

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/22/06	06/19/06	AME
AIR TEMPERATURE	71	80	F
% REL.HUMIDITY	30	45	
WIND DIRECTION	NORTHWEST	NORTHWEST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
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	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/15	
ASGROW 3203		6.00/6.00	IN
05/22/2006			
*** PEST ***			
VELVETLEAF		---/14	
		3.00/5.00	IN
WATERHEMP, COMMO		---/19	
		3.00/6.00	IN
LAMBSQUARTERS, C		---/19	
		2.00/4.00	IN
MORNINGGLORY, TA		---/19	
		2.00/4.00	IN
FOXTAIL, GIANT		---/15	
		3.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: KIH-485 for Weed Control in Roundup Ready Soybean. AS-200
CREATED: 05/03/2006 **REVISED:** 08/29/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**

REPS: 03

TRT	TREATMENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT		CON %	CON %	CON %	CON %	CON %	CON %
					06/19/06	06/19/06	06/19/06	06/19/06	06/19/06	06/19/06
1A»	KIH-485 85WG	0.15	LAA	9	0	81	55	55	0	0
2A»	KIH-485 85WG	0.19	LAA	9	0	87	73	78	37	32
3A»	KIH-485 85WG	0.28	LAA	9	0	92	89	94	52	48
4A»	DUAL II MAGNUM	1.59	LAA	9	0	86	62	70	0	0
5A	OUTLOOK 6EC	0.85	LAA	9	0	87	89	88	23	27
6A»	KIH-485 85WG	0.15	LAA	9	0	86	78	81	33	43
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»	KIH-485 85WG	0.11	LAA	12	0					
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»	KIH-485 85WG	0.22	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	23	98	78	72	53
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	PURSUIT +	0.91	LAA	9	0	76	99	77	94	75
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	6.42	8.00	10.79	13.79	14.85
STANDARD DEVIATION					0.00	3.00	3.74	5.00	6.43	6.92

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PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**

REPS: 03

TRT TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM COMPONENT	RATE UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
		06/28/06	06/28/05	06/28/06	06/28/06	06/28/06	06/28/06
1A»KIH-485 85WG	0.15 LAA 9	0	68	47	50	0	0
2A»KIH-485 85WG	0.19 LAA 9	0	81	73	75	30	23
3A»KIH-485 85WG	0.28 LAA 9	0	88	88	93	53	37
4A»DUAL II MAGNUM	1.59 LAA 9	0	73	63	62	0	0
5A OUTLOOK 6EC	0.85 LAA 9	0	82	83	84	33	22
6A»KIH-485 85WG	0.15 LAA 9	0	99	99	99	99	88
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
7A»KIH-485 85WG	0.11 LAA 12	28	99	99	99	99	94
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
8A»KIH-485 85WG	0.22 LAA 12	7	99	99	99	99	94
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	98	99	99	87
B»LIQUID AMS	2.50 PMV 12						
11A CANOPY 75WG	0.14 LAA 9	0	99	99	99	99	90
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
12A PURSUIT +	0.91 LAA 9	0	99	99	99	99	86
B»WEATHERMAX 4.5	0.75 LAA 12						
C»LIQUID AMS	2.50 PMV 12						
	LSD (0.05)	19.45	5.86	5.37	7.21	8.00	5.12
	STANDARD DEVIATION	9.38	2.82	2.59	3.47	3.87	2.47

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	GLXMA CON % 07/14/06	SETFA CON % 07/14/06	CHEAL CON % 07/14/06	AMATA CON % 07/14/06	ABUTH CON % 07/14/06	PHBPU CON % 07/14/06
1A»KIH-485 85WG	0.15 LAA	9	0	57	53	50	0	0
2A»KIH-485 85WG	0.19 LAA	9	0	83	73	73	27	0
3A»KIH-485 85WG	0.28 LAA	9	0	89	87	85	37	13
4A»DUAL II MAGNUM	1.59 LAA	9	0	68	57	57	0	0
5A OUTLOOK 6EC	0.85 LAA	9	0	68	60	63	0	0
6A»KIH-485 85WG	0.15 LAA	9	0	98	99	99	99	84
B»WEATHERMAX 4.5	0.75 LAA	12						
C»LIQUID AMS	2.50 PMV	12						
7A»KIH-485 85WG	0.11 LAA	12	3	98	99	99	99	85
B»WEATHERMAX 4.5	0.75 LAA	12						
C»LIQUID AMS	2.50 PMV	12						
8A»KIH-485 85WG	0.22 LAA	12	4	99	99	99	99	86
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	1	94	98	98	97	81
B»LIQUID AMS	2.50 PMV	12						
11A CANOPY 75WG	0.14 LAA	9	0	96	98	99	99	88
B»WEATHERMAX 4.5	0.75 LAA	12						
C»LIQUID AMS	2.50 PMV	12						
12A PURSUIT +	0.91 LAA	9	0	98	99	99	99	89
B»WEATHERMAX 4.5	0.75 LAA	12						
C»LIQUID AMS	2.50 PMV	12						
LSD (0.05)			1.00	6.13	6.26	10.52	6.31	8.92
STANDARD DEVIATION			0.501	3.00	3.00	5.07	3.00	4.30

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/22/2006(1)
12 = ----- / POST 06/19/2006(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 %	06/19/2006	01	P	GLXMA	15	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/19/2006	02	P	SETFA	15	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/19/2006	03	P	CHEAL	19	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/19/2006	04	P	AMATA	19	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/19/2006	05	P	ABUTH	14	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/19/2006	06	P	PHBPU	19	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/28/2006	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/28/2005	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/28/2006	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/28/2006	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/28/2006	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/28/2006	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/14/2006	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/14/2006	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/14/2006	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/14/2006	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/14/2006	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/14/2006	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3203

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED