

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	04/29/03	AME
AIR TEMPERATURE	72	F
% REL.HUMIDITY	46	
WIND DIRECTION	WEST	
WIND SPEED		M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/DRY	
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	NA/01	
PIONEER 33G29 LL	/	IN
04/28/2003		

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

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

TITLE: Preemergence weed control in corn with KIH-485 SW-1500
CREATED: 04/17/2003 **REVISED:** 11/06/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ZEAMD	SETFA	ABUTH	CHEAL	POLPY
		RATE	UNIT		CON % 05/20/03	CON % 05/28/03	CON % 05/28/03	CON % 05/28/03	CON % 05/28/03	CON % 05/28/03
1A»	KIH-485 3.57L	0.11	LAA	9	0	0	99	45	63	58
2A»	DUAL II MAGNUM	0.96	LAA	9	0	0	99	32	63	58
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	KIH-485 3.57L	0.19	LAA	9	0	0	98	72	99	98
5A»	DUAL II MAGNUM	1.59	LAA	9	0	0	99	57	99	91
6A»	KIH-485 3.57L	0.22	LAA	9	0	0	96	68	99	91
7A»	DUAL II MAGNUM	1.91	LAA	9	0	0	99	53	99	99
8A»	KIH-485 3.57L	0.27	LAA	9	0	0	98	77	99	96
9A»	DUAL II MAGNUM	2.16	LAA	9	0	0	99	68	99	96
10A»	KIH-485 3.57L	0.45	LAA	9	0	0	99	85	99	99
11A»	DUAL II MAGNUM	3.82	LAA	9	0	0	99	72	99	99
12A»	KIH-485 3.57L	0.19	LAA	9	0	0	99	82	99	96
	B ATRAZINE DF	2.00	LAA	9						
13A»	BICEP II MAGNU	3.56	LAA	9	0	0	99	73	99	99
	LSD (0.05)				0.00	0.00	2.68	8.67	8.88	14.43
	STANDARD DEVIATION				0.00	0.00	1.30	4.20	4.30	7.00

TITLE: Preemergence weed control in corn with KIH-485 SW-1500
 CREATED: 04/17/2003 REVISED: 11/06/2003 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	ZEAMD CON % 06/27/03	SETFA CON % 06/27/03	ABUTH CON % 06/27/03	CHEAL CON % 06/27/03	POLPY CON % 06/27/03	YIELD BU/A 11/01/03
1A»KIH-485 3.57L	0.11 LAA	9	0	77	0	76	0	155.4
2A»DUAL II MAGNUM	0.96 LAA	9	0	70	0	65	0	127.6
3A CHECK	0.00 NA	0	0	0	0	0	0	58.3
4A»KIH-485 3.57L	0.19 LAA	9	0	87	0	93	0	134.6
5A»DUAL II MAGNUM	1.59 LAA	9	0	80	0	77	0	138.4
6A»KIH-485 3.57L	0.22 LAA	9	0	70	0	77	75	138.9
7A»DUAL II MAGNUM	1.91 LAA	9	0	72	0	75	77	149.2
8A»KIH-485 3.57L	0.27 LAA	9	0	80	0	92	78	130.8
9A»DUAL II MAGNUM	2.16 LAA	9	0	82	0	77	80	137.0
10A»KIH-485 3.57L	0.45 LAA	9	0	88	0	93	99	150.0
11A»DUAL II MAGNUM	3.82 LAA	9	0	88	0	80	87	129.1
12A»KIH-485 3.57L B ATRAZINE DF	0.19 LAA 2.00 LAA	9 9	0	85	0	98	98	164.3
13A»BICEP II MAGNU	3.56 LAA	9	0	88	0	96	96	163.2
LSD (0.05)			0.00	11.94	0.00	12.46	10.87	26.92
STANDARD DEVIATION			0.00	5.78	0.00	6.00	5.27	13.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/29/2003(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 %	05/20/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	05/28/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	05/28/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/28/2003	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/28/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	05/28/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/27/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/27/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/27/2003	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/27/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	POLPY	CON %	06/27/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	YIELD	BU/A	11/01/2003	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G29 LL/YG