.094 lb/ac	18J	10	73	0	73
3B	PURSUIT	70.00 DF	0.063 lb/ac	18J				
3C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
4A	V-10016	0.00 GEL	0.094 lb/ac	18J	0	77	0	77
4B	PURSUIT	70.00 DF	0.063 lb/ac	18J				
4C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
5A	SELECT	2.00 EC	0.094 lb/ac	18J	10	80	0	80
5B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
5C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
6A	SELECT	2.00 EC	0.125 lb/ac	18J	7	73	0	77
6B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
6C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
7A	V-10016	0.00 GEL	0.094 lb/ac	18J	3	80	0	80
7B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
7C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
8A	V-10016	0.00 GEL	0.125 lb/ac	18J	7	80	0	80
8B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
8C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
9A	SELECT	2.00 EC	0.094 lb/ac	18J	13	77	0	87
9B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
9C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
10A	SELECT	2.00 EC	0.125 lb/ac	18J	3	80	0	80
10B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
10C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
11A	V-10016	0.00 GEL	0.094 lb/ac	18J	7	83	0	83
11B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
11C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				

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TABLE S4003 SOYBEAN JOHNSONGRASS POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
12A	V-10016	0.00 GEL	0.125 lb/ac	18J	13	83	0	83
12B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
12C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
13A	SELECT	2.00 EC	0.063 lb/ac	125	0	77	0	87
13B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
14A	SELECT	2.00 EC	0.094 lb/ac	125	0	80	0	87
14B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
15A	SELECT	2.00 EC	0.125 lb/ac	125	0	87	0	93
15B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
16A	FUSILADE DX	2.00 EC	0.094 lb/ac	125	0	77	0	80
16B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
17A	FUSILADE DX	2.00 EC	0.188 lb/ac	125	0	80	0	83
17B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
18A	ASSURE II	0.80 E	0.032 lb/ac	125	0	77	0	83
18B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
19A	ASSURE II	0.80 E	0.063 lb/ac	125	0	53	0	53
19B	SUN-IT II	0.00 AD	1.000 qt/ac	125				
20A	ASSURE II	0.80 E	0.040 lb/ac	18J	0	80	0	93
20B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
20C	ASSURE II	0.80 E	0.040 lb/ac	+2W				
20D	SUN-IT II	0.00 AD	1.000 qt/ac	+2W				
21A	FUSILADE DX	2.00 EC	0.188 lb/ac	12J	0	87	0	87
21B	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
22A	FUSILADE DX	2.00 EC	0.188 lb/ac	12J	13	73	0	70
22B	REFLEX	2.00 LC	0.375 lb/ac	12J				
22C	SUN-IT II	0.00 AD	1.000 qt/ac	12J				
23A	BUGLE	0.79 E	0.060 lb/ac	12J	0	87	0	90
23B	FUSILADE DX	2.00 EC	0.094 lb/ac	12J				
23C	HERBIMAX	0.00 AD	1.000 qt/ac	12J				

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TABLE S4003 SOYBEAN JOHNSONGRASS POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
24	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0
LSD(.05) :					8	17	NS	18

LOCATION : SPINDLETOP FARM
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : MAY 25
 VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 3.30 %
 DATE TREATED : 12J JUNE 7
 18J JUNE 10
 +2W JUNE 14

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TABLE S4004 SOYBEAN POST JOHNSONGRASS III

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	--4 WEEK--		--8 WEEK--	
					CRIN	SORHA	CRIN	SORHA
1A	ASSURE II	0.80 E	0.031 lb/ac	18J	10	90	0	93
1B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
2A	ASSURE II	0.80 E	0.062 lb/ac	18J	13	97	0	93
2B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
3A	FUSILADE DX	2.00 EC	0.093 lb/ac	18J	10	93	0	93
3B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
4A	FUSILADE DX	2.00 EC	0.188 lb/ac	18J	10	93	0	97
4B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
5A	FUSION	2.66 EC	0.124 lb/ac	18J	10	93	0	97
5B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
6A	FUSION	2.66 EC	0.166 lb/ac	18J	10	93	0	90
6B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
7A	POAST PLUS	1.00 E	0.180 lb/ac	18J	10	83	0	90
7B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
8A	POAST PLUS	1.00 E	0.280 lb/ac	18J	10	87	0	90
8B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
9A	SELECT	2.00 EC	0.093 lb/ac	18J	10	90	0	90
9B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
10A	SELECT	2.00 EC	0.125 lb/ac	18J	10	97	0	93
10B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
11A	PURSUIT	70.00 DF	0.063 lb/ac	18J	10	73	0	53
11B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	18J				
11C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
12	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0
				LSD(.05) :	3	12	NS	7

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 0 N,
DATE PLANTED : MAY 17
VARIETY : FLYER

SOIL TYPE : MAURY SILT LOAM
0 P, 0 K, pH : 6.4 O.M. : 3.30 %
DATE TREATED : 18J JUNE 10

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4106 CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----					-----8 WEEKS-----				
					CRIN	DIGSA	CYPES	IPOHE	AMBTR	CRIN	DIGSA	CYPES	IPOHE	AMBTR
1A	BICEP II	5.90 L	3.600 lb/ac	2WK	7	60	70	70	90	3	50	43	63	87
1B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
1C	X-77	0.50 WA	0.500 ‡	2WK										
1D	BEACON	75.00 WDG	0.036 lb/ac	MP										
1E	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
2A	BICEP II	5.90 L	3.600 lb/ac	2WK	7	90	83	77	90	3	83	73	63	90
2B	WEEDONE 638	2.80 EC	0.500 lb/ac	2WK										
2C	X-77	0.50 WA	0.250 ‡	2WK										
2D	BEACON	75.00 WDG	0.036 lb/ac	MP										
2E	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
3A	BICEP II	5.90 L	3.600 lb/ac	PRE	7	93	90	87	100	0	90	83	83	100
3B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
3C	X-77	0.50 WA	0.500 ‡	PRE										
3D	BEACON	75.00 WDG	0.036 lb/ac	MP										
3E	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
4A	BICEP II	5.90 L	3.600 lb/ac	PRE	3	100	93	97	97	0	93	83	90	93
4B	WEEDAR 64	4.00 E	0.500 lb/ac	PRE										
4C	X-77	0.50 WA	0.250 ‡	PRE										
4D	BEACON	75.00 WDG	0.036 lb/ac	MP										
4E	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
5A	HARNES PLUS	7.00 E	2.000 lb/ac	2WK	0	40	40	73	60	0	40	33	57	37
5B	AATREX	4.00 L	1.500 lb/ac	2WK										
5C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
5D	X-77	0.50 WA	0.500 ‡	2WK										
6A	HARNES PLUS	7.00 E	2.000 lb/ac	PRE	3	83	73	83	93	3	87	73	83	93
6B	AATREX	4.00 L	1.500 lb/ac	PRE										
6C	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
6D	X-77	0.50 WA	0.500 ‡	PRE										
7A	HARNES PLUS	7.00 E	2.000 lb/ac	2WK	3	47	53	73	47	0	47	27	47	65
7B	BATTALION	15.00 DF	0.063 lb/ac	2WK										
7C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
7D	X-77	0.50 WA	0.500 ‡	2WK										

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TABLE C4106 CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----					-----8 WEEKS-----				
					CRIN	DIGSA	CYPES	IPOHE	AMBTR	CRIN	DIGSA	CYPES	IPOHE	AMBTR
8A	HARNES PLUS	7.00 E	2.000 lb/ac	PRE	3	93	93	73	80	0	90	90	67	80
8B	BATTALION	15.00 DF	0.063 lb/ac	PRE										
8C	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
8D	X-77	0.50 WA	0.500 %	PRE										
9A	HARNES PLUS	7.00 E	2.000 lb/ac	2WK	10	40	40	67	47	10	27	27	60	33
9B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
9C	X-77	0.50 WA	0.500 %	2WK										
9D	PERMIT	75.00 DF	0.032 lb/ac	LP										
9E	X-77	0.50 WA	0.250 %	LP										
10A	HARNES PLUS	7.00 E	2.000 lb/ac	PRE	3	90	90	73	73	0	87	83	67	67
10B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
10C	X-77	0.50 WA	0.500 %	PRE										
10D	PERMIT	75.00 DF	0.032 lb/ac	LP										
10E	X-77	0.50 WA	0.250 %	LP										
11A	BULLET	4.00 L	4.000 lb/ac	2WK	3	47	57	67	53	0	33	57	57	43
11B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
11C	X-77	0.50 WA	0.500 %	2WK										
11D	PERMIT	75.00 DF	0.032 lb/ac	LP										
11E	X-77	0.50 WA	0.250 %	LP										
12A	BULLET	4.00 L	4.000 lb/ac	PRE	10	93	83	90	97	3	93	93	87	97
12B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
12C	X-77	0.50 WA	0.500 %	PRE										
12D	PERMIT	75.00 DF	0.032 lb/ac	LP										
12E	X-77	0.50 WA	0.250 %	LP										
13A	GUARDSMAN	5.00 SE	2.800 lb/ac	2WK	20	57	57	93	97	3	37	43	93	97
13B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
13C	X-77	0.50 WA	0.500 %	2WK										
13D	CLARITY	4.00 S	0.500 lb/ac	MP										
13E	X-77	0.50 WA	0.250 %	MP										
13F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4106 CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----					-----8 WEEKS-----				
					CRIN	DIGSA	CYPES	IPOHE	AMBTR	CRIN	DIGSA	CYPES	IPOHE	AMBTR
14A	GUARDSMAN	5.00 SE	2.800 lb/ac	PRE	20	93	77	100	100	13	90	60	100	100
14B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
14C	X-77	0.50 WA	0.500 %	PRE										
14D	CLARITY	4.00 S	0.500 lb/ac	MP										
14E	X-77	0.50 WA	0.250 %	MP										
14F	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP										
15A	FRONTIER	7.50 L	1.200 lb/ac	2WK	20	40	40	93	93	7	33	33	87	93
15B	AATREX	4.00 L	1.500 lb/ac	2WK										
15C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
15D	X-77	0.50 WA	0.500 %	2WK										
15E	CLARITY	4.00 S	0.500 lb/ac	MP										
15F	X-77	0.50 WA	0.250 %	MP										
15G	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP										
16A	FRONTIER	7.50 L	1.200 lb/ac	PRE	20	97	87	97	100	7	90	80	97	100
16B	AATREX	4.00 L	1.500 lb/ac	PRE										
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
16D	X-77	0.50 WA	0.500 %	PRE										
16E	CLARITY	4.00 S	0.500 lb/ac	MP										
16F	X-77	0.50 WA	0.250 %	MP										
16G	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP										
17A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	2WK	0	47	47	40	13	0	27	27	30	7
17B	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
17C	X-77	0.50 WA	0.500 %	2WK										
18A	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	0	90	80	33	27	0	87	83	33	20
18B	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
18C	X-77	0.50 WA	0.500 %	PRE										
19A	DUAL II	7.80 E	2.500 lb/ac	2WK	0	33	53	63	43	0	20	40	57	30
19B	BROADSTRIKE PLUS	85.60 WP	0.210 lb/ac	2WK										
19C	ROUNDUP	4.00 E	1.000 lb/ac	2WK										
19D	X-77	0.50 WA	0.500 %	2WK										
20A	DUAL II	7.80 E	2.000 lb/ac	PRE	3	93	93	93	63	3	90	87	93	97
20B	BROADSTRIKE PLUS	85.60 WP	0.170 lb/ac	PRE										
20C	ROUNDUP	4.00 E	1.000 lb/ac	PRE										
20D	X-77	0.50 WA	0.500 %	PRE										

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4106 CORN EARLY PREPLANT

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----					-----8 WEEKS-----				
					CRIN	DIGSA	CYPES	IPOHE	AMBTR	CRIN	DIGSA	CYPES	IPOHE	AMBTR
21A	EXTRAZINE II	90.00 DF	4.000 lb/ac	2WK	7	90	70	73	73	0	77	70	57	53
21B	ACCENT	75.00 DF	0.031 lb/ac	MP										
21C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
21D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP										
22A	EXTRAZINE II	90.00 DF	4.000 lb/ac	PRE	13	100	93	100	100	3	97	93	90	97
22B	ACCENT	75.00 DF	0.031 lb/ac	MP										
22C	SUN-IT II	0.00 AD	1.000 qt/ac	MP										
22D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	MP										
23A	ICIA 5676	3.20 CS	1.800 lb/ac	2WK	20	37	37	57	80	0	13	13	27	60
23B	AATREX	4.00 L	1.500 lb/ac	2WK										
23C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	2WK										
23D	X-77	0.50 WA	0.250 %	2WK										
24A	ICIA 5676	3.20 CS	1.800 lb/ac	PRE	7	100	90	73	73	3	93	80	80	73
24B	AATREX	4.00 L	1.500 lb/ac	PRE										
24C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE										
24D	X-77	0.50 WA	0.250 %	PRE										
25A	SURPASS	6.40 E	1.800 lb/ac	2WK	3	67	63	93	60	0	70	63	83	60
25B	AATREX	4.00 L	1.500 lb/ac	2WK										
25C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	2WK										
25D	X-77	0.50 WA	0.250 %	2WK										
26A	SURPASS	6.40 E	1.800 lb/ac	PRE	13	93	80	90	87	7	83	73	83	80
26B	AATREX	4.00 L	1.500 lb/ac	PRE										
26C	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE										
26D	X-77	0.50 WA	0.250 %	PRE										
LSD (.05) :					8	21	31	31	36	8	21	31	32	36

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 150 N,
 DATE PLANTED : 5/10
 VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
 DATE TREATED : 2WK 4/20
 PRE 5/10
 MP 6/8
 LP 6/23

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4115 CORN PREPLANT INCORPORATED (IR)

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS-----				-----8 WEEKS-----			
					CRIN	SETFA	IPOHE	AMACH	CRIN	SETFA	IPOHE	AMACH
1	SCEPTER	70.00 DG	0.094 lb/ac	PPI	13	60	0	73	0	70	57	93
2	SCEPTER	70.00 DG	0.125 lb/ac	PPI	20	60	3	73	0	50	60	90
3	FRONTIER	7.50 EC	0.900 lb/ac	PPI	7	40	0	57	0	67	30	70
4	FRONTIER	7.50 EC	1.300 lb/ac	PPI	13	57	0	83	7	67	37	80
5	AATREX	4.00 L	1.000 lb/ac	PPI	13	67	0	77	3	73	30	93
6	BLADEX	90.00 DF	1.500 lb/ac	PPI	13	73	0	73	3	37	20	93
7	SCEPTER + FRONTIER	4.10 EC	1.025 lb/ac	PPI	13	50	0	70	3	63	40	90
8A	SCEPTER + FRONTIER	4.10 EC	1.025 lb/ac	PPI	13	57	7	87	3	90	70	93
8B	AATREX	4.00 L	1.000 lb/ac	PPI								
9A	SCEPTER + FRONTIER	4.10 EC	1.025 lb/ac	PPI	17	50	3	73	0	80	80	93
9B	BLADEX	90.00 DF	1.500 lb/ac	PPI								
10	SCEPTER + PURSUIT	70.00 DF	0.110 lb/ac	PPI	10	43	0	53	0	37	10	70
11	SCEPTER + PURSUIT	70.00 DF	0.126 lb/ac	PPI	17	47	0	67	3	70	37	90
12A	SCEPTER + PURSUIT	70.00 DF	0.126 lb/ac	PPI	20	60	3	67	3	83	67	90
12B	FRONTIER	7.50 EC	0.750 lb/ac	PPI								
13	PURSUIT + FRONTIER	6.50 EC	0.813 lb/ac	PPI	17	60	0	70	0	87	47	90
14A	CONTOUR	3.38 SC	0.563 lb/ac	PPI	13	53	0	67	0	73	47	93
14B	AATREX	4.00 L	0.500 lb/ac	PPI								
14C	FRONTIER	7.50 EC	0.750 lb/ac	PPI								
15	BICEP	6.00 L	3.600 lb/ac	PPI	13	50	0	73	0	77	60	90
16	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0	0	10	10	10
			LSD(.05) :		9	35	5	38	9	35	5	38

LOCATION : PRINCETON

FERTILIZER APPLIED (LB/ACRE): 250 N,

DATE PLANTED : 5/19

VARIETY : PIONEER 3245 IR

SOIL TYPE : CRIDER SILT LOAM

0 P, 0 K, pH : 6.4 O.M. : 1.50 %

DATE TREATED : PPI 5/18

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4114 CORN JOHNSONGRASS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4WK----		----8WK----	
					CRIN	SORHA	CRIN	SORHA
1	BICEP II	5.90 L	3.000 lb/ac	PRE	0	0	0	0
2A	BICEP LITE	5.00 L	3.000 lb/ac	PRE	17	73	0	80
2B	BEACON	75.00 WDG	0.018 lb/ac	18J				
2C	ACCENT	75.00 DF	0.018 lb/ac	18J				
2D	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
3A	DUAL II	7.80 E	2.000 lb/ac	PRE	20	77	0	83
3B	BEACON	75.00 WDG	0.018 lb/ac	18J				
3C	ACCENT	75.00 DF	0.018 lb/ac	18J				
3D	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
4A	BEACON	75.00 WDG	0.036 lb/ac	18J	13	60	0	50
4B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
5A	BEACON	75.00 WDG	0.036 lb/ac	18J	17	57	3	50
5B	AG 98	0.00 WA	0.250 %	18J				
6A	BEACON	75.00 WDG	0.036 lb/ac	18J	13	57	0	63
6B	MAGNUM 90	0.00 WA	0.250 %	18J				
7A	BEACON	75.00 WDG	0.036 lb/ac	18J	17	67	0	57
7B	HERBIMAX	0.00 AD	1.000 qt/ac	18J				
8A	BEACON	75.00 WDG	0.018 lb/ac	18J	13	50	3	43
8B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
9A	BEACON	75.00 WDG	0.018 lb/ac	18J	10	60	3	87
9B	ACCENT	75.00 DF	0.018 lb/ac	18J				
9C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
10A	ACCENT	75.00 DF	0.016 lb/ac	18J	17	53	3	77
10B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	18J				
11A	ACCENT	75.00 DF	0.031 lb/ac	18J	10	73	0	83
11B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
11C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	18J				
12A	ACCENT	75.00 DF	0.031 lb/ac	18J	13	63	0	87
12B	WEEDAR 64	4.00 E	0.250 lb/ac	18J				
12C	X-77	0.50 WA	0.250 %	18J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4114 CORN JOHNSONGRASS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4WK----		----8WK----	
					CRIN	SORHA	CRIN	SORHA
13A	ACCENT	75.00 DF	0.031 lb/ac	18J	20	60	0	83
13B	AG 98	0.00 WA	0.250 %	18J				
14A	ACCENT	75.00 DF	0.031 lb/ac	18J	17	37	0	77
14B	MAGNUM 90	0.00 WA	0.250 %	18J				
15A	ACCENT	75.00 DF	0.031 lb/ac	18J	17	43	0	80
15B	HERBIMAX	0.00 AD	1.000 qt/ac	18J				
16A	BEACON	75.00 WDG	0.018 lb/ac	18J	20	53	3	83
16B	ACCENT	75.00 DF	0.018 lb/ac	18J				
16C	AG 98	0.00 WA	0.250 %	18J				
17A	BEACON	75.00 WDG	0.018 lb/ac	18J	20	63	0	83
17B	ACCENT	75.00 DF	0.018 lb/ac	18J				
17C	MAGNUM 90	0.00 WA	0.250 %	18J				
18A	BEACON	75.00 WDG	0.018 lb/ac	18J	20	73	0	77
18B	ACCENT	75.00 DF	0.018 lb/ac	18J				
18C	HERBIMAX	0.00 AD	1.000 qt/ac	18J				
19A	BEACON	75.00 WDG	0.036 lb/ac	18J	13	67	0	60
19B	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	18J				
20A	ACCENT	75.00 DF	0.031 lb/ac	18J	17	57	0	80
20B	RIVERSIDE METH OIL	0.00 AD	1.000 qt/ac	18J				
21A	ACCENT	75.00 DF	0.031 lb/ac	18J	13	60	0	83
21B	K2000	0.00 AD	1.000 qt/ac	18J				
22A	ACCENT	75.00 DF	0.031 lb/ac	18J	13	57	3	80
22B	K2000	0.00 AD	1.000 qt/ac	18J				
22C	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	18J				
23A	BEACON	75.00 WDG	0.036 lb/ac	18J	10	50	0	67
23B	K2000	0.00 AD	1.000 qt/ac	18J				
24A	ACCENT	75.00 DF	0.016 lb/ac	18J	10	47	0	90
24B	BEACON	75.00 WDG	0.018 lb/ac	18J				
24C	K2000	0.00 AD	1.000 qt/ac	18J				

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE C4114 CORN JOHNSONGRASS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----4WK----		----8WK----	
					CRIN	SORHA	CRIN	SORHA
25A	ACCENT	75.00 DF	0.031 lb/ac	18J	17	63	0	87
25B	CLARITY	4.00 S	0.250 lb/ac	18J				
25C	K2000	0.00 AD	1.000 qt/ac	18J				
26A	ACCENT	75.00 DF	0.031 lb/ac	18J	13	50	0	87
26B	CLARITY	4.00 S	0.250 lb/ac	18J				
26C	K2000	0.00 AD	1.000 qt/ac	18J				
26D	LIQUID FERTILIZER	0.00 AD	4.000 qt/ac	18J				
LSD(.05) :					NS	14	NS	14

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 250 N,
 DATE PLANTED : 5/10
 VARIETY : PIONEER 3320

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.20 %
 DATE TREATED : PRE 5/10
 18J 6/7

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4126 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----		
					CRIN	TAROF	AMBTR	DIGSA	CRIN	TAROF	DIGSA
1A	PROWL	3.30 EC	1.000 lb/ac	PRE	3	50	100	97	0	53	87
1B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
1C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
1D	X-77	0.50 WA	0.500 %	PRE							
2A	DUAL	8.00 E	2.000 lb/ac	PRE	10	63	100	97	0	67	87
2B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
2C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
2D	X-77	0.50 WA	0.500 %	PRE							
3A	LEXONE	75.00 DF	0.375 lb/ac	PRE	10	20	100	97	0	30	80
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE							
3C	X-77	0.50 WA	0.250 %	PRE							
3D	TORNADO	1.75 EC	0.438 lb/ac	MP							
3E	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
4A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	7	57	87	87	0	57	73
4B	F6285	75.00 DF	0.313 lb/ac	PRE							
4C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
4D	X-77	0.50 WA	0.500 %	PRE							
5A	FRONTIER	7.50 EC	1.400 lb/ac	PRE	0	70	100	83	0	67	77
5B	F6285	75.00 DF	0.375 lb/ac	PRE							
5C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
5D	X-77	0.50 WA	0.500 %	PRE							
6A	DUAL	8.00 E	2.000 lb/ac	PRE	3	73	83	77	20	73	77
6B	F6285	75.00 DF	0.313 lb/ac	PRE							
6C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
6D	X-77	0.50 WA	0.500 %	PRE							
7A	DUAL	8.00 E	2.000 lb/ac	PRE	3	60	100	87	0	47	77
7B	F6285	75.00 DF	0.375 lb/ac	PRE							
7C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
7D	X-77	0.50 WA	0.500 %	PRE							
8A	SCEPTER	70.00 DG	0.063 lb/ac	PRE	7	70	100	90	0	67	80
8B	F6285	75.00 DF	0.313 lb/ac	PRE							
8C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
8D	X-77	0.50 WA	0.500 %	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4126 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----		
					CRIN	TAROF	AMBTR	DIGSA	CRIN	TAROF	DIGSA
9A	F6285	75.00 DF	0.313 lb/ac	PRE	3	83	100	97	0	87	93
9B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
9C	X-77	0.50 WA	0.500 %	PRE							
9D	SELECT	2.00 EC	0.094 lb/ac	MP							
9E	BASAGRAN	4.00 E	0.750 lb/ac	MP							
9F	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
10A	COMMAND	4.00 EC	0.750 lb/ac	PRE	7	63	100	90	0	70	90
10B	F6285	75.00 DF	0.375 lb/ac	PRE							
10C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
10D	X-77	0.50 WA	0.500 %	PRE							
11A	COMMAND	4.00 EC	0.750 lb/ac	PRE	10	87	100	100	0	80	87
11B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
11C	X-77	0.50 WA	0.500 %	PRE							
11D	PURSUIT	70.00 DF	0.031 lb/ac	MP							
11E	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
11F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP							
12A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	7	93	100	97	0	80	83
12B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
12C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
12D	X-77	0.50 WA	0.500 %	PRE							
13A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	3	90	100	80	0	87	67
13B	CANOPY	75.00 DF	0.280 lb/ac	PRE							
13C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
13D	X-77	0.50 WA	0.500 %	PRE							
14A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	3	73	93	100	0	63	83
14B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
14C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
14D	X-77	0.50 WA	0.500 %	PRE							
15A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	7	67	100	93	0	70	73
15B	SCEPTER	70.00 DG	0.125 lb/ac	PRE							
15C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
15D	X-77	0.50 WA	0.500 %	PRE							

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4126 NO-TILL FULL SEASON SOYBEANS

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----		
					CRIN	TAROF	AMBTR	DIGSA	CRIN	TAROF	DIGSA
16A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	3	47	93	93	20	70	93
16B	PURSUIT	70.00 DF	0.063 lb/ac	PRE							
16C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
16D	X-77	0.50 WA	0.500 %	PRE							
17A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	7	43	100	100	0	43	93
17B	PURSUIT	70.00 DF	0.063 lb/ac	PRE							
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
17D	X-77	0.50 WA	0.500 %	PRE							
18A	FRONTIER	7.50 EC	1.300 lb/ac	PRE	10	83	100	100	0	80	93
18B	SENCOR	75.00 DF	0.500 lb/ac	PRE							
18C	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
18D	X-77	0.50 WA	0.500 %	PRE							
18E	REFLEX	2.00 LC	0.375 lb/ac	MP							
18F	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
19A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	7	80	100	97	0	73	80
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
19C	X-77	0.50 WA	0.500 %	PRE							
19D	REFLEX	2.00 LC	0.375 lb/ac	MP							
19E	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
20A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	10	77	100	100	0	77	93
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE							
20C	X-77	0.50 WA	0.500 %	PRE							
20D	REFLEX	2.00 LC	0.375 lb/ac	MP							
20E	SUN-IT II	0.00 AD	1.000 qt/ac	MP							
LSD(.05) :					18	36	12	16	18	36	16

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE) : 0 N,
 DATE PLANTED : 5/18
 VARIETY : FLYER

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
 DATE TREATED : PRE 5/18
 MP 6/21

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4127 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----			-----8 WEEK-----		
					CRIN	TAROF	DIGSA	CRIN	TAROF	DIGSA
1A	CANOPY	75.00 DF	0.280 lb/ac	PRE	7	87	97	3	83	93
1B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE						
1C	X-77	0.50 WA	0.250 ‡	PRE						
1D	TORNADO	1.75 EC	0.438 lb/ac	MP						
1E	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
2A	CANOPY	75.00 DF	0.375 lb/ac	PRE	3	63	73	0	67	63
2B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE						
2C	MAGNUM 90	0.00 WA	0.250 ‡	PRE						
3A	CANOPY	75.00 DF	0.375 lb/ac	PRE	3	83	97	0	77	77
3B	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE						
3C	AG 98	0.00 WA	0.250 ‡	PRE						
4A	CANOPY	75.00 DF	0.375 lb/ac	PRE	3	90	87	0	73	70
4B	ROUNDUP	4.00 E	0.750 lb/ac	PRE						
4C	MAGNUM 90	0.00 WA	0.250 ‡	PRE						
5A	CANOPY	75.00 DF	0.375 lb/ac	PRE	0	90	80	0	83	77
5B	ROUNDUP	4.00 E	0.750 lb/ac	PRE						
5C	AG 98	0.00 WA	0.250 ‡	PRE						
6A	CANOPY	75.00 DF	0.375 lb/ac	PRE	3	90	77	0	87	67
6B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
6C	X-77	0.50 WA	0.500 ‡	PRE						
7A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	0	87	87	0	80	67
7B	X-77	0.50 WA	0.500 ‡	PRE						
7C	ASSURE II	0.80 E	0.055 lb/ac	MP						
7D	CLASSIC	25.00 DF	0.012 lb/ac	MP						
7E	X-77	0.50 WA	0.250 ‡	MP						
8A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	3	77	87	0	73	67
8B	X-77	0.50 WA	0.500 ‡	PRE						
8C	ASSURE II	0.80 E	0.055 lb/ac	MP						
8D	CLASSIC	25.00 DF	0.004 lb/ac	MP						
8E	PINNACLE	25.00 DF	0.004 lb/ac	MP						
8F	X-77	0.50 WA	0.250 ‡	MP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4127 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----			-----8 WEEK-----		
					CRIN	TAROF	DIGSA	CRIN	TAROF	DIGSA
9A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	0	90	87	0	80	77
9B	CANOPY	75.00 DF	0.375 lb/ac	PRE						
9C	X-77	0.50 WA	0.500 %	PRE						
9D	ASSURE II	0.80 E	0.055 lb/ac	MP						
9E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
10A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	3	50	97	0	53	83
10B	X-77	0.50 WA	0.250 %	PRE						
10C	FUSION	2.66 EC	0.125 lb/ac	MP						
10D	REFLEX	2.00 LC	0.375 lb/ac	MP						
10E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
11A	GRAMOXONE EXTRA	2.50 S	0.625 lb/ac	PRE	3	57	93	0	53	87
11B	X-77	0.50 WA	0.250 %	PRE						
11C	FUSION	2.66 EC	0.166 lb/ac	MP						
11D	REFLEX	2.00 LC	0.375 lb/ac	MP						
11E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP						
12A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	17	90	97	0	83	93
12B	COBRA	2.00 E	0.125 lb/ac	MP						
12C	PURSUIT	70.00 DF	0.063 lb/ac	MP						
12D	SUN-IT II	0.00 AD	0.500 qt/ac	MP						
12E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
12F	SELECT	2.00 EC	0.094 lb/ac	LP						
12G	SUN-IT II	0.00 AD	1.000 qt/ac	LP						
13A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	10	77	90	3	70	77
13B	COBRA	2.00 E	0.125 lb/ac	MP						
13C	BASAGRAN	4.00 E	0.500 lb/ac	MP						
13D	PINNACLE	25.00 DF	0.002 lb/ac	MP						
13E	SELECT	2.00 EC	0.094 lb/ac	MP						
13F	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
13G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
14A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	13	73	87	0	57	73
14B	X-77	0.50 WA	0.500 %	PRE						
14C	COBRA	2.00 E	0.125 lb/ac	MP						
14D	SELECT	2.00 EC	0.094 lb/ac	MP						
14E	SUN-IT II	0.00 AD	0.500 qt/ac	MP						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4127 NO-TILL FULL SEASON SOYBEANS II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----			-----8 WEEK-----		
					CRIN	TAROF	DIGSA	CRIN	TAROF	DIGSA
15A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	20	90	97	0	80	83
15B	X-77	0.50 WA	0.500 %	PRE						
15C	SELECT	2.00 EC	0.125 lb/ac	MP						
15D	PURSUIT	70.00 DF	0.063 lb/ac	MP						
15E	COBRA	2.00 E	0.125 lb/ac	MP						
15F	SUN-IT II	0.00 AD	1.000 qt/ac	MP						
15G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
16A	ROUNDUP	4.00 E	1.000 lb/ac	PRE	17	90	100	0	87	90
16B	X-77	0.50 WA	0.500 %	PRE						
16C	SELECT	2.00 EC	0.125 lb/ac	MP						
16D	CLASSIC	25.00 DF	0.008 lb/ac	MP						
16E	COBRA	2.00 E	0.125 lb/ac	MP						
16F	SUN-IT II	0.00 AD	0.500 qt/ac	MP						
16G	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP						
17A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	0	67	100	0	60	90
17B	PROWL	3.30 EC	0.410 lb/ac	PRE						
17C	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
17D	X-77	0.50 WA	0.500 %	PRE						
18A	SQUADRON	2.33 EC	0.870 lb/ac	PRE	23	77	60	20	73	90
18B	PROWL	3.30 EC	0.410 lb/ac	PRE						
18C	SENCOR	75.00 DF	0.250 lb/ac	PRE						
18D	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
18E	X-77	0.50 WA	0.500 %	PRE						
19A	BROADSTRIKE + DUAL	7.67 EC	2.400 lb/ac	PRE	0	63	80	0	60	70
19B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
19C	X-77	0.50 WA	0.500 %	PRE						
20A	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	0	63	100	0	63	83
20B	ROUNDUP	4.00 E	1.000 lb/ac	PRE						
20C	X-77	0.50 WA	0.500 %	PRE						
				LSD (.05) :	3	22	18	3	22	18

LOCATION : PRINCETON
FERTILIZER APPLIED (LB/ACRE): 0 N, 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
DATE PLANTED : 5/18 DATE TREATED : PRE 5/18
VARIETY : FLYER MP 6/21
LP 7/15

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----			
					CRIN	ABUTH	IPOHE	SETFA	CRIN	ABUTH	IPOHE	SETFA
1A	DUAL	8.00 E	1.500 lb/ac	PRE	0	47	0	40	0	57	13	47
1B	CGA 248757	5.00 WP	0.005 lb/ac	LP								
2A	DUAL	8.00 E	1.500 lb/ac	PRE	0	50	0	63	0	53	7	57
2B	CGA 248757	5.00 WP	0.005 lb/ac	LP								
2C	AGRI-DEX	0.00 AD	1.000 qt/ac	LP								
3A	DUAL	8.00 E	1.500 lb/ac	PRE	13	93	73	93	0	93	73	83
3B	CGA 248757	5.00 WP	0.003 lb/ac	LP								
3C	PURSUIT	70.00 DF	0.063 lb/ac	LP								
3D	SUN-IT II	0.00 AD	0.750 qt/ac	LP								
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP								
4A	DUAL	8.00 E	1.500 lb/ac	PRE	30	97	87	93	0	100	77	80
4B	CGA 248757	5.00 WP	0.004 lb/ac	LP								
4C	PURSUIT	70.00 DF	0.063 lb/ac	LP								
4D	SUN-IT II	0.00 AD	0.750 qt/ac	LP								
4E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP								
5A	DUAL	8.00 E	1.500 lb/ac	PRE	0	20	0	70	0	67	13	77
5B	PURSUIT	70.00 DF	0.063 lb/ac	LP								
5C	SUN-IT II	0.00 AD	0.750 qt/ac	LP								
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP								
6A	DUAL	8.00 E	2.000 lb/ac	PRE	10	77	67	53	0	73	53	53
6B	REFLEX	2.00 LC	0.375 lb/ac	LP								
6C	HERBIMAX	0.00 AD	1.000 qt/ac	LP								
7A	DUAL	8.00 E	2.000 lb/ac	PRE	0	20	47	97	0	20	40	87
7B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP								
8A	DUAL	8.00 E	2.000 lb/ac	PRE	0	7	40	90	0	20	37	83
8B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP								
8C	LIQUID FERTILIZER	0.00 AD	2.500 qt/ac	LP								
9A	DUAL	8.00 E	2.000 lb/ac	PRE	10	53	53	97	0	57	53	90
9B	REFLEX/ADJUVANT 94	1.00 S	0.375 lb/ac	LP								
9C	BASAGRAN	4.00 E	0.250 lb/ac	LP								

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TABLE S4112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----			
					CRIN	ABUTH	IPOHE	SETFA	CRIN	ABUTH	IPOHE	SETFA
10A	DUAL	8.00 E	2.000 lb/ac	PRE	10	83	60	70	0	67	47	67
10B	REFLEX	2.00 LC	0.375 lb/ac	LP								
10C	PINNACLE	25.00 DF	0.003 lb/ac	LP								
11A	PURSUIT	70.00 DF	0.063 lb/ac	MP	7	63	80	73	0	90	77	73
11B	RIVERSIDE METH OIL	0.00 AD	0.750 qt/ac	MP								
12A	PURSUIT	70.00 DF	0.063 lb/ac	MP	13	93	90	87	0	87	70	83
12B	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
13A	PURSUIT	70.00 DF	0.063 lb/ac	EP	7	73	43	83	0	73	43	80
13B	MAGNUM 90	0.00 WA	0.250 %	EP								
13C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	EP								
14A	PURSUIT	70.00 DF	0.063 lb/ac	MP	13	90	73	77	0	90	73	70
14B	K2000	0.00 AD	1.000 qt/ac	MP								
15A	PURSUIT	70.00 DF	0.063 lb/ac	MP	10	83	70	60	3	90	70	77
15B	MAGNUM 90	0.00 WA	0.750 %	MP								
16A	RESOURCE	0.86 EC	0.027 lb/ac	MP	10	83	33	7	0	77	20	7
16B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
16C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
17A	RESOURCE	0.86 EC	0.036 lb/ac	MP	10	77	27	27	0	73	13	20
17B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
17C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
18A	RESOURCE	0.86 EC	0.040 lb/ac	MP	7	93	47	20	0	90	33	17
18B	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
19	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	0	33	13	83	0	43	20	83
20A	BROADSTRIKE + DUAL	7.67 EC	2.160 lb/ac	PRE	20	87	90	83	0	80	80	77
20B	REFLEX	2.00 LC	0.375 lb/ac	MP								
20C	SUN-IT II	0.00 AD	1.000 qt/ac	MP								

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TABLE S4112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----			
					CRIN	ABUTH	IPOHE	SETFA	CRIN	ABUTH	IPOHE	SETFA
21A	SELECT	2.00 EC	0.125 lb/ac	MP	17	90	73	90	3	87	57	80
21B	COBRA	2.00 E	0.100 lb/ac	MP								
21C	CLASSIC	25.00 DF	0.012 lb/ac	MP								
21D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP								
21E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
22A	SELECT	2.00 EC	0.125 lb/ac	MP	17	97	57	83	0	93	43	83
22B	COBRA	2.00 E	0.100 lb/ac	MP								
22C	BASAGRAN	4.00 E	0.750 lb/ac	MP								
22D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP								
22E	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
23A	COBRA	2.00 E	0.094 lb/ac	MP	17	93	43	100	0	80	27	90
23B	BASAGRAN	4.00 E	0.500 lb/ac	MP								
23C	SELECT	2.00 EC	0.125 lb/ac	MP								
23D	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP								
24A	CONCLUDE	5.53 E	1.037 lb/ac	MP	17	90	77	93	0	70	50	93
24B	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP								
25A	POAST PLUS	1.00 E	0.287 lb/ac	MP	20	93	77	97	3	83	60	87
25B	GALAXY	3.67 E	0.750 lb/ac	MP								
25C	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	MP								
26A	STORM	4.00 E	0.750 lb/ac	EP	10	60	47	57	0	43	43	53
26B	CROP OIL	0.00 AD	1.000 qt/ac	EP								
27A	COBRA	2.00 E	0.125 lb/ac	MP	13	87	83	83	0	77	63	90
27B	CLASSIC	25.00 DF	0.006 lb/ac	MP								
27C	OIL CONCENTRATE	0.00 AD	0.500 qt/ac	MP								
27D	SELECT	2.00 EC	0.094 lb/ac	LP								
27E	OIL CONCENTRATE	0.00 AD	1.000 qt/ac	LP								
28	COMMAND	4.00 EC	0.750 lb/ac	PRE	0	80	0	100	0	77	7	93
29A	COBRA	2.00 E	0.250 lb/ac	PRE	13	83	67	93	3	53	50	87
29B	COBRA	2.00 E	0.150 lb/ac	MP								
29C	SELECT	2.00 EC	0.094 lb/ac	MP								
29D	SUN-IT II	0.00 AD	0.500 qt/ac	MP								

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----			
					CRIN	ABUTH	IPOHE	SETFA	CRIN	ABUTH	IPOHE	SETFA
30A	COBRA	2.00 E	0.300 lb/ac	PRE	20	77	57	97	3	63	47	80
30B	COBRA	2.00 E	0.100 lb/ac	MP								
30C	SELECT	2.00 EC	0.094 lb/ac	MP								
30D	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
31A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	7	90	87	90	0	93	77	83
31B	PURSUIT	70.00 DF	0.063 lb/ac	MP								
31C	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
31D	LIQUID FERTILIZER	0.00 AD	2.000 qt/ac	MP								
32A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	10	87	57	73	0	77	63	60
32B	STORM	4.00 E	0.750 lb/ac	MP								
32C	SUN-IT II	0.00 AD	0.750 qt/ac	MP								
33A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	0	0	63	0	13	13	67
33B	F6285	75.00 DF	0.313 lb/ac	PRE								
34A	FRONTIER	7.50 EC	1.200 lb/ac	PRE	0	7	27	70	0	13	13	60
34B	F6285	75.00 DF	0.375 lb/ac	PRE								
35A	COBRA	2.00 E	0.150 lb/ac	EP	37	97	93	93	3	87	50	80
35B	SUN-IT II	0.00 AD	0.500 qt/ac	EP								
35C	COBRA	2.00 E	0.200 lb/ac	MP								
35D	SELECT	2.00 EC	0.094 lb/ac	MP								
35E	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
36A	COBRA	2.00 E	0.125 lb/ac	MP	13	77	20	100	0	40	20	83
36B	SELECT	2.00 EC	0.094 lb/ac	MP								
36C	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
37A	COBRA	2.00 E	0.125 lb/ac	MP	27	93	83	93	0	83	73	87
37B	PURSUIT	70.00 DF	0.063 lb/ac	MP								
37C	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
37D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
37E	SELECT	2.00 EC	0.094 lb/ac	LP								
37F	SUN-IT II	0.00 AD	1.000 qt/ac	LP								

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TABLE S4112 SOYBEAN VELVETLEAF

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEK-----				-----8 WEEK-----			
					CRIN	ABUTH	IPOHE	SETFA	CRIN	ABUTH	IPOHE	SETFA
38A	COBRA	2.00 E	0.125 lb/ac	MP	23	90	80	97	3	73	50	93
38B	BASAGRAN	4.00 E	0.500 lb/ac	MP								
38C	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
38D	SELECT	2.00 EC	0.094 lb/ac	LP								
38E	SUN-IT II	0.00 AD	1.000 qt/ac	LP								
39A	PURSUIT	70.00 DF	0.063 lb/ac	MP	17	90	80	93	3	90	67	90
39B	SUN-IT II	0.00 AD	0.500 qt/ac	MP								
39C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	MP								
39D	SELECT	2.00 EC	0.094 lb/ac	LP								
39E	SUN-IT II	0.00 AD	1.000 qt/ac	LP								
40A	COBRA	2.00 E	0.125 lb/ac	MP	17	93	70	97	0	83	27	90
40B	BASAGRAN	4.00 E	0.500 lb/ac	MP								
40C	PINNACLE	25.00 DF	0.002 lb/ac	MP								
40D	SELECT	2.00 EC	0.094 lb/ac	LP								
40E	SUN-IT II	0.00 AD	0.500 qt/ac	LP								
40F	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	LP								
LSD(.05) :					4	20	24	28	4	20	24	28

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : 5/18
 VARIETY : FLYER

SOIL TYPE : LANTON SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
 DATE TREATED : PRE 5/18
 EP 6/6
 MP 6/10
 LP 6/16

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----2WK----		-4WK-	-8WK-
					CRIN	SORHA	SORHA	SORHA
1A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	70	63	57
1B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
2A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	73	63	53
2B	COBRA	2.00 E	0.100 lb/ac	16J				
2C	X-77	0.50 WA	0.250 %	16J				
2D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
3A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	67	57	47
3B	COBRA	2.00 E	0.100 lb/ac	16J				
3C	SELECT	2.00 EC	0.063 lb/ac	16J				
3D	X-77	0.50 WA	0.250 %	16J				
3E	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
4A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	83	77	70
4B	SELECT	2.00 EC	0.063 lb/ac	16J				
4C	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
4D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
5A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	80	73	63
5B	SELECT	2.00 EC	0.094 lb/ac	16J				
5C	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
5D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
6A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	90	90	83
6B	SELECT	2.00 EC	0.125 lb/ac	16J				
6C	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
6D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
7A	PURSUIT	70.00 DF	0.032 lb/ac	16J	0	60	53	43
7B	REFLEX	2.00 LC	0.016 lb/ac	16J				
7C	X-77	0.50 WA	0.250 %	16J				
7D	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
8A	SELECT	2.00 EC	0.063 lb/ac	16J	0	87	87	83
8B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
9A	SELECT	2.00 EC	0.078 lb/ac	16J	0	90	83	73
9B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				

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TABLE S4103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----2WK-----4WK--8WK-			
					CRIN	SORHA	SORHA	SORHA
10A	SELECT	2.00 EC	0.094 lb/ac	16J	0	87	83	73
10B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
11A	PURSUIT	70.00 DF	0.063 lb/ac	16J	0	77	93	87
11B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
11C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
11D	SELECT	2.00 EC	0.063 lb/ac	+7D				
11E	SUN-IT II	0.00 AD	0.750 qt/ac	+7D				
12A	FUSION	2.66 EC	0.500 lb/ac	16J	0	93	90	87
12B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
13A	FUSILADE DX	2.00 EC	0.156 lb/ac	16J	0	83	77	67
13B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
14A	ASSURE II	0.80 E	0.060 lb/ac	16J	0	90	87	80
14B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
15A	ASSURE II	0.80 E	0.040 lb/ac	18J	0	93	90	83
15B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
15C	ASSURE II	0.80 E	0.040 lb/ac	+2W				
15D	SUN-IT II	0.00 AD	1.000 qt/ac	+2W				
16A	POAST PLUS	1.00 E	0.188 lb/ac	16J	0	67	57	57
16B	SUN-IT II	0.00 AD	0.750 qt/ac	16J				
17A	AC 299,263	1.00 AS	0.024 lb/ac	10J	0	53	40	37
17B	X-77	0.50 WA	0.250 $\frac{1}{2}$	10J				
17C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
18A	AC 299,263	1.00 AS	0.024 lb/ac	16J	0	67	60	57
18B	X-77	0.50 WA	0.250 $\frac{1}{2}$	16J				
18C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				
19A	AC 299,263	1.00 AS	0.032 lb/ac	10J	0	57	47	40
19B	X-77	0.50 WA	0.250 $\frac{1}{2}$	10J				
19C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J				
20A	AC 299,263	1.00 AS	0.032 lb/ac	16J	0	73	63	57
20B	X-77	0.50 WA	0.250 $\frac{1}{2}$	16J				
20C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J				

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TABLE S4103 SOYBEAN JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----2WK----		-4WK-		-8WK-	
					CRIN	SORHA	SORHA	SORHA		
21A	AC 299,263	1.00 AS	0.040 lb/ac	10J	0	57	40	40		
21B	X-77	0.50 WA	0.250 %	10J						
21C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
22A	AC 299,263	1.00 AS	0.040 lb/ac	16J	0	77	67	63		
22B	X-77	0.50 WA	0.250 %	16J						
22C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
23A	AC 299,263	1.00 AS	0.048 lb/ac	10J	0	50	40	40		
23B	X-77	0.50 WA	0.250 %	10J						
23C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
24A	AC 299,263	1.00 AS	0.048 lb/ac	16J	0	70	63	60		
24B	X-77	0.50 WA	0.250 %	16J						
24C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
25A	AC 299,263	1.00 AS	0.063 lb/ac	10J	0	67	57	47		
25B	X-77	0.50 WA	0.250 %	10J						
25C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
26A	AC 299,263	1.00 AS	0.063 lb/ac	16J	0	80	80	70		
26B	X-77	0.50 WA	0.250 %	16J						
26C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
27	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0		
28	CHECK (CULTIVATED)	0.00 CK	0.000		0	0	0	0		
LSD (.05) :					NS	12	14	14		

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE): 0 N,
 DATE PLANTED : 5/18
 VARIETY : FLYER

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.30 %
 DATE TREATED : 10J 6/6
 12J 6/6
 12-15J 6/15
 16J 6/15
 18J 6/17
 +7D 6/23
 +2WK 7/1

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4104 SOYBEAN JOHNSONGRASS POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---			
					2WK CRIN	4WK SORHA	8WK SORHA	8WK SORHA
1A	SELECT	2.00 EC	0.094 lb/ac	18J	0	90	87	83
1B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
2A	V-10016	0.00 GEL	0.094 lb/ac	18J	0	90	87	77
2B	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
3A	SELECT	2.00 EC	0.094 lb/ac	18J	0	80	77	70
3B	PURSUIT	70.00 DF	0.063 lb/ac	18J				
3C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
4A	V-10016	0.00 GEL	0.094 lb/ac	18J	0	87	77	67
4B	PURSUIT	70.00 DF	0.063 lb/ac	18J				
4C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
5A	SELECT	2.00 EC	0.094 lb/ac	18J	0	90	83	73
5B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
5C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
6A	SELECT	2.00 EC	0.125 lb/ac	18J	0	90	83	77
6B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
6C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
7A	V-10016	0.00 GEL	0.094 lb/ac	18J	0	80	70	63
7B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
7C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
8A	V-10016	0.00 GEL	0.125 lb/ac	18J	0	83	83	73
8B	BASAGRAN	4.00 E	0.500 lb/ac	18J				
8C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
9A	SELECT	2.00 EC	0.094 lb/ac	18J	0	87	87	80
9B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
9C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
10A	SELECT	2.00 EC	0.125 lb/ac	18J	0	90	90	83
10B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
10C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				
11A	V-10016	0.00 GEL	0.094 lb/ac	18J	0	83	80	70
11B	CLASSIC	25.00 DF	0.008 lb/ac	18J				
11C	SUN-IT II	0.00 AD	1.000 qt/ac	18J				

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TABLE S4104 SOYBEAN JOHNSONGRASS POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	----2WK----		-4WK-		-8WK-	
					CRIN	SORHA	SORHA	SORHA	SORHA	SORHA
12A	V-10016	0.00 GEL	0.125 lb/ac	18J	0	90	90	83		
12B	CLASSIC	25.00 DF	0.008 lb/ac	18J						
12C	SUN-IT II	0.00 AD	1.000 qt/ac	18J						
13A	SELECT	2.00 EC	0.063 lb/ac	125	0	80	67	57		
13B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
14A	SELECT	2.00 EC	0.094 lb/ac	125	0	73	63	57		
14B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
15A	SELECT	2.00 EC	0.125 lb/ac	125	0	70	60	57		
15B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
16A	FUSILADE DX	2.00 EC	0.094 lb/ac	125	0	47	40	20		
16B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
17A	FUSILADE DX	2.00 EC	0.188 lb/ac	125	0	77	67	57		
17B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
18A	ASSURE II	0.80 E	0.032 lb/ac	125	0	67	57	50		
18B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
19A	ASSURE II	0.80 E	0.063 lb/ac	125	0	70	60	50		
19B	SUN-IT II	0.00 AD	1.000 qt/ac	125						
20A	ASSURE II	0.80 E	0.040 lb/ac	18J	30	90	80	80		
20B	SUN-IT II	0.00 AD	1.000 qt/ac	18J						
20C	ASSURE II	0.80 E	0.040 lb/ac	+2W						
20D	SUN-IT II	0.00 AD	1.000 qt/ac	+2W						
21A	FUSILADE DX	2.00 EC	0.188 lb/ac	12J	0	80	70	63		
21B	SUN-IT II	0.00 AD	1.000 qt/ac	12J						
22A	FUSILADE DX	2.00 EC	0.188 lb/ac	12J	0	73	63	60		
22B	REFLEX	2.00 LC	0.375 lb/ac	12J						
22C	SUN-IT II	0.00 AD	1.000 qt/ac	12J						
23A	BUGLE	0.79 E	0.060 lb/ac	12J	0	80	67	57		
23B	FUSILADE DX	2.00 EC	0.094 lb/ac	12J						
23C	HERBIMAX	0.00 AD	1.000 qt/ac	12J						

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4104 SOYBEAN JOHNSONGRASS POSTEMERGENCE II

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---2WK---	-4WK-	-8WK-
					CRIN	SORHA	SORHA
24A	ASSURE II	0.80 E	0.031 lb/ac	18J	0	93	83
24B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			80
25A	ASSURE II	0.80 E	0.062 lb/ac	18J	0	93	90
25B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			83
26A	FUSILADE DX	2.00 EC	0.093 lb/ac	18J	0	87	77
26B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			63
27A	FUSILADE DX	2.00 EC	0.188 lb/ac	18J	0	90	90
27B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			80
28A	FUSION	2.66 EC	0.124 lb/ac	18J	0	90	90
28B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			90
29A	FUSION	2.66 EC	0.166 lb/ac	18J	0	90	90
29B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			83
30A	POAST PLUS	1.00 E	0.180 lb/ac	18J	0	83	67
30B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			63
31A	POAST PLUS	1.00 E	0.280 lb/ac	18J	0	90	80
31B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			70
32A	SELECT	2.00 EC	0.093 lb/ac	18J	0	90	90
32B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			80
33A	SELECT	2.00 EC	0.125 lb/ac	18J	0	93	83
33B	SUN-IT II	0.00 AD	1.000 qt/ac	18J			80
34A	PURSUIT	70.00 DF	0.063 lb/ac	18J	0	63	57
34B	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	18J			50
34C	SUN-IT II	0.00 AD	1.000 qt/ac	18J			

LSD (.05) : NS 15 14 14

LOCATION : PRINCETON
 FERTILIZER APPLIED (LB/ACRE) : 0 N,
 DATE PLANTED : 5/18
 VARIETY : FLYER

SOIL TYPE : CRIDER SILT LOAM
 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
 DATE TREATED : 12" 6/8
 18" 6/17

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE S4105 SOYBEAN NO-TILL JOHNSONGRASS POSTEMERGENCE

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	---2WK---		---4WK---		---8WK---	
					CRIN	SORHA	CRIN	SORHA	CRIN	SORHA
1A	AC 299,263	1.00 AS	0.024 lb/ac	10J	3	80	3	63	0	57
1B	X-77	0.50 WA	0.250 %	10J						
1C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
2A	AC 299,263	1.00 AS	0.024 lb/ac	16J	7	73	7	73	0	67
2B	X-77	0.50 WA	0.240 %	16J						
2C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
3A	AC 299,263	1.00 AS	0.032 lb/ac	10J	10	80	7	63	0	57
3B	X-77	0.50 WA	0.250 %	10J						
3C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
4A	AC 299,263	1.00 AS	0.032 lb/ac	16J	10	83	10	77	0	73
4B	X-77	0.50 WA	0.250 %	16J						
4C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
5A	AC 299,263	1.00 AS	0.040 lb/ac	10J	10	90	10	80	0	70
5B	X-77	0.50 WA	0.250 %	10J						
5C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
6A	AC 299,263	1.00 AS	0.040 lb/ac	16J	10	87	7	77	0	73
6B	X-77	0.50 WA	0.250 %	16J						
6C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
7A	AC 299,263	1.00 AS	0.048 lb/ac	10J	13	87	13	80	3	77
7B	X-77	0.50 WA	0.250 %	10J						
7C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
8A	AC 299,263	1.00 AS	0.048 lb/ac	16J	13	90	13	87	3	80
8B	X-77	0.50 WA	0.250 %	16J						
8C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
9A	AC 299,263	1.00 AS	0.063 lb/ac	10J	17	90	17	90	7	80
9B	X-77	0.50 WA	0.250 %	10J						
9C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	10J						
10A	AC 299,263	1.00 AS	0.063 lb/ac	16J	20	87	20	83	7	80
10B	X-77	0.50 WA	0.250 %	16J						
10C	LIQUID FERTILIZER	0.00 AD	1.000 qt/ac	16J						
11	CHECK (UNCULTIVATED)	0.00 CK	0.000		0	0	0	0	0	0
				LSD(.05) :	7	7	8	8	6	16

LOCATION : PRINCETON
FERTILIZER APPLIED (LB/ACRE): 0 N, 0 P, 0 K, pH : 6.4 O.M. : 1.50 %
DATE PLANTED : 6/4 DATE TREATED : 10J 6/22
VARIETY : FLYER 16J 6/27

DEPARTMENT OF AGRONOMY, UNIVERSITY OF KENTUCKY, 1994

TABLE T4001 TOBACCO

TRT NO.	HERBICIDE TREATMENT	FORMULA	RATE	APPL METH	-----4 WEEKS AFTER APPLICATION-----						
					GGGGG	BBBBB	CRIN	SETFA	CHEAL	ABUTH	AMACH
1	PROWL	3.30 EC	1.000 lb/ac	PPI	100	83	0	100	93	77	93
2	PROWL	3.30 EC	1.500 lb/ac	PPI	100	93	0	100	100	90	100
3A	PROWL	3.30 EC	0.750 lb/ac	PPI	100	100	0	100	100	100	100
3B	COMMAND	4.00 EC	0.750 lb/ac	PPI							
4A	PROWL	3.30 EC	0.500 lb/ac	PPI	100	97	0	100	100	100	97
4B	COMMAND	4.00 EC	1.000 lb/ac	PPI							
5A	EDGE	5.00 EC	0.500 lb/ac	PPI	83	83	0	83	93	73	80
5B	DEVRIKOL	50.00 WP	1.000 lb/ac	PPI							
6A	F6285	75.00 DF	0.375 lb/ac	PPI	97	93	0	97	100	100	90
6B	COMMAND	4.00 EC	0.750 lb/ac	PPI							
7A	F6285	75.00 DF	0.375 lb/ac	PPI	83	87	0	83	97	87	80
7B	PROWL	3.30 EC	0.750 lb/ac	PPI							
8A	F6285	75.00 DF	0.375 lb/ac	PRE	73	83	0	73	100	77	73
8B	PROWL	3.30 EC	0.750 lb/ac	PRE							
9A	F6285	75.00 DF	0.375 lb/ac	PRE	80	83	0	80	97	97	70
9B	COMMAND	4.00 EC	0.750 lb/ac	PRE							
10A	F6285	75.00 DF	0.375 lb/ac	POT	77	77	40	77	97	100	70
10B	COMMAND	4.00 EC	0.750 lb/ac	POT							
11	COMMAND	4.00 EC	1.000 lb/ac	PPI	87	77	0	87	90	90	70
12	COMMAND	4.00 EC	1.000 lb/ac	PRE	93	87	0	93	100	97	67
13	COMMAND	4.00 EC	1.000 lb/ac	POT	87	77	0	87	100	100	77
14	F6285	75.00 DF	0.500 lb/ac	PRE	53	57	0	53	70	57	57
15	F6285	75.00 DF	0.500 lb/ac	PPI	83	90	0	83	100	93	97
16	CHECK (CULTIVATED)	0.00 CK	0.000		27	27	0	27	40	37	27
				LSD(.05) :	27	26	14	33	30	30	27

LOCATION : SPINDLETOP FARM
FERTILIZER APPLIED (LB/ACRE): 250 N, 60 P, 60 K, pH : 6.4 O.M. : 3.40 %
DATE PLANTED : MAY 25 DATE TREATED : PPI 5/25
VARIETY : PRE 5/25
POT 5/25

FIELD # 100