

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL  
PH: 6.1  
%OM: 1.5  
PREV.CROP: NA - NONE  
%RESIDUE: 0  
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/03/05	05/26/05	05/31/05	06/09/05	AME
AIR TEMPERATURE	62	71	82	86	F
% REL.HUMIDITY	29	44	28	52	
WIND DIRECTION	WEST	NORTH	NORTHEAST	SOUTHWEST	
WIND SPEED	7.5	7.5	7.5	3.8	M/H
CLOUD COVER	PARTCLDY	HAZY SUN	CLEAR	PARTCLDY	
DEW	NA/UNKNOW	NO	NO	NO	
SOIL MOISTURE	DRY/DRY	DRY/DRY	DRY/DRY	MOIST/DRY	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	SPECIAL	SPECIAL	SPECIAL	SPECIAL	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** PEST ***					
VELVETLEAF	MED/01 /	MED/13 1.00/2.00	MED/16 2.00/4.00	MED/18 6.00/12.0	IN
PIGWEED, REDROOT	LOW/01 /	LOW/18 2.00/4.00		LOW/19 5.00/12.0	IN
LAMBSQUARTERS, C	MED/01 /	MED/18 1.00/4.00	MED/19 3.00/8.00	MED/19 3.00/11.0	IN
JIMSONWEED	MED/01 /	MED/12 2.00/4.00	MED/16 2.00/5.00	MED/19 6.00/12.0	IN
MORNINGGLORY, IV	LOW/01 /		LOW/16 1.50/3.00	LOW/19 3.00/9.00	IN
FOXTAIL, GIANT	MED/01 /	MED/12 1.00/3.00	MED/14 2.00/6.00	MED/16 5.00/12.0	IN
COCKLEBUR, COMMO	MED/01 /		MED/14 3.00/4.00	MED/18 5.00/8.00	IN
CORN, DENT BURRUS 484 S 05/03/2005	HGH/00 /	HGH/14 3.00/8.00	HGH/15 6.00/12.0	HGH/16 20.0/28.0	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
11 = ----- / EPOST  
12 = ----- / POST  
13 = ----- / LPOST

\* STAGE CODE

00 = DRY SEED (CARYOPSIS)  
01 = BEGINNING OF IMIBIBITION  
12 = 2 LEAVES UNFOLDED  
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5 LEAVES UNFOLDED

\* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Weed Control Systems in Glyphosate Resistant Corn.  
**CREATED:** 04/23/2005 **REVISED:** 11/19/2005 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	CHEAL	AMARE	DATST	XANST
		RATE	UNIT		CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05
1A	GUARDSMAN MAX	1.88	LAA	9	96	89	95	99	98	96
B	MARKSMAN SC	1.20	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	WEATHERMAX 4.5	0.56	LAA	11						
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	ACTIVATOR 90	0.25	PMV	11						
E	LIQUID AMS	2.50	PMV	11						
3A	KIH-485 60WG	0.15	LAA	11						
B	ATRAZINE DF	0.75	LAA	11						
C	WEATHERMAX 4.5	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STALWART EXTRA	1.51	LAA	9	75	76	95	99	79	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	KIH-485 60WG	0.075	LAA	9	75	89	85	98	72	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	KIH-485 60WG	0.15	LAA	9	82	92	91	97	92	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12						
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 60WG	0.15	LAA	12						
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9	96	96	99	99	99	99
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9	89	95	96	99	98	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	LEXAR 3.7L	1.62	LAA	9	85	96	93	99	99	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9	93	84	98	99	96	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9	93	87	98	99	93	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12						
B	LIQUID AMS	2.50	PMV	12						
15A	WEATHERMAX 4.5	0.56	LAA	11						
B	LIQUID AMS	2.50	PMV	11						
C	WEATHERMAX 4.5	0.56	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9	91	94	99	99	99	99
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	COC	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	ABUTH	CHEAL	AMARE	DATST	XANST	
		RATE	UNIT	TM	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	CON % 05/26/05	
17A	KEYSTONE 5.25	1.64	LAA	9	94	95	99	99	99	99	
B	STARANE 1.5EC	0.12	LAA	12							
18A	KEYSTONE 5.25	1.97	LAA	9	91	66	99	99	97	99	
B	HORNET 68.5WG	0.128	LAA	12							
C	CALLISTO 4SC	0.023	LAA	12							
D	ATRAZINE DF	0.25	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
19A	CHECK	0.00	NA	0	0	0	0	0	0	0	
20A	BICEP LT II MA	2.25	LAA	9	93	97	98	99	99	99	
B	IMPACT 2.8SC	0.016	LAA	12							
C	ATRAZINE DF	0.50	LAA	12							
D	MISO	1.00	PMV	12							
E	LIQUID AMS	2.50	PMV	12							
21A	GUARDSMAN MAX	2.50	LAA	9	97	90	96	99	99	99	
B	DISTINCT 70SG	0.175	LAA	12							
C	ACTIVATOR 90	0.25	PMV	12							
D	LIQUID AMS	2.50	PMV	12							
22A	CINCH ATZ 5.5L	1.03	LAA	9	84	87	93	99	97	99	
B	STEADFAST 75WG	0.035	LAA	12							
C	CALLISTO 4SC	0.047	LAA	12							
D	ATRAZINE DF	0.50	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	11.09	22.00	7.23	1.36	22.00	2.20
					STANDARD DEVIATION	5.43	10.79	3.54	0.667	10.76	1.08

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**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	CHEAL	AMARE	DATST
		RATE	UNIT		CON % 05/26/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05
1A	GUARDSMAN MAX	1.88	LAA	9	0	86	94	90	99	99
B	MARKSMAN SC	1.20	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	WEATHERMAX 4.5	0.56	LAA	11		92	97	98	99	98
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	ACTIVATOR 90	0.25	PMV	11						
E	LIQUID AMS	2.50	PMV	11						
3A	KIH-485 60WG	0.15	LAA	11		94	98	99	98	99
B	ATRAZINE DF	0.75	LAA	11						
C	WEATHERMAX 4.5	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STALWART EXTRA	1.51	LAA	9	0					
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	KIH-485 60WG	0.075	LAA	9	0					
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	KIH-485 60WG	0.15	LAA	9	0					
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12						
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 60WG	0.15	LAA	12						
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9	0					
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9	0					
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	LEXAR 3.7L	1.62	LAA	9	2					
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9	0					
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9	2					
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12						
B	LIQUID AMS	2.50	PMV	12						
15A	WEATHERMAX 4.5	0.56	LAA	11		92	95	86	99	98
B	LIQUID AMS	2.50	PMV	11						
C	WEATHERMAX 4.5	0.56	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9	0					
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	COC	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	ABUTH	CHEAL	AMARE	DATST	
		RATE	UNIT	TM	CON % 05/26/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	
17A	KEYSTONE 5.25	1.64	LAA	9	0						
B	STARANE 1.5EC	0.12	LAA	12							
18A	KEYSTONE 5.25	1.97	LAA	9	0						
B	HORNET 68.5WG	0.128	LAA	12							
C	CALLISTO 4SC	0.023	LAA	12							
D	ATRAZINE DF	0.25	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
19A	CHECK	0.00	NA	0	0	0	0	0	0	0	
20A	BICEP LT II MA	2.25	LAA	9	0						
B	IMPACT 2.8SC	0.016	LAA	12							
C	ATRAZINE DF	0.50	LAA	12							
D	MISO	1.00	PMV	12							
E	LIQUID AMS	2.50	PMV	12							
21A	GUARDSMAN MAX	2.50	LAA	9	0						
B	DISTINCT 70SG	0.175	LAA	12							
C	ACTIVATOR 90	0.25	PMV	12							
D	LIQUID AMS	2.50	PMV	12							
22A	CINCH ATZ 5.5L	1.03	LAA	9	0						
B	STEADFAST 75WG	0.035	LAA	12							
C	CALLISTO 4SC	0.047	LAA	12							
D	ATRAZINE DF	0.50	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	1.64	11.35	4.57	11.90	1.88	2.38
					STANDARD DEVIATION	0.805	4.92	2.00	5.16	0.817	1.00

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**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	ZEAMD	SETFA	ABUTH	CHEAL	AMARE
		RATE	UNIT		CON % 06/09/05	CON % 06/09/05	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05
1A	GUARDSMAN MAX	1.88	LAA	9	99	0				
B	MARKSMAN SC	1.20	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	WEATHERMAX 4.5	0.56	LAA	11	98	0				
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	ACTIVATOR 90	0.25	PMV	11						
E	LIQUID AMS	2.50	PMV	11						
3A	KIH-485 60WG	0.15	LAA	11	99	0				
B	ATRAZINE DF	0.75	LAA	11						
C	WEATHERMAX 4.5	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STALWART EXTRA	1.51	LAA	9			98	98	98	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	KIH-485 60WG	0.075	LAA	9			97	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	KIH-485 60WG	0.15	LAA	9			96	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12			97	98	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 60WG	0.15	LAA	12			99	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9			97	99	99	99
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9			99	98	98	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	LEXAR 3.7L	1.62	LAA	9			97	98	99	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9			95	98	98	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9			97	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12			98	99	98	98
B	LIQUID AMS	2.50	PMV	12						
15A	WEATHERMAX 4.5	0.56	LAA	11	99	0				
B	LIQUID AMS	2.50	PMV	11						
C	WEATHERMAX 4.5	0.56	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9			62	99	99	99
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	COC	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	ZEAMD	SETFA	ABUTH	CHEAL	AMARE
		RATE	UNIT	TM	CON % 06/09/05	CON % 06/09/05	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05
17A	KEYSTONE 5.25	1.64	LAA	9			53	52	79	99
B	STARANE 1.5EC	0.12	LAA	12						
18A	KEYSTONE 5.25	1.97	LAA	9			66	99	99	99
B	HORNET 68.5WG	0.128	LAA	12						
C	CALLISTO 4SC	0.023	LAA	12						
D	ATRAZINE DF	0.25	LAA	12						
E	COC	1.00	PMV	12						
F	LIQUID AMS	2.50	PMV	12						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A	BICEP LT II MA	2.25	LAA	9			96	99	99	99
B	IMPACT 2.8SC	0.016	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	MISO	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
21A	GUARDSMAN MAX	2.50	LAA	9			87	87	70	99
B	DISTINCT 70SG	0.175	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
22A	CINCH ATZ 5.5L	1.03	LAA	9			82	98	99	99
B	STEADFAST 75WG	0.035	LAA	12						
C	CALLISTO 4SC	0.047	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	COC	1.00	PMV	12						
F	LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			1.94	0.00	8.09	7.00	13.54	0.396
		STANDARD DEVIATION			0.843	0.00	4.00	3.48	6.70	0.196



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**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	DATST	XANST	ZEAMD	IPOHE	SETFA	ABUTH
		RATE	UNIT		CON % 06/13/05	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05	CON % 06/20/05	CON % 06/20/05
1A	GUARDSMAN MAX	1.88	LAA	9					79	86
B	MARKSMAN SC	1.20	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	WEATHERMAX 4.5	0.56	LAA	11					88	98
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	ACTIVATOR 90	0.25	PMV	11						
E	LIQUID AMS	2.50	PMV	11						
3A	KIH-485 60WG	0.15	LAA	11					95	98
B	ATRAZINE DF	0.75	LAA	11						
C	WEATHERMAX 4.5	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STALWART EXTRA	1.51	LAA	9	98	99	0	84		
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	KIH-485 60WG	0.075	LAA	9	94	99	0	83		
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	KIH-485 60WG	0.15	LAA	9	99	99	0	88		
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12	99	99	0	92		
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 60WG	0.15	LAA	12	99	99	0	97		
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9	97	99	0	95		
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9	99	99	0	94		
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	LEXAR 3.7L	1.62	LAA	9	99	99	0	86		
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9	98	99	0	89		
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9	99	99	0	95		
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12	99	99	0	97		
B	LIQUID AMS	2.50	PMV	12						
15A	WEATHERMAX 4.5	0.56	LAA	11					95	99
B	LIQUID AMS	2.50	PMV	11						
C	WEATHERMAX 4.5	0.56	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9	99	99	0	93		
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	COC	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						

## TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			DATST	XANST	ZEAMD	IPOHE	SETFA	ABUTH	
		RATE	UNIT	TM	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05	CON % 06/13/05	CON % 06/20/05	CON % 06/20/05	
17A	KEYSTONE 5.25	1.64	LAA	9	99	99	12	78			
B	STARANE 1.5EC	0.12	LAA	12							
18A	KEYSTONE 5.25	1.97	LAA	9	99	99	0	97			
B	HORNET 68.5WG	0.128	LAA	12							
C	CALLISTO 4SC	0.023	LAA	12							
D	ATRAZINE DF	0.25	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
19A	CHECK	0.00	NA	0	0	0	0	0	0	0	
20A	BICEP LT II MA	2.25	LAA	9	99	99	0	92			
B	IMPACT 2.8SC	0.016	LAA	12							
C	ATRAZINE DF	0.50	LAA	12							
D	MISO	1.00	PMV	12							
E	LIQUID AMS	2.50	PMV	12							
21A	GUARDSMAN MAX	2.50	LAA	9	99	99	10	77			
B	DISTINCT 70SG	0.175	LAA	12							
C	ACTIVATOR 90	0.25	PMV	12							
D	LIQUID AMS	2.50	PMV	12							
22A	CINCH ATZ 5.5L	1.03	LAA	9	99	99	0	85			
B	STEADFAST 75WG	0.035	LAA	12							
C	CALLISTO 4SC	0.047	LAA	12							
D	ATRAZINE DF	0.50	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
					LSL (0.05)	3.56	0.322	3.52	6.62	16.28	18.85
					STANDARD DEVIATION	1.76	0.159	1.74	3.28	7.06	8.17

**TITLE:** Weed Control Systems in Glyphosate Resistant Corn.  
**CREATED:** 04/23/2005 **REVISED:** 11/19/2005 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMARE	DATST	XANST	ZEAMD	IPOHE
		RATE	UNIT		CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05
1A	GUARDSMAN MAX	1.88	LAA	9	96	99	99	99	0	99
B	MARKSMAN SC	1.20	LAA	11						
C	»LIQUID AMS	2.50	PMV	11						
2A	»WEATHERMAX 4.5	0.56	LAA	11	96	99	98	98	0	98
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
3A	»KIH-485 60WG	0.15	LAA	11	99	99	99	99	0	95
B	ATRAZINE DF	0.75	LAA	11						
C	»WEATHERMAX 4.5	0.75	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
4A	»STALWART EXTRA	1.51	LAA	9						
B	»WEATHERMAX 4.5	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
5A	»KIH-485 60WG	0.075	LAA	9						
B	»WEATHERMAX 4.5	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
6A	»KIH-485 60WG	0.15	LAA	9						
B	»WEATHERMAX 4.5	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12						
B	»WEATHERMAX 4.5	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
8A	»KIH-485 60WG	0.15	LAA	12						
B	»WEATHERMAX 4.5	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9						
B	»GLYPHOMAX XRT	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9						
B	»TOUCHDN TOTAL	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
11A	»LEXAR 3.7L	1.62	LAA	9						
B	»TOUCHDN TOTAL	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9						
B	»TOUCHDN TOTAL	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9						
B	»WEATHERMAX 4.5	0.75	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
14A	»WEATHERMAX 4.5	0.75	LAA	12						
B	»LIQUID AMS	2.50	PMV	12						
15A	»WEATHERMAX 4.5	0.56	LAA	11	98	98	99	99	0	97
B	»LIQUID AMS	2.50	PMV	11						
C	»WEATHERMAX 4.5	0.56	LAA	13						
D	»LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9						
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	»COC	1.00	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	AMARE	DATST	XANST	ZEAMD	IPOHE
		RATE	UNIT	TM	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05
17A	KEYSTONE 5.25	1.64	LAA	9						
B	STARANE 1.5EC	0.12	LAA	12						
18A	KEYSTONE 5.25	1.97	LAA	9						
B	HORNET 68.5WG	0.128	LAA	12						
C	CALLISTO 4SC	0.023	LAA	12						
D	ATRAZINE DF	0.25	LAA	12						
E	COC	1.00	PMV	12						
F	LIQUID AMS	2.50	PMV	12						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A	BICEP LT II MA	2.25	LAA	9						
B	IMPACT 2.8SC	0.016	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	MISO	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
21A	GUARDSMAN MAX	2.50	LAA	9						
B	DISTINCT 70SG	0.175	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
22A	CINCH ATZ 5.5L	1.03	LAA	9						
B	STEADFAST 75WG	0.035	LAA	12						
C	CALLISTO 4SC	0.047	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	COC	1.00	PMV	12						
F	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					4.22	1.46	1.29	1.29	0.00	3.93
STANDARD DEVIATION					1.83	0.632	0.558	0.558	0.00	1.71

**TITLE:** Weed Control Systems in Glyphosate Resistant Corn.  
**CREATED:** 04/23/2005 **REVISED:** 11/19/2005 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	CHEAL	AMARE	DATST	XANST
		RATE	UNIT		CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05
1A	GUARDSMAN MAX	1.88	LAA	9						
B	MARKSMAN SC	1.20	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	WEATHERMAX 4.5	0.56	LAA	11						
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	ACTIVATOR 90	0.25	PMV	11						
E	LIQUID AMS	2.50	PMV	11						
3A	KIH-485 60WG	0.15	LAA	11						
B	ATRAZINE DF	0.75	LAA	11						
C	WEATHERMAX 4.5	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STALWART EXTRA	1.51	LAA	9	94	92	98	99	97	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	KIH-485 60WG	0.075	LAA	9	94	86	98	99	91	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	KIH-485 60WG	0.15	LAA	9	98	98	98	99	98	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12	98	98	99	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 60WG	0.15	LAA	12	99	99	98	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9	97	98	99	99	99	99
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9	97	98	99	99	99	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	LEXAR 3.7L	1.62	LAA	9	96	99	99	99	99	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9	98	95	99	99	99	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9	97	79	99	99	96	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12	89	96	96	93	98	99
B	LIQUID AMS	2.50	PMV	12						
15A	WEATHERMAX 4.5	0.56	LAA	11	90	98	95	96	99	99
B	LIQUID AMS	2.50	PMV	11						
C	WEATHERMAX 4.5	0.56	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9	52	99	99	99	99	99
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	COC	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						

## TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	ABUTH	CHEAL	AMARE	DATST	XANST	
		RATE	UNIT	TM	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	CON % 06/27/05	
17A	KEYSTONE 5.25	1.64	LAA	9	53	92	94	99	99	99	
B	STARANE 1.5EC	0.12	LAA	12							
18A	KEYSTONE 5.25	1.97	LAA	9	50	98	99	99	99	99	
B	HORNET 68.5WG	0.128	LAA	12							
C	CALLISTO 4SC	0.023	LAA	12							
D	ATRAZINE DF	0.25	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
19A	CHECK	0.00	NA	0	0	0	0	0	0	0	
20A	BICEP LT II MA	2.25	LAA	9	95	98	99	99	97	99	
B	IMPACT 2.8SC	0.016	LAA	12							
C	ATRAZINE DF	0.50	LAA	12							
D	MISO	1.00	PMV	12							
E	LIQUID AMS	2.50	PMV	12							
21A	GUARDSMAN MAX	2.50	LAA	9	85	88	99	99	99	99	
B	DISTINCT 70SG	0.175	LAA	12							
C	ACTIVATOR 90	0.25	PMV	12							
D	LIQUID AMS	2.50	PMV	12							
22A	CINCH ATZ 5.5L	1.03	LAA	9	87	99	99	99	99	99	
B	STEADFAST 75WG	0.035	LAA	12							
C	CALLISTO 4SC	0.047	LAA	12							
D	ATRAZINE DF	0.50	LAA	12							
E	COC	1.00	PMV	12							
F	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	13.12	17.70	3.68	3.89	4.61	0.313
					STANDARD DEVIATION	6.49	8.76	1.82	1.93	2.28	0.155

**TITLE:** Weed Control Systems in Glyphosate Resistant Corn.  
**CREATED:** 04/23/2005 **REVISED:** 11/19/2005 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	IPOHE	SETFA	ABUTH	CHEAL	AMARE
		RATE	UNIT		CON % 06/27/05	CON % 06/27/05	CON % 07/05/05	CON % 07/05/05	CON % 07/05/05	CON % 07/05/05
1A	GUARDSMAN MAX	1.88	LAA	9						
B	MARKSMAN SC	1.20	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	WEATHERMAX 4.5	0.56	LAA	11						
B	DISTINCT 70SG	0.131	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	ACTIVATOR 90	0.25	PMV	11						
E	LIQUID AMS	2.50	PMV	11						
3A	KIH-485 60WG	0.15	LAA	11						
B	ATRAZINE DF	0.75	LAA	11						
C	WEATHERMAX 4.5	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STALWART EXTRA	1.51	LAA	9	0	93				
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	KIH-485 60WG	0.075	LAA	9	0	89				
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	KIH-485 60WG	0.15	LAA	9	0	93				
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	HARNESS (7EC)	0.77	LAA	12	0	97				
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 60WG	0.15	LAA	12	0	98				
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	KEYSTONE 5.25	1.64	LAA	9	0	96				
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	LUMAX	1.48	LAA	9	0	98				
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	LEXAR 3.7L	1.62	LAA	9	0	96				
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	BICEP II MAG	1.72	LAA	9	0	92				
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	HARNESS XTRA	1.40	LAA	9	0	84				
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12	0	92				
B	LIQUID AMS	2.50	PMV	12						
15A	WEATHERMAX 4.5	0.56	LAA	11	0	95	96	99	98	99
B	LIQUID AMS	2.50	PMV	11						
C	WEATHERMAX 4.5	0.56	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
16A	BICEP II MAG	2.41	LAA	9	0	99				
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	COC	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						

## TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	IPOHE	SETFA	ABUTH	CHEAL	AMARE
		RATE	UNIT	TM	CON % 06/27/05	CON % 06/27/05	CON % 07/05/05	CON % 07/05/05	CON % 07/05/05	CON % 07/05/05
17A	KEYSTONE 5.25	1.64	LAA	9	12	98				
B	STARANE 1.5EC	0.12	LAA	12						
18A	KEYSTONE 5.25	1.97	LAA	9	0	99				
B	HORNET 68.5WG	0.128	LAA	12						
C	CALLISTO 4SC	0.023	LAA	12						
D	ATRAZINE DF	0.25	LAA	12						
E	COC	1.00	PMV	12						
F	LIQUID AMS	2.50	PMV	12						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A	BICEP LT II MA	2.25	LAA	9	0	94				
B	IMPACT 2.8SC	0.016	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	MISO	1.00	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
21A	GUARDSMAN MAX	2.50	LAA	9	0	89				
B	DISTINCT 70SG	0.175	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
22A	CINCH ATZ 5.5L	1.03	LAA	9	0	97				
B	STEADFAST 75WG	0.035	LAA	12						
C	CALLISTO 4SC	0.047	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	COC	1.00	PMV	12						
F	LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			1.09	8.24	12.25	1.43	5.74	0.00
		STANDARD DEVIATION			0.541	4.08	2.85	0.333	1.33	0.00



**TITLE:** Weed Control Systems in Glyphosate Resistant Corn.  
**CREATED:** 04/23/2005 **REVISED:** 11/19/2005 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Perry **RESEARCHED BY:** MAXWELL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	DATST	XANST	ZEAMD	IPOHE	YIELD BU/A 10/20/05
		RATE	UNIT		CON % 07/05/05	CON % 07/05/05	CON % 07/05/05	CON % 07/05/05	
1A	GUARDSMAN MAX	1.88	LAA	9					130.6
B	MARKSMAN SC	1.20	LAA	11					
C	LIQUID AMS	2.50	PMV	11					
2A	WEATHERMAX 4.5	0.56	LAA	11					124.7
B	DISTINCT 70SG	0.131	LAA	11					
C	ATRAZINE DF	0.75	LAA	11					
D	ACTIVATOR 90	0.25	PMV	11					
E	LIQUID AMS	2.50	PMV	11					
3A	KIH-485 60WG	0.15	LAA	11					147.2
B	ATRAZINE DF	0.75	LAA	11					
C	WEATHERMAX 4.5	0.75	LAA	11					
D	LIQUID AMS	2.50	PMV	11					
4A	STALWART EXTRA	1.51	LAA	9					125.3
B	WEATHERMAX 4.5	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
5A	KIH-485 60WG	0.075	LAA	9					116.9
B	WEATHERMAX 4.5	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
6A	KIH-485 60WG	0.15	LAA	9					156.6
B	WEATHERMAX 4.5	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
7A	HARNESS (7EC)	0.77	LAA	12					145.5
B	WEATHERMAX 4.5	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
8A	KIH-485 60WG	0.15	LAA	12					140.0
B	WEATHERMAX 4.5	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
9A	KEYSTONE 5.25	1.64	LAA	9					161.0
B	GLYPHOMAX XRT	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
10A	LUMAX	1.48	LAA	9					157.8
B	TOUCHDN TOTAL	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
11A	LEXAR 3.7L	1.62	LAA	9					141.6
B	TOUCHDN TOTAL	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
12A	BICEP II MAG	1.72	LAA	9					126.0
B	TOUCHDN TOTAL	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
13A	HARNESS XTRA	1.40	LAA	9					140.2
B	WEATHERMAX 4.5	0.75	LAA	12					
C	LIQUID AMS	2.50	PMV	12					
14A	WEATHERMAX 4.5	0.75	LAA	12					134.3
B	LIQUID AMS	2.50	PMV	12					
15A	WEATHERMAX 4.5	0.56	LAA	11	99	99	0	93	124.3
B	LIQUID AMS	2.50	PMV	11					
C	WEATHERMAX 4.5	0.56	LAA	13					
D	LIQUID AMS	2.50	PMV	13					
16A	BICEP II MAG	2.41	LAA	9					132.0
B	CALLISTO 4SC	0.094	LAA	12					
C	ATRAZINE DF	0.50	LAA	12					
D	COC	1.00	PMV	12					
E	LIQUID AMS	2.50	PMV	12					

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT	TREATMENT	DOSAGE	DATST	XANST	ZEAMD	IPOHE	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	BU/A
					07/05/05	07/05/05	07/05/05	07/05/05	10/20/05
17A	KEYSTONE 5.25	1.64	LAA	9					101.6
B	STARANE 1.5EC	0.12	LAA	12					
18A	KEYSTONE 5.25	1.97	LAA	9					142.6
B	HORNET 68.5WG	0.128	LAA	12					
C	CALLISTO 4SC	0.023	LAA	12					
D	ATRAZINE DF	0.25	LAA	12					
E	COC	1.00	PMV	12					
F	LIQUID AMS	2.50	PMV	12					
19A	CHECK	0.00	NA	0	0	0	0	0	80.8
20A	BICEP LT II MA	2.25	LAA	9					139.7
B	IMPACT 2.8SC	0.016	LAA	12					
C	ATRAZINE DF	0.50	LAA	12					
D	MISO	1.00	PMV	12					
E	LIQUID AMS	2.50	PMV	12					
21A	GUARDSMAN MAX	2.50	LAA	9					142.4
B	DISTINCT 70SG	0.175	LAA	12					
C	ACTIVATOR 90	0.25	PMV	12					
D	LIQUID AMS	2.50	PMV	12					
22A	CINCH ATZ 5.5L	1.03	LAA	9					145.4
B	STEADFAST 75WG	0.035	LAA	12					
C	CALLISTO 4SC	0.047	LAA	12					
D	ATRAZINE DF	0.50	LAA	12					
E	COC	1.00	PMV	12					
F	LIQUID AMS	2.50	PMV	12					
		LSD (0.05)			0.00	0.00	0.00	7.17	44.67
		STANDARD DEVIATION			0.00	0.00	0.00	1.67	22.34

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/03/2005(1)
- 11 = ----- / EPOST 05/26/2005(2)
- 12 = ----- / POST 05/31/2005(3)
- 13 = ----- / LPOST 06/09/2005(4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	SETFA	CON %	05/26/2005	01	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ABUTH	CON %	05/26/2005	02	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/26/2005	03	P	CHEAL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMARE	CON %	05/26/2005	04	P	AMARE	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	DATST	CON %	05/26/2005	05	P	DATST	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	05/26/2005	06	P	XANST	06	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	05/26/2005	07	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/09/2005	01	P	SETFA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/09/2005	02	P	ABUTH	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/09/2005	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMARE	CON %	06/09/2005	04	P	AMARE	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	DATST	CON %	06/09/2005	05	P	DATST	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	06/09/2005	06	P	XANST	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	CON %	06/09/2005	07	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	06/13/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	06/13/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/13/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMARE	CON %	06/13/2005	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	DATST	CON %	06/13/2005	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	CON %	06/13/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ZEAMD	CON %	06/13/2005	07	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	IPOHE	CON %	06/13/2005	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	06/20/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	06/20/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	CHEAL	CON %	06/20/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	AMARE	CON %	06/20/2005	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	DATST	CON %	06/20/2005	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
028	XANST	CON %	06/20/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	ZEAMD	CON %	06/20/2005	07	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	IPOHE	CON %	06/20/2005	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	SETFA	CON %	06/27/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	ABUTH	CON %	06/27/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	CHEAL	CON %	06/27/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	AMARE	CON %	06/27/2005	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	DATST	CON %	06/27/2005	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	XANST	CON %	06/27/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	ZEAMD	CON %	06/27/2005	07	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
038	IPOHE	CON %	06/27/2005	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
039	SETFA	CON %	07/05/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
040	ABUTH	CON %	07/05/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
041	CHEAL	CON %	07/05/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
042	AMARE	CON %	07/05/2005	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
043	DATST	CON %	07/05/2005	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
044	XANST	CON %	07/05/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
045	ZEAMD	CON %	07/05/2005	07	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
046	IPOHE	CON %	07/05/2005	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
047	YIELD	BU/A	10/20/2005	07	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

07 = BURRUS 484 S

## \* STAGE CODE

12 = 2 LEAVES UNFOLDED  
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
16 = 6 LEAVES UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED