

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	3.0	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		---/14	
A 4502		11.0/11.0	IN
05/22/2006			
*** PEST ***			
WATERHEMP, COMMO		---/19	
		8.00/8.00	IN
RAGWEED, COMMON		---/16	
		10.0/10.0	IN
LAMBSQUARTERS, C		---/19	
		8.00/8.00	IN
FOXTAIL, GIANT		---/13	
		9.00/9.00	IN
SHATTERCANE, SOR		---/15	
		17.0/17.0	IN

* TIMING CODES

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

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: KIH-485 for Weed Control in Roundup Ready Soybean. 800
CREATED: 05/04/2006 **REVISED:** 08/21/2006 **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	KIH-485 85WG	0.11	LAA 9	0	79	83	99	57	60
2A	KIH-485 85WG	0.15	LAA 9	0	89	94	99	85	91
3A	KIH-485 85WG	0.22	LAA 9	0	87	97	99	85	81
4A	DUAL II MAGNUM	1.27	LAA 9	0	38	96	99	30	28
5A	OUTLOOK 6EC	0.77	LAA 9	0	22	98	99	15	19
6A	KIH-485 85WG	0.11	LAA 9	0	53	84	99	70	53
	B>WEATHERMAX 4.5	0.75	LAA 12						
	C>LIQUID AMS	2.50	PMV 12						
7A	KIH-485 85WG	0.09	LAA 12	0					
	B>WEATHERMAX 4.5	0.75	LAA 12						
	C>LIQUID AMS	2.50	PMV 12						
8A	KIH-485 85WG	0.18	LAA 12	0					
	B>WEATHERMAX 4.5	0.75	LAA 12						
	C>LIQUID AMS	2.50	PMV 12						
9A	CHECK	0.00	NA 0	0					
10A	WEATHERMAX 4.5	0.75	LAA 12	0					
	B>LIQUID AMS	2.50	PMV 12						
11A	CANOPY 75WG	0.14	LAA 9	0	62	40	79	99	92
	B>WEATHERMAX 4.5	0.75	LAA 12						
	C>LIQUID AMS	2.50	PMV 12						
12A	PURSUIT +	0.91	LAA 9	0	50	80	75	99	79
	B>WEATHERMAX 4.5	0.75	LAA 12						
	C>LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		0.00	24.68	10.84	18.38	21.75	17.20
		STANDARD DEVIATION		0.00	11.51	5.05	8.57	10.14	8.00

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PLOT SIZE: 7.50 FT **WIDE X** 32.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SORVU	SETFA	AMATA	CHEAL	AMBEL
		RATE	UNIT		CON % 07/10/06	CON % 07/10/06	CON % 07/10/06	CON % 07/10/06	CON % 07/10/06	CON % 07/10/06
1A»	KIH-485 85WG	0.11	LAA	9	C					
2A»	KIH-485 85WG	0.15	LAA	9	C					
3A»	KIH-485 85WG	0.22	LAA	9	C					
4A»	DUAL II MAGNUM	1.27	LAA	9	C					
5A	OUTLOOK 6EC	0.77	LAA	9	C					
6A»	KIH-485 85WG	0.11	LAA	9	0	99	95	99	95	77
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»	KIH-485 85WG	0.09	LAA	12	0	99	98	98	99	72
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»	KIH-485 85WG	0.18	LAA	12	0	99	96	98	97	82
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	WEATHERMAX 4.5	0.75	LAA	12	0	99	97	98	96	85
	B»LIQUID AMS	2.50	PMV	12						
11A	CANOPY 75WG	0.14	LAA	9	0	99	97	99	99	93
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	PURSUIT +	0.91	LAA	9	0	95	86	99	99	86
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	4.27	12.45	1.58	3.61	15.66
		STANDARD DEVIATION			0.00	2.00	5.72	0.724	1.66	7.19

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 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 TM	CON % 07/27/06	CON % 07/27/06	CON % 07/27/06	CON % 07/27/06	CON % 07/27/06	CON % 07/27/06
1A»KIH-485 85WG	0.11 LAA 9	0	18	12	98	12	13
2A»KIH-485 85WG	0.15 LAA 9	0	33	55	99	25	32
3A»KIH-485 85WG	0.22 LAA 9	0	27	58	99	44	44
4A»DUAL II MAGNUM	1.27 LAA 9	0	13	46	99	7	7
5A OUTLOOK 6EC	0.77 LAA 9	0	12	58	99	8	7
6A»KIH-485 85WG	0.11 LAA 9	0	95	97	99	95	94
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
7A»KIH-485 85WG	0.09 LAA 12	0	99	97	99	92	86
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
8A»KIH-485 85WG	0.18 LAA 12	0	98	98	98	95	89
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
9A CHECK	0.00 NA 0	0	0	0	0	0	0
10A»WEATHERMAX 4.5	0.75 LAA 12	0	93	94	93	92	90
B»LIQUID AMS	2.50 PMV 12						
11A CANOPY 75WG	0.14 LAA 9	0	94	92	97	97	98
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
12A PURSUIT +	0.91 LAA 9	0	91	95	98	99	95
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
LSD (0.05)		0.00	9.66	18.71	3.44	13.13	15.44
STANDARD DEVIATION		0.00	4.66	9.00	1.66	6.33	7.44

» = SUPPLEMENTAL CHEMICAL ---,M,C,D = MISSING DATA

* 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	CTR	SS	NOTE
001	GLXMA	CON %	06/27/2006	01	P	GLXMA	14	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	GLXMA	CON %	07/10/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SORVU	CON %	07/10/2006	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/10/2006	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/10/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	07/10/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	07/10/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/27/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SORVU	CON %	07/27/2006	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	07/27/2006	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/27/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/27/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBEL	CON %	07/27/2006	06	P	AMBEL		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
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