

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %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	05/15/03	AME
AIR TEMPERATURE	68	F
% REL.HUMIDITY	45	
WIND DIRECTION	NORTHWEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
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	
*** PEST ***		
CORN, DENT	---/01	
DEKALB 6410 RR	/	IN
05/13/2003		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

TITLE: Preemergence weed control in corn with KIH-485 - 2405
CREATED: 04/27/2003 **REVISED:** 11/21/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
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	CHEAL	AMARE	ZEAMD	SETFA	
		RATE	UNIT		CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 07/13/03	CON % 07/13/03	
1A	»KIH-485 3.57L	0.11	LAA	9	0	68	52	88	0	67	
2A	»DUAL II MAGNUM	0.96	LAA	9	0	74	72	93	0	63	
3A	CHECK	0.00	NA	0	0	0	0	0	0	0	
4A	»KIH-485 3.57L	0.19	LAA	9	0	76	95	99	0	73	
5A	»DUAL II MAGNUM	1.59	LAA	9	0	84	83	99	0	72	
6A	»KIH-485 3.57L	0.22	LAA	9	0	77	89	99	0	77	
7A	»DUAL II MAGNUM	1.91	LAA	9	0	86	85	99	0	77	
8A	»KIH-485 3.57L	0.45	LAA	9	0	87	95	99	0	90	
9A	»DUAL II MAGNUM	3.82	LAA	9	0	95	90	99	0	93	
10A	»KIH-485 3.57L	0.15	LAA	9	0	83	99	99	0	73	
	B ATRAZINE DF	1.62	LAA	9							
11A	»BICEP II MAGNU	2.88	LAA	9	0	88	99	99	0	77	
					LSD (0.05)	0.00	7.64	12.71	7.00	0.00	5.34
					STANDARD DEVIATION	0.00	3.66	6.09	3.35	0.00	2.56

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TRT	TREATMENT	DOSAGE	CHEAL	AMARE	YIELD	
NUM	COMPONENT	RATE	CON %	CON %	BU/A	
		UNIT	07/13/03	07/13/03	10/17/03	
1A»	KIH-485 3.57L	0.11	LAA 9	70	99	197.2
2A»	DUAL II MAGNUM	0.96	LAA 9	68	99	199.1
3A	CHECK	0.00	NA 0	0	0	121.3
4A»	KIH-485 3.57L	0.19	LAA 9	77	99	210.3
5A»	DUAL II MAGNUM	1.59	LAA 9	70	99	198.6
6A»	KIH-485 3.57L	0.22	LAA 9	83	99	208.3
7A»	DUAL II MAGNUM	1.91	LAA 9	69	99	200.7
8A»	KIH-485 3.57L	0.45	LAA 9	85	99	201.4
9A»	DUAL II MAGNUM	3.82	LAA 9	80	99	215.1
10A»	KIH-485 3.57L	0.15	LAA 9	99	99	209.6
	B ATRAZINE DF	1.62	LAA 9			
11A»	BICEP II MAGNU	2.88	LAA 9	99	99	217.8
		LSD (0.05)		10.54	0.00	22.12
		STANDARD DEVIATION		5.05	0.00	10.60

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/15/2003(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 %	06/12/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMARE	CON %	06/12/2003	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/13/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/13/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	07/13/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMARE	CON %	07/13/2003	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/17/2003	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 6410 RR