

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
PH: 6.1
%OM: 1.5
PREV. CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/05/06	06/12/06	06/16/06	AME
AIR TEMPERATURE	60	72	89	F
% REL. HUMIDITY	55	42	46	
WIND DIRECTION	NORTHWEST	NORTHWEST	SOUTH	
WIND SPEED	7.0	8.0	6.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN		---/13	---/14	
ASGROW 3802		4.00/5.00	5.00/6.00	IN
05/22/2006				
*** PEST ***				
LAMBSQUARTERS, C		---/19	---/19	
		4.00/6.00	6.00/12.0	IN
MORNINGGLORY, IV		---/16	---/18	
		2.00/3.00	2.00/4.00	IN
FOXTAIL, GIANT		---/17	---/18	
		8.00/12.0	10.0/15.0	IN

* TIMING CODES

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

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
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 Soybean. 2404
CREATED: 04/29/2006 **REVISED:** 11/03/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	IPOHE	CHEAL	GLXMA	SETFA
		RATE	UNIT		CON % 06/12/06	CON % 06/12/06	CON % 06/12/06	CON % 06/12/06	10 DAT 06/23/06	10 DAT 06/23/06
1A	PREFIX 5.32SL	1.34	LAA	9	0	76	67	72	0	94
	B>TOUCHDN TOTAL	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
2A	BOUNDARY 6.5EC	1.22	LAA	9	0	71	47	93	0	95
	B>TOUCHDN TOTAL	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
3A	PYTHON WDG	0.025	LAA	9	0	28	57	95	0	96
	B>GLYPHOMAX XRT	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
4A	PYTHON WDG	0.04	LAA	9	0	23	72	99	0	95
	B>GLYPHOMAX XRT	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
5A	VALOR 51WG	0.047	LAA	9	0	58	79	93	0	92
	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	52	65	99	0	92
	B>WEATHERMAX 4.5	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
7A	VALOR 51WG	0.063	LAA	9	0	53	70	94	0	95
	B>GLYPHOMAX XRT	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
8A	KIH-485 85WG	0.15	LAA	9	0	79	78	94	0	94
	B VALOR 51WG	0.047	LAA	9						
	C>WEATHERMAX 4.5	0.75	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
9A	KIH-485 85WG	0.15	LAA	9	0	67	72	72	0	95
	B>WEATHERMAX 4.5	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
10A	SPARTAN 4F	0.167	LAA	9	0	40	82	99	0	95
	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	27	82	92	0	96
	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	32	70	91		
	B>LINEX 4L	0.28	LAA	9						
	C>WEATHERMAX 4.5	0.75	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
13A	PROWL H2O 3.8	1.19	LAA	9	0	79	70	98	8	97
	B EXTREME 2.17SL	0.81	LAA	13						
	C>ACTIVATOR 90	0.125	PMV	13						
	D>LIQUID AMS	2.50	PMV	13						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	PURSUIT +	0.91	LAA	9	0	86	75	95	0	98
	B>WEATHERMAX 4.5	0.75	LAA	13						
	C>LIQUID AMS	2.50	PMV	13						
16A	GF-1280 4AE	0.75	LAA	12					0	99
	B>LIQUID AMS	2.50	PMV	12						
	C>GF-1280 4AE	0.75	LAA	13						
	D>LIQUID AMS	2.50	PMV	13						

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean. 2404

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	SETFA	IPOHE	CHEAL	GLXMA	SETFA
		RATE	UNIT TM	CON % 06/12/06	CON % 06/12/06	CON % 06/12/06	CON % 06/12/06	10 DAT 06/23/06	10 DAT 06/23/06
17A»	KIH-485 85WG	0.15	LAA 12					10	95
	B»WEATHERMAX 4.5	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
18A»	ET-751 0.21L	0.0008	LAA 13					13	97
	B»WEATHERMAX 4.5	0.75	LAA 13						
	C»LIQUID AMS	0.31	PMV 13						
		LSD (0.05)		0.00	11.31	11.81	7.06	1.33	1.46
		STANDARD DEVIATION		0.00	5.52	5.77	3.45	0.657	0.724

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CREATED: 04/29/2006 **REVISED:** 11/03/2006 **COMPLETED:** N
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LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	IPOHE	CHEAL	GLXMA	SETFA	IPOHE	CHEAL
		RATE	UNIT		10 DAT 06/23/06	10 DAT 06/23/06	30 DAT 07/13/06	30 DAT 07/13/06	30 DAT 07/13/06	30 DAT 07/13/06
1A	PREFIX 5.32SL	1.34	LAA	9	73	99	0	93	65	97
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
2A	BOUNDARY 6.5EC	1.22	LAA	9	67	98	0	93	55	98
B	TOUCHDN TOTAL	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
3A	PYTHON WDG	0.025	LAA	9	73	99	0	91	68	98
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	PYTHON WDG	0.04	LAA	9	81	99	0	88	75	99
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	VALOR 51WG	0.047	LAA	9	81	99	0	79	70	99
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	77	99	0	82	67	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	VALOR 51WG	0.063	LAA	9	86	98	0	86	87	98
B	GLYPHOMAX XRT	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	KIH-485 85WG	0.15	LAA	9	83	99	0	94	81	98
B	VALOR 51WG	0.047	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
9A	KIH-485 85WG	0.15	LAA	9	81	99	0	95	80	98
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	SPARTAN 4F	0.167	LAA	9	87	99	0	86	87	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	84	99	0	87	80	99
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			
B	LINEX 4L	0.28	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
13A	PROWL H2O 3.8	1.19	LAA	9	81	98	0	96	68	98
B	EXTREME 2.17SL	0.81	LAA	13						
C	ACTIVATOR 90	0.125	PMV	13						
D	LIQUID AMS	2.50	PMV	13						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	PURSUIT +	0.91	LAA	9	82	99	0	96	65	99
B	WEATHERMAX 4.5	0.75	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
16A	GF-1280 4AE	0.75	LAA	12	89	99	0	96	75	92
B	LIQUID AMS	2.50	PMV	12						
C	GF-1280 4AE	0.75	LAA	13						
D	LIQUID AMS	2.50	PMV	13						

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean. 2404

TRT NUM	TREATMENT COMPONENT	DOSAGE		IPOHE	CHEAL	GLXMA	SETFA	IPOHE	CHEAL
		RATE	UNIT TM	10 DAT 06/23/06	10 DAT 06/23/06	30 DAT 07/13/06	30 DAT 07/13/06	30 DAT 07/13/06	30 DAT 07/13/06
17A	KIH-485 85WG	0.15	LAA 12	77	99	0	93	70	96
	B>WEATHERMAX 4.5	0.75	LAA 12						
	C>LIQUID AMS	2.50	PMV 12						
18A	ET-751 0.21L	0.0008	LAA 13	86	98	0	88	57	88
	B>WEATHERMAX 4.5	0.75	LAA 13						
	C>LIQUID AMS	0.31	PMV 13						
		LSD (0.05)		7.87	0.946	0.00	3.58	13.91	5.24
		STANDARD DEVIATION		3.89	0.468	0.00	1.77	6.88	2.59

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CREATED: 04/29/2006 **REVISED:** 11/03/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/04/06
		RATE	UNIT	
1A	PREFIX 5.32SL	1.34	LAA 9	46.5
B	TOUCHDN TOTAL	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
2A	BOUNDARY 6.5EC	1.22	LAA 9	44.4
B	TOUCHDN TOTAL	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
3A	PYTHON WDG	0.025	LAA 9	44.5
B	GLYPHOMAX XRT	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
4A	PYTHON WDG	0.04	LAA 9	43.6
B	GLYPHOMAX XRT	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
5A	VALOR 51WG	0.047	LAA 9	45.0
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	43.2
B	WEATHERMAX 4.5	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
7A	VALOR 51WG	0.063	LAA 9	45.6
B	GLYPHOMAX XRT	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
8A	KIH-485 85WG	0.15	LAA 9	48.9
B	VALOR 51WG	0.047	LAA 9	
C	WEATHERMAX 4.5	0.75	LAA 12	
D	LIQUID AMS	2.50	PMV 12	
9A	KIH-485 85WG	0.15	LAA 9	48.8
B	WEATHERMAX 4.5	0.75	LAA 12	
C	LIQUID AMS	2.50	PMV 12	
10A	SPARTAN 4F	0.167	LAA 9	45.3
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	46.7
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	34.1
B	LINEX 4L	0.28	LAA 9	
C	WEATHERMAX 4.5	0.75	LAA 12	
D	LIQUID AMS	2.50	PMV 12	
13A	PROWL H2O 3.8	1.19	LAA 9	50.2
B	EXTREME 2.17SL	0.81	LAA 13	
C	ACTIVATOR 90	0.125	PMV 13	
D	LIQUID AMS	2.50	PMV 13	
14A	CHECK	0.00	NA 0	4.6
15A	PURSUIT +	0.91	LAA 9	50.9
B	WEATHERMAX 4.5	0.75	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
16A	GF-1280 4AE	0.75	LAA 12	47.5
B	LIQUID AMS	2.50	PMV 12	
C	GF-1280 4AE	0.75	LAA 13	
D	LIQUID AMS	2.50	PMV 13	

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean. 2404

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD	
		RATE	UNIT	TM	BU/A 10/04/06
17A»	KIH-485 85WG	0.15	LAA	12	44.6
	B»WEATHERMAX 4.5	0.75	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
18A»	ET-751 0.21L	0.0008	LAA	13	35.0
	B»WEATHERMAX 4.5	0.75	LAA	13	
	C»LIQUID AMS	0.31	PMV	13	
				LSD (0.05)	7.00
				STANDARD DEVIATION	3.45

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/05/2006(1)
 12 = ----- / POST 06/12/2006(2)
 13 = ----- / LPOST 06/16/2006(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/12/2006	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2006	02	P	SETFA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	IPOHE	CON %	06/12/2006	03	P	IPOHE	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/12/2006	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	10 DAT	06/23/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	10 DAT	06/23/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	IPOHE	10 DAT	06/23/2006	03	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	10 DAT	06/23/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	30 DAT	07/13/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	30 DAT	07/13/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	IPOHE	30 DAT	07/13/2006	03	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	30 DAT	07/13/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	YIELD	BU/A	10/04/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3802

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED