

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	06/05/03	AME
AIR TEMPERATURE	65	F
% REL.HUMIDITY	55	
WIND DIRECTION	NORTH	
WIND SPEED	6.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	IN
NK 32K61	/	
06/05/2003		
*** PEST ***		
WATERHEMP, COMMO	---/---	IN
	/	
RAGWEED, COMMON	---/---	IN
	/	
LAMBSQUARTERS, C	---/---	IN
	/	
PANICUM, FALL	---/---	IN
	/	
MORNINGGLORY, TA	---/---	IN
	/	
SMARTWEED, PENNS	---/---	IN
	/	
FOXTAIL, GIANT	---/---	IN
	/	

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

--- = TO BE SELECTED

01 = BEGINNING OF IMBIBITION

TITLE: Preemergence grass control in corn with KIH-485
 CREATED: 05/22/2003 REVISED: 12/08/2003 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: BTOWN C4S RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PANDI	POLPY	AMBEL	CHEAL	
		RATE	UNIT		CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	
1A»	KIH-485 3.57L	0.11	LAA	9	0	96	96	93	88	92	
2A»	DUAL II MAGNUM	0.96	LAA	9	0	87	92	88	73	78	
3A	CHECK	0.00	NA	0	0	0	0	0	0	0	
4A»	KIH-485 3.57L	0.19	LAA	9	13	99	98	96	97	96	
5A»	DUAL II MAGNUM	1.59	LAA	9	0	98	99	92	80	87	
6A»	KIH-485 3.57L	0.22	LAA	9	2	99	99	98	96	98	
7A»	DUAL II MAGNUM	1.91	LAA	9	0	98	99	93	77	87	
8A»	KIH-485 3.57L	0.45	LAA	9	3	98	99	99	96	96	
9A»	DUAL II MAGNUM	3.82	LAA	9	0	98	99	93	85	88	
10A»	KIH-485 3.57L	0.15	LAA	9	0	99	99	94	99	99	
	B ATRAZINE DF	1.62	LAA	9							
11A»	BICEP II MAGNU	2.88	LAA	9	0	95	95	92	97	98	
12A	ATRAZINE DF	1.62	LAA	9	0	80	77	50	98	99	
					LSD (0.05)	4.28	5.00	3.71	10.08	5.38	7.00
					STANDARD DEVIATION	2.06	2.43	1.79	4.86	2.59	3.38

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	PHBPU	ZEAMD	SETFA	PANDI	POLPY	
		RATE	UNIT		CON % 07/03/03	CON % 07/03/03	CON % 07/29/03	CON % 07/29/03	CON % 07/29/03	CON % 07/29/03	
1A»	KIH-485 3.57L	0.11	LAA	9	99	78	0	93	90	85	
2A»	DUAL II MAGNUM	0.96	LAA	9	88	77	0	85	83	80	
3A	CHECK	0.00	NA	0	0	0	0	0	0	0	
4A»	KIH-485 3.57L	0.19	LAA	9	98	96	8	98	95	88	
5A»	DUAL II MAGNUM	1.59	LAA	9	93	80	0	95	90	85	
6A»	KIH-485 3.57L	0.22	LAA	9	98	97	2	95	90	90	
7A»	DUAL II MAGNUM	1.91	LAA	9	97	90	0	96	90	88	
8A»	KIH-485 3.57L	0.45	LAA	9	99	95	8	90	99	94	
9A»	DUAL II MAGNUM	3.82	LAA	9	96	88	0	93	95	82	
10A»	KIH-485 3.57L	0.15	LAA	9	99	96	2	99	95	88	
	B ATRAZINE DF	1.62	LAA	9							
11A»	BICEP II MAGNU	2.88	LAA	9	99	94	0	90	90	83	
12A	ATRAZINE DF	1.62	LAA	9	99	94	0	70	43	20	
					LSD (0.05)	2.63	9.29	3.38	3.29	3.10	12.84
					STANDARD DEVIATION	1.27	4.48	1.63	1.59	1.49	6.19

TITLE: Preemergence grass control in corn with KIH-485
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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	AMBEL	CHEAL	AMATA	PHBPU	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	
		UNIT	07/29/03	07/29/03	07/29/03	07/29/03	
1A	KIH-485 3.57L	0.11	LAA 9	80	90	93	80
2A	DUAL II MAGNUM	0.96	LAA 9	65	77	88	63
3A	CHECK	0.00	NA 0	0	0	0	0
4A	KIH-485 3.57L	0.19	LAA 9	94	98	90	88
5A	DUAL II MAGNUM	1.59	LAA 9	72	82	88	63
6A	KIH-485 3.57L	0.22	LAA 9	90	91	95	92
7A	DUAL II MAGNUM	1.91	LAA 9	68	87	99	80
8A	KIH-485 3.57L	0.45	LAA 9	99	93	97	88
9A	DUAL II MAGNUM	3.82	LAA 9	83	87	95	78
10A	KIH-485 3.57L	0.15	LAA 9	99	93	97	95
	B ATRAZINE DF	1.62	LAA 9				
11A	BICEP II MAGNU	2.88	LAA 9	96	98	95	95
12A	ATRAZINE DF	1.62	LAA 9	96	95	93	88
	STANDARD DEVIATION	LSD (0.05)		7.22	11.48	2.72	11.76
				3.48	5.54	1.31	5.67

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/05/2003(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	07/03/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/03/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PANDI	CON %	07/03/2003	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	07/03/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	07/03/2003	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	07/03/2003	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	07/03/2003	07	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	07/03/2003	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	07/29/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/29/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PANDI	CON %	07/29/2003	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	CON %	07/29/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	CON %	07/29/2003	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	07/29/2003	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/29/2003	07	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	07/29/2003	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = NK 32K61