

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: NA - NONE
 %RESIDUE: 0
 PLOT WIDTH: 10 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/26/05	05/24/05	06/01/05	06/15/05	AME
AIR TEMPERATURE	50	68	82	75	F
% REL.HUMIDITY	75	45	27	56	
WIND DIRECTION	NORTHWEST	NORTHEAST	EAST	WEST	
WIND SPEED	10.0	6.5	12.5	12.6	M/H
CLOUD COVER	CLOUDY	CLOUDY	HAZY SUN	CLOUDY	
DEW	NA/UNKNOW	NO	NO	NO	
SOIL MOISTURE	MOIST/DRY	DRY/DRY	DRY/DRY	DRY/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/00 /	MED/12 0.50/1.00	MED/15 1.50/2.50	MED/19 5.00/8.00	IN
RAGWEED, GIANT	MED/00 /	MED/13 1.00/3.00	MED/19 2.00/6.00	MED/19 14.0/22.0	IN
LAMBSQUARTERS, C	MED/00 /	MED/16 0.50/1.50	MED/19 0.50/3.00	MED/19 2.00/14.0	IN
FOXTAIL, GIANT	MED/01 /	MED/12 0.50/2.00	MED/15 3.00/6.00	MED/18 6.00/11.0	IN
CORN, DENT DKC60-18 RR2/YGP 04/26/2005	HGH/00 /	HGH/13 3.00/5.00	HGH/14 5.00/8.00	HGH/17 16.0/22.0	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED; DORMANCY
 01 = BEGINNING OF IMBIBITION
 12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Glyphosate Resistant Corn.
CREATED: 04/22/2005 **REVISED:** 11/21/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 32.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	AMBTR	CHEAL	ZEAMD	SETFA
		RATE	UNIT		CON % 05/24/05	CON % 05/24/05	CON % 05/24/05	CON % 05/24/05	CON % 05/24/05	CON % 06/08/05
1A	DEGREE XTRA	1.52	LAA	9	99	37	23	82	0	
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
2A>>	STALWART EXTRA	1.83	LAA	9	99	77	88	99	0	
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
3A>>	KIH-485 60WG	0.09	LAA	9	97	57	80	57	0	
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
4A>>	KIH-485 60WG	0.19	LAA	9	90	67	60	80	0	
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
5A	HARNES (7EC)	1.00	LAA	12						
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
6A>>	KIH-485 60WG	0.19	LAA	12						
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
7A>>	WEATHERMAX 4.5	0.56	LAA	11						97
	B CLARITY	0.25	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D>>LIQUID AMS	2.50	PMV	11						
8A>>	WEATHERMAX 4.5	0.56	LAA	11						98
	B MARKSMAN SC	1.20	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
9A>>	WEATHERMAX 4.5	0.56	LAA	11						97
	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						
10A>>	WEATHERMAX 4.5	0.56	LAA	11						98
	B DISTINCT 70SG	0.131	LAA	11						
	C PROWL H2O 3.8	1.19	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>ACTIVATOR 90	0.25	PMV	11						
	F>>LIQUID AMS	2.50	PMV	11						
11A	OUTLOOK 6EC	0.56	LAA	9	99	72	78	93	0	98
	B>>WEATHERMAX 4.5	0.56	LAA	11						
	C DISTINCT 70SG	0.131	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>ACTIVATOR 90	0.25	PMV	11						
	F>>LIQUID AMS	2.50	PMV	11						
12A	KEYSTONE 5.25	1.97	LAA	9	97	90	91	99	0	
	B>>GLYPHOMAX XRT	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
13A>>	WEATHERMAX 4.5	0.75	LAA	12						
	B>>LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	KEYSTONE 5.25	1.97	LAA	9	99	81	91	99	0	
	B STARANE 1.5EC	0.12	LAA	12						
16A	KEYSTONE 5.25	3.50	LAA	9	99	85	91	99	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						

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	ABUTH	AMBTR	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 05/24/05	CON % 05/24/05	CON % 05/24/05	CON % 05/24/05	CON % 05/24/05	CON % 06/08/05
17A	BICEP II MAG	1.50	LAA	9	93	77	84	98	0	
	B»IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	GUARDSMAN MAX	2.50	LAA	9	99	88	93	99	0	99
	B MARKSMAN SC	1.20	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	OUTLOOK 6EC	0.98	LAA	9	99	63	55	90	0	97
	B MARKSMAN SC	1.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	GUARDSMAN MAX	2.50	LAA	9	99	86	92	99	0	
	B DISTINCT 70SG	0.175	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
21A»	CINCH ATZ 5.5L	1.03	LAA	9	96	57	78	94	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						
22A»	WEATHERMAX 4.5	0.56	LAA	11						97
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			4.23	15.00	15.66	10.41	0.00	2.44
		STANDARD DEVIATION			2.06	7.30	7.62	5.07	0.00	1.15

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CREATED: 04/22/2005 **REVISED:** 11/21/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	AMBTR	CHEAL	ZEAMD	SETFA	ABUTH	
		RATE	UNIT		CON % 06/08/05	CON % 06/08/05	CON % 06/08/05	CON % 06/08/05	CON % 06/15/05	CON % 06/15/05	
1A	DEGREE XTRA	1.52	LAA	9						99	97
	B>>WEATHERMAX 4.5	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
2A>>	STALWART EXTRA	1.83	LAA	9						99	97
	B>>WEATHERMAX 4.5	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
3A>>	KIH-485 60WG	0.09	LAA	9						99	96
	B>>WEATHERMAX 4.5	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
4A>>	KIH-485 60WG	0.19	LAA	9						98	98
	B>>WEATHERMAX 4.5	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
5A	HARNES (7EC)	1.00	LAA	12						99	97
	B>>WEATHERMAX 4.5	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
6A>>	KIH-485 60WG	0.19	LAA	12						99	98
	B>>WEATHERMAX 4.5	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
7A>>	WEATHERMAX 4.5	0.56	LAA	11	95	96	98	0			
	B CLARITY	0.25	LAA	11							
	C ATRAZINE DF	0.75	LAA	11							
	D>>LIQUID AMS	2.50	PMV	11							
8A>>	WEATHERMAX 4.5	0.56	LAA	11	98	98	99	0			
	B MARKSMAN SC	1.20	LAA	11							
	C>>LIQUID AMS	2.50	PMV	11							
9A>>	WEATHERMAX 4.5	0.56	LAA	11	97	93	99	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							
10A>>	WEATHERMAX 4.5	0.56	LAA	11	99	93	99	1			
	B DISTINCT 70SG	0.131	LAA	11							
	C PROWL H2O 3.8	1.19	LAA	11							
	D ATRAZINE DF	0.75	LAA	11							
	E>>ACTIVATOR 90	0.25	PMV	11							
	F>>LIQUID AMS	2.50	PMV	11							
11A	OUTLOOK 6EC	0.56	LAA	9	98	95	99	0			
	B>>WEATHERMAX 4.5	0.56	LAA	11							
	C DISTINCT 70SG	0.131	LAA	11							
	D ATRAZINE DF	0.75	LAA	11							
	E>>ACTIVATOR 90	0.25	PMV	11							
	F>>LIQUID AMS	2.50	PMV	11							
12A	KEYSTONE 5.25	1.97	LAA	9						99	99
	B>>GLYPHOMAX XRT	0.75	LAA	12							
	C>>LIQUID AMS	2.50	PMV	12							
13A>>	WEATHERMAX 4.5	0.75	LAA	12						93	96
	B>>LIQUID AMS	2.50	PMV	12							
14A	CHECK	0.00	NA	0	0	0	0	0	0	0	0
15A	KEYSTONE 5.25	1.97	LAA	9						89	91
	B STARANE 1.5EC	0.12	LAA	12							
16A	KEYSTONE 5.25	3.50	LAA	9						96	98
	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							

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	AMBTR	CHEAL	ZEAMD	SETFA	ABUTH
		RATE	UNIT	TM	CON % 06/08/05	CON % 06/08/05	CON % 06/08/05	CON % 06/08/05	CON % 06/15/05	CON % 06/15/05
17A	BICEP II MAG	1.50	LAA	9					98	97
	B»IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	GUARDSMAN MAX	2.50	LAA	9	99	97	99	0		
	B MARKSMAN SC	1.20	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	OUTLOOK 6EC	0.98	LAA	9	96	96	99	0		
	B MARKSMAN SC	1.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	GUARDSMAN MAX	2.50	LAA	9				99		97
	B DISTINCT 70SG	0.175	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
21A»	CINCH ATZ 5.5L	1.03	LAA	9				98		98
	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						
22A»	WEATHERMAX 4.5	0.56	LAA	11	97	87	85	0		
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			2.68	3.07	6.14	1.00	6.00	3.12
		STANDARD DEVIATION			1.27	1.45	2.90	0.471	2.93	1.52

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CREATED: 04/22/2005 **REVISED:** 11/21/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	CHEAL	ZEAMD	SETFA	ABUTH	AMBTR
		RATE	UNIT		CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/23/05	CON % 06/23/05	CON % 06/23/05
1A	DEGREE XTRA	1.52	LAA	9	92	96	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
2A>>	STALWART EXTRA	1.83	LAA	9	94	96	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
3A>>	KIH-485 60WG	0.09	LAA	9	89	78	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
4A>>	KIH-485 60WG	0.19	LAA	9	90	67	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
5A	HARNES (7EC)	1.00	LAA	12	92	72	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
6A>>	KIH-485 60WG	0.19	LAA	12	93	83	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
7A>>	WEATHERMAX 4.5	0.56	LAA	11				87	85	89
	B CLARITY	0.25	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D>>LIQUID AMS	2.50	PMV	11						
8A>>	WEATHERMAX 4.5	0.56	LAA	11				93	93	93
	B MARKSMAN SC	1.20	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
9A>>	WEATHERMAX 4.5	0.56	LAA	11				93	86	86
	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						
10A>>	WEATHERMAX 4.5	0.56	LAA	11				94	91	91
	B DISTINCT 70SG	0.131	LAA	11						
	C PROWL H2O 3.8	1.19	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>ACTIVATOR 90	0.25	PMV	11						
	F>>LIQUID AMS	2.50	PMV	11						
11A	OUTLOOK 6EC	0.56	LAA	9				97	95	83
	B>>WEATHERMAX 4.5	0.56	LAA	11						
	C DISTINCT 70SG	0.131	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>ACTIVATOR 90	0.25	PMV	11						
	F>>LIQUID AMS	2.50	PMV	11						
12A	KEYSTONE 5.25	1.97	LAA	9	98	99	0			
	B>>GLYPHOMAX XRT	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
13A>>	WEATHERMAX 4.5	0.75	LAA	12	94	52	0			
	B>>LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	KEYSTONE 5.25	1.97	LAA	9	87	85	0			
	B STARANE 1.5EC	0.12	LAA	12						
16A	KEYSTONE 5.25	3.50	LAA	9	95	99	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						

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	CHEAL	ZEAMD	SETFA	ABUTH	AMBTR
		RATE	UNIT	TM	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/23/05	CON % 06/23/05	CON % 06/23/05
17A	BICEP II MAG	1.50	LAA	9	97	99	0			
	B>>IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D>>MSO	1.00	PMV	12						
	E>>LIQUID AMS	2.50	PMV	12						
18A	GUARDSMAN MAX	2.50	LAA	9				98	95	95
	B MARKSMAN SC	1.20	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
19A	OUTLOOK 6EC	0.98	LAA	9				97	93	97
	B MARKSMAN SC	1.40	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
20A	GUARDSMAN MAX	2.50	LAA	9	98	99	0			
	B DISTINCT 70SG	0.175	LAA	12						
	C>>ACTIVATOR 90	0.25	PMV	12						
	D>>LIQUID AMS	2.50	PMV	12						
21A>>	CINCH ATZ 5.5L	1.03	LAA	9	96	99	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						
22A>>	WEATHERMAX 4.5	0.56	LAA	11				99	98	93
	B>>LIQUID AMS	2.50	PMV	11						
	C>>WEATHERMAX 4.5	0.56	LAA	13						
	D>>LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			4.55	13.16	0.00	4.44	5.82	6.91
		STANDARD DEVIATION			2.21	6.40	0.00	2.09	2.75	3.26

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

CREATED: 04/22/2005 REVISED: 11/21/2005

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DeKalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 32.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	ZEAMD	SETFA	ABUTH	AMBTR	CHEAL
		RATE	UNIT		CON % 06/23/05	CON % 06/23/05	CON % 06/30/05	CON % 06/30/05	CON % 06/30/05	CON % 06/30/05
1A	DEGREE XTRA	1.52	LAA	9			97	83	89	90
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
2A>>	STALWART EXTRA	1.83	LAA	9			97	92	85	98
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
3A>>	KIH-485 60WG	0.09	LAA	9			94	88	85	68
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
4A>>	KIH-485 60WG	0.19	LAA	9			92	93	79	50
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
5A	HARNES (7EC)	1.00	LAA	12			98	94	90	47
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
6A>>	KIH-485 60WG	0.19	LAA	12			97	83	93	52
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
7A>>	WEATHERMAX 4.5	0.56	LAA	11	97	0				
	B CLARITY	0.25	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D>>LIQUID AMS	2.50	PMV	11						
8A>>	WEATHERMAX 4.5	0.56	LAA	11	99	0				
	B MARKSMAN SC	1.20	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
9A>>	WEATHERMAX 4.5	0.56	LAA	11	99	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						
10A>>	WEATHERMAX 4.5	0.56	LAA	11	99	0				
	B DISTINCT 70SG	0.131	LAA	11						
	C PROWL H2O 3.8	1.19	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>ACTIVATOR 90	0.25	PMV	11						
	F>>LIQUID AMS	2.50	PMV	11						
11A	OUTLOOK 6EC	0.56	LAA	9	99	0				
	B>>WEATHERMAX 4.5	0.56	LAA	11						
	C DISTINCT 70SG	0.131	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>ACTIVATOR 90	0.25	PMV	11						
	F>>LIQUID AMS	2.50	PMV	11						
12A	KEYSTONE 5.25	1.97	LAA	9			96	93	91	98
	B>>GLYPHOMAX XRT	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
13A>>	WEATHERMAX 4.5	0.75	LAA	12			89	97	89	30
	B>>LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	KEYSTONE 5.25	1.97	LAA	9			89	67	80	76
	B STARANE 1.5EC	0.12	LAA	12						
16A	KEYSTONE 5.25	3.50	LAA	9			98	97	96	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						

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ZEAMD	SETFA	ABUTH	AMBTR	CHEAL
		RATE	UNIT	TM	CON % 06/23/05	CON % 06/23/05	CON % 06/30/05	CON % 06/30/05	CON % 06/30/05	CON % 06/30/05
17A	BICEP II MAG	1.50	LAA	9			91	84	87	98
	B>>IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D>>MSO	1.00	PMV	12						
	E>>LIQUID AMS	2.50	PMV	12						
18A	GUARDSMAN MAX	2.50	LAA	9	99	0				
	B MARKSMAN SC	1.20	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
19A	OUTLOOK 6EC	0.98	LAA	9	99	0				
	B MARKSMAN SC	1.40	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
20A	GUARDSMAN MAX	2.50	LAA	9			97	85	91	99
	B DISTINCT 70SG	0.175	LAA	12						
	C>>ACTIVATOR 90	0.25	PMV	12						
	D>>LIQUID AMS	2.50	PMV	12						
21A>>	CINCH ATZ 5.5L	1.03	LAA	9			92	91	91	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						
22A>>	WEATHERMAX 4.5	0.56	LAA	11	89	0	99	99	92	80
	B>>LIQUID AMS	2.50	PMV	11						
	C>>WEATHERMAX 4.5	0.56	LAA	13						
	D>>LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			6.00	0.00	9.88	10.00	9.54	18.48
		STANDARD DEVIATION			2.84	0.00	4.82	4.90	4.66	9.00

TITLE: Weed Control Systems in Glyphosate Resistant Corn.
CREATED: 04/22/2005 **REVISED:** 11/21/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 32.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	ZEAMD	SETFA	ABUTH	AMBTR	CHEAL	ZEAMD
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/30/05	07/14/05	07/14/05	07/14/05
1A	DEGREE XTRA	1.52	LAA	9	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
2A>>	STALWART EXTRA	1.83	LAA	9	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
3A>>	KIH-485 60WG	0.09	LAA	9	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
4A>>	KIH-485 60WG	0.19	LAA	9	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
5A	HARNES (7EC)	1.00	LAA	12	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
6A>>	KIH-485 60WG	0.19	LAA	12	0			
	B>>WEATHERMAX 4.5	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
7A>>	WEATHERMAX 4.5	0.56	LAA	11				
	B CLARITY	0.25	LAA	11				
	C ATRAZINE DF	0.75	LAA	11				
	D>>LIQUID AMS	2.50	PMV	11				
8A>>	WEATHERMAX 4.5	0.56	LAA	11				
	B MARKSMAN SC	1.20	LAA	11				
	C>>LIQUID AMS	2.50	PMV	11				
9A>>	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				
10A>>	WEATHERMAX 4.5	0.56	LAA	11				
	B DISTINCT 70SG	0.131	LAA	11				
	C PROWL H2O 3.8	1.19	LAA	11				
	D ATRAZINE DF	0.75	LAA	11				
	E>>ACTIVATOR 90	0.25	PMV	11				
	F>>LIQUID AMS	2.50	PMV	11				
11A	OUTLOOK 6EC	0.56	LAA	9				
	B>>WEATHERMAX 4.5	0.56	LAA	11				
	C DISTINCT 70SG	0.131	LAA	11				
	D ATRAZINE DF	0.75	LAA	11				
	E>>ACTIVATOR 90	0.25	PMV	11				
	F>>LIQUID AMS	2.50	PMV	11				
12A	KEYSTONE 5.25	1.97	LAA	9	0			
	B>>GLYPHOMAX XRT	0.75	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
13A>>	WEATHERMAX 4.5	0.75	LAA	12	0			
	B>>LIQUID AMS	2.50	PMV	12				
14A	CHECK	0.00	NA	0	0	0	0	0
15A	KEYSTONE 5.25	1.97	LAA	9	0			
	B STARANE 1.5EC	0.12	LAA	12				
16A	KEYSTONE 5.25	3.50	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				

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	ABUTH	AMBTR	CHEAL	ZEAMD
		RATE	UNIT	TM	CON % 06/30/05	CON % 07/14/05	CON % 07/14/05	CON % 07/14/05	CON % 07/14/05	CON % 07/14/05
17A	BICEP II MAG	1.50	LAA	9	0					
	B»IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	GUARDSMAN MAX	2.50	LAA	9						
	B MARKSMAN SC	1.20	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	OUTLOOK 6EC	0.98	LAA	9						
	B MARKSMAN SC	1.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	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						
21A»	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						
22A»	WEATHERMAX 4.5	0.56	LAA	11	0	98	98	95	84	0
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	0.00	4.30	7.59	30.22	0.00
		STANDARD DEVIATION			0.00	0.00	1.00	1.76	7.00	0.00

TITLE: Weed Control Systems in Glyphosate Resistant Corn.
CREATED: 04/22/2005 **REVISED:** 11/21/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 32.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	YIELD BU/A 10/14/05
		RATE	UNIT		
1A	DEGREE XTRA	1.52	LAA 9		281.0
	B»WEATHERMAX 4.5	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
2A»	STALWART EXTRA	1.83	LAA 9		276.9
	B»WEATHERMAX 4.5	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
3A»	KIH-485 60WG	0.09	LAA 9		265.3
	B»WEATHERMAX 4.5	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
4A»	KIH-485 60WG	0.19	LAA 9		264.0
	B»WEATHERMAX 4.5	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
5A	HARNES (7EC)	1.00	LAA 12		269.3
	B»WEATHERMAX 4.5	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
6A»	KIH-485 60WG	0.19	LAA 12		276.6
	B»WEATHERMAX 4.5	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
7A»	WEATHERMAX 4.5	0.56	LAA 11		269.7
	B CLARITY	0.25	LAA 11		
	C ATRAZINE DF	0.75	LAA 11		
	D»LIQUID AMS	2.50	PMV 11		
8A»	WEATHERMAX 4.5	0.56	LAA 11		266.0
	B MARKSMAN SC	1.20	LAA 11		
	C»LIQUID AMS	2.50	PMV 11		
9A»	WEATHERMAX 4.5	0.56	LAA 11		277.4
	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		
10A»	WEATHERMAX 4.5	0.56	LAA 11		269.4
	B DISTINCT 70SG	0.131	LAA 11		
	C PROWL H2O 3.8	1.19	LAA 11		
	D ATRAZINE DF	0.75	LAA 11		
	E»ACTIVATOR 90	0.25	PMV 11		
	F»LIQUID AMS	2.50	PMV 11		
11A	OUTLOOK 6EC	0.56	LAA 9		265.3
	B»WEATHERMAX 4.5	0.56	LAA 11		
	C DISTINCT 70SG	0.131	LAA 11		
	D ATRAZINE DF	0.75	LAA 11		
	E»ACTIVATOR 90	0.25	PMV 11		
	F»LIQUID AMS	2.50	PMV 11		
12A	KEYSTONE 5.25	1.97	LAA 9		272.7
	B»GLYPHOMAX XRT	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
13A»	WEATHERMAX 4.5	0.75	LAA 12		260.9
	B»LIQUID AMS	2.50	PMV 12		
14A	CHECK	0.00	NA 0		51.9
15A	KEYSTONE 5.25	1.97	LAA 9		257.1
	B STARANE 1.5EC	0.12	LAA 12		
16A	KEYSTONE 5.25	3.50	LAA 9		241.3
	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		

TITLE: Weed Control Systems in Glyphosate Resistant Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/14/05
		RATE	UNIT	
17A	BICEP II MAG	1.50	LAA 9	270.7
	B>>IMPACT 2.8SC	0.016	LAA 12	
	C ATRAZINE DF	0.50	LAA 12	
	D>>MSO	1.00	PMV 12	
	E>>LIQUID AMS	2.50	PMV 12	
18A	GUARDSMAN MAX	2.50	LAA 9	277.0
	B MARKSMAN SC	1.20	LAA 11	
	C>>LIQUID AMS	2.50	PMV 11	
19A	OUTLOOK 6EC	0.98	LAA 9	277.6
	B MARKSMAN SC	1.40	LAA 11	
	C>>LIQUID AMS	2.50	PMV 11	
20A	GUARDSMAN MAX	2.50	LAA 9	270.9
	B DISTINCT 70SG	0.175	LAA 12	
	C>>ACTIVATOR 90	0.25	PMV 12	
	D>>LIQUID AMS	2.50	PMV 12	
21A>>	CINCH ATZ 5.5L	1.03	LAA 9	278.4
	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	
22A>>	WEATHERMAX 4.5	0.56	LAA 11	276.0
	B>>LIQUID AMS	2.50	PMV 11	
	C>>WEATHERMAX 4.5	0.56	LAA 13	
	D>>LIQUID AMS	2.50	PMV 13	
	LSD (0.05)			30.77
	STANDARD DEVIATION			15.38

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 04/26/2005(1)
- 11 = ----- / EPOST 05/24/2005(2)
- 12 = ----- / POST 06/01/2005(3)
- 13 = ----- / LPOST 06/15/2005(4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	SETFA	CON %	05/24/2005	01	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ABUTH	CON %	05/24/2005	02	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	05/24/2005	03	P	AMBTR	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/24/2005	04	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	05/24/2005	05	P	ZEAMD	13	RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/08/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	06/08/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/08/2005	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/08/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	06/08/2005	05	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	06/15/2005	01	P	SETFA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/15/2005	02	P	ABUTH	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	06/15/2005	03	P	AMBTR	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	06/15/2005	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/15/2005	05	P	ZEAMD	17	RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/23/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	06/23/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBTR	CON %	06/23/2005	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	06/23/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ZEAMD	CON %	06/23/2005	05	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
021	SETFA	CON %	06/30/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	06/30/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	AMBTR	CON %	06/30/2005	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	06/30/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ZEAMD	CON %	06/30/2005	05	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
026	SETFA	CON %	07/14/2005	01	P	SETFA		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
027	ABUTH	CON %	07/14/2005	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	AMBTR	CON %	07/14/2005	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	CHEAL	CON %	07/14/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	ZEAMD	CON %	07/14/2005	05	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
031	YIELD	BU/A	10/14/2005	05	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

05 = DKC60-18 RR2/YGPL

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED