

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH:
 %OM: 0.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/22/06	06/27/06	AME
AIR TEMPERATURE	70	73	F
% REL.HUMIDITY	32	63	
WIND DIRECTION	NORTH	NORTH	
WIND SPEED	6.0	4.0	M/H
CLOUD COVER	CLEAR	CLOUDY	
DEW	NO	YES	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/00	---/16	
A 4502	0.00/0.00	11.0/11.0	IN
05/22/2006			
*** PEST ***			
WATERHEMP, COMMO	---/00	---/19	
	0.00/0.00	8.00/8.00	IN
RAGWEED, COMMON	---/00	---/16	
	0.00/0.00	10.0/10.0	IN
LAMBSQUARTERS, C	---/00	---/19	
	0.00/0.00	8.00/8.00	IN
MORNINGGLORY, TA	---/00	---/16	
	0.00/0.00	6.00/6.00	IN
FOXTAIL, GIANT	---/00	---/13	
	0.00/0.00	9.00/9.00	IN
SHATTERCANE, SOR	---/00	---/15	
	0.00/0.00	17.0/17.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

00 = DRY SEED
 13 = 3 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean. 800
CREATED: 05/04/2006 **REVISED:** 11/03/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		GLXMA	SORVU	SETFA	AMATA	CHEAL	AMBEL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/27/06	06/27/06	06/27/06	06/27/06	06/27/06	06/27/06
1A	PREFIX 5.32SL	1.00	LAA 9	0	90	90	99	85	91
B	TOUCHDN TOTAL	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
2A	PREFIX 5.32SL	1.34	LAA 9	0	95	86	99	75	85
B	TOUCHDN TOTAL	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
3A	PREFIX 5.32SL	1.58	LAA 9	0	97	92	99	86	88
B	TOUCHDN TOTAL	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
4A	BOUNDARY 6.5EC	1.22	LAA 9	0	96	95	99	90	90
B	TOUCHDN TOTAL	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
5A	VALOR 51WG	0.047	LAA 9	0	96	46	90	98	97
B	FIRSTRATE 84WG	0.016	LAA 9						
C	GLYPHOMAX XRT	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
6A	CANOPY 75WG	0.16	LAA 9	0	99	70	66	99	99
B	WEATHERMAX 4.5	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
7A	VALOR 51WG	0.063	LAA 9	0	75	35	96	94	95
B	GLYPHOMAX XRT	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
8A	KIH-485 85WG	0.15	LAA 9	0	96	97	99	96	99
B	VALOR 51WG	0.047	LAA 9						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
9A	WEATHERMAX 4.5	0.75	LAA 12	0	0	0	0	0	0
B	LIQUID AMS	2.50	PMV 12						
10A	SPARTAN 4F	0.167	LAA 9	0	97	60	89	99	84
B	SENCOR 75WG	0.098	LAA 9						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
11A	CLASSIC 25WG	0.015	LAA 9	0	99	15	12	99	94
B	HARMONY GT 50W	0.005	LAA 9						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
12A	CLASSIC 25WG	0.015	LAA 9	0	98	37	44	98	99
B	LINEX 4L	0.28	LAA 9						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	PURSUIT +	0.91	LAA 9	0	95	89	89	99	90
B	WEATHERMAX 4.5	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
15A	KIH-485 85WG	0.15	LAA 12	0	0	0	0	0	0
B	WEATHERMAX 4.5	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
16A	ET-751 0.21L	0.0008	LAA 12	0	0	0	0	0	0
B	WEATHERMAX 4.5	0.75	LAA 12						
C	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.00	17.85	12.23	11.58	8.18	7.07
STANDARD DEVIATION				0.00	8.74	6.00	5.67	4.00	3.46

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean. 800
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LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	GLXMA	SORVU	SETFA	AMATA	CHEAL
		RATE	UNIT		CON % 06/27/06	CON % 07/10/06	CON % 07/10/06	CON % 07/10/06	CON % 07/10/06	CON % 07/10/06
1A	PREFIX 5.32SL	1.00	LAA	9	83	0	99	97	99	94
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
2A	PREFIX 5.32SL	1.34	LAA	9	95	0	99	97	99	96
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
3A	PREFIX 5.32SL	1.58	LAA	9	77	0	99	97	99	96
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	BOUNDARY 6.5EC	1.22	LAA	9	85	0	99	98	99	93
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	VALOR 51WG	0.047	LAA	9	97	0	99	95	99	96
B	FIRSTRATE 84WG	0.016	LAA	9						
C	GLYPHOMAX XRT	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
6A	CANOPY 75WG	0.16	LAA	9	97	0	99	97	98	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	VALOR 51WG	0.063	LAA	9	96	0	99	98	99	98
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 85WG	0.15	LAA	9	96	0	99	98	99	98
B	VALOR 51WG	0.047	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
9A	WEATHERMAX 4.5	0.75	LAA	12	0	0	99	99	99	95
B	LIQUID AMS	2.50	PMV	12						
10A	SPARTAN 4F	0.167	LAA	9	96	0	99	98	99	99
B	SENCOR 75WG	0.098	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
11A	CLASSIC 25WG	0.015	LAA	9	94	0	99	97	98	98
B	HARMONY GT 50W	0.005	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
12A	CLASSIC 25WG	0.015	LAA	9	87	0	99	97	99	99
B	LINEX 4L	0.28	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	PURSUIT +	0.91	LAA	9	89	0	99	98	99	96
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
15A	KIH-485 85WG	0.15	LAA	12	0	0	99	99	99	96
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
16A	ET-751 0.21L	0.0008	LAA	12	0	0	99	99	95	96
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					14.26	0.00	0.241	2.42	1.43	4.78
STANDARD DEVIATION					7.00	0.00	0.118	1.19	0.70	2.34

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PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	PHBPU	GLXMA	SORVU	SETFA	AMATA
		RATE	UNIT		CON % 07/10/06	CON % 07/10/06	CON % 07/27/06	CON % 07/27/06	CON % 07/27/06	CON % 07/27/06
1A	PREFIX 5.32SL	1.00	LAA	9	96	95	0	97	92	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
2A	PREFIX 5.32SL	1.34	LAA	9	93	96	0	99	94	98
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
3A	PREFIX 5.32SL	1.58	LAA	9	94	96	0	96	95	99
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	BOUNDARY 6.5EC	1.22	LAA	9	92	93	0	99	95	97
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	VALOR 51WG	0.047	LAA	9	99	96	0	99	95	98
B	FIRSTRATE 84WG	0.016	LAA	9						
C	GLYPHOMAX XRT	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
6A	CANOPY 75WG	0.16	LAA	9	99	97	0	99	93	93
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	VALOR 51WG	0.063	LAA	9	99	97	0	99	94	96
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 85WG	0.15	LAA	9	99	95	0	99	98	99
B	VALOR 51WG	0.047	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
9A	WEATHERMAX 4.5	0.75	LAA	12	94	94	0	98	95	88
B	LIQUID AMS	2.50	PMV	12						
10A	SPARTAN 4F	0.167	LAA	9	90	98	0	99	94	99
B	SENCOR 75WG	0.098	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
11A	CLASSIC 25WG	0.015	LAA	9	99	95	0	98	95	94
B	HARMONY GT 50W	0.005	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
12A	CLASSIC 25WG	0.015	LAA	9	99	96	0	99	94	99
B	LINEX 4L	0.28	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	PURSUIT +	0.91	LAA	9	97	93	0	99	94	98
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
15A	KIH-485 85WG	0.15	LAA	12	93	95	0	99	99	95
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
16A	ET-751 0.21L	0.0008	LAA	12	94	98	0	99	92	78
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					5.75	4.90	0.00	1.76	3.43	7.00
STANDARD DEVIATION					2.82	2.40	0.00	0.861	1.68	3.43

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean. 800
CREATED: 05/04/2006 **REVISED:** 11/03/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBEL	PHBPU	YIELD
		RATE	UNIT		CON % 07/27/06	CON % 07/27/06	CON % 07/27/06	BU/A 10/10/06
1A	»PREFIX 5.32SL	1.00	LAA	9	85	97	94	49.8
B	»TOUCHDN TOTAL	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
2A	»PREFIX 5.32SL	1.34	LAA	9	83	96	96	46.5
B	»TOUCHDN TOTAL	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
3A	»PREFIX 5.32SL	1.58	LAA	9	82	97	93	45.9
B	»TOUCHDN TOTAL	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
4A	BOUNDARY 6.5EC	1.22	LAA	9	84	97	91	54.0
B	»TOUCHDN TOTAL	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
5A	VALOR 51WG	0.047	LAA	9	93	99	96	53.3
B	FIRSTRATE 84WG	0.016	LAA	9				
C	»GLYPHOMAX XRT	0.75	LAA	12				
D	»LIQUID AMS	2.50	PMV	12				
6A	CANOPY 75WG	0.16	LAA	9	98	99	96	56.3
B	»WEATHERMAX 4.5	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
7A	VALOR 51WG	0.063	LAA	9	95	99	97	55.7
B	»GLYPHOMAX XRT	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
8A	»KIH-485 85WG	0.15	LAA	9	95	98	95	51.0
B	VALOR 51WG	0.047	LAA	9				
C	»WEATHERMAX 4.5	0.75	LAA	12				
D	»LIQUID AMS	2.50	PMV	12				
9A	»WEATHERMAX 4.5	0.75	LAA	12	81	98	92	51.6
B	»LIQUID AMS	2.50	PMV	12				
10A	SPARTAN 4F	0.167	LAA	9	99	95	96	48.3
B	SENCOR 75WG	0.098	LAA	9				
C	»WEATHERMAX 4.5	0.75	LAA	12				
D	»LIQUID AMS	2.50	PMV	12				
11A	CLASSIC 25WG	0.015	LAA	9	91	99	92	53.9
B	»HARMONY GT 50W	0.005	LAA	9				
C	»WEATHERMAX 4.5	0.75	LAA	12				
D	»LIQUID AMS	2.50	PMV	12				
12A	CLASSIC 25WG	0.015	LAA	9	96	99	92	51.3
B	»LINEX 4L	0.28	LAA	9				
C	»WEATHERMAX 4.5	0.75	LAA	12				
D	»LIQUID AMS	2.50	PMV	12				
13A	CHECK	0.00	NA	0	0	0	0	6.7
14A	PURSUIT +	0.91	LAA	9	99	95	94	50.3
B	»WEATHERMAX 4.5	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
15A	»KIH-485 85WG	0.15	LAA	12	92	93	92	48.1
B	»WEATHERMAX 4.5	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
16A	»ET-751 0.21L	0.0008	LAA	12	75	85	95	46.0
B	»WEATHERMAX 4.5	0.75	LAA	12				
C	»LIQUID AMS	2.50	PMV	12				
		LSLSD (0.05)			8.49	4.67	5.80	7.89
		STANDARD DEVIATION			4.16	2.29	2.84	3.87

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/22/2006(1)
 12 = ----- / POST 06/27/2006(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/27/2006	01	P	GLXMA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SORVU	CON %	06/27/2006	02	P	SORVU	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/27/2006	03	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/27/2006	04	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/27/2006	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	06/27/2006	06	P	AMBEL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/27/2006	07	P	PHBPU	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	07/10/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SORVU	CON %	07/10/2006	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/10/2006	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/10/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	07/10/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	CON %	07/10/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/10/2006	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/27/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SORVU	CON %	07/27/2006	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/27/2006	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/27/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	07/27/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMBEL	CON %	07/27/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/27/2006	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/10/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = A 4502

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED