

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	04/23/03	AME
AIR TEMPERATURE	64	F
% REL.HUMIDITY	30	
WIND DIRECTION	NORTH	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	---	
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	---/00	
PIONEER 33Y09	/	IN
04/23/2003		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

TITLE: Preemergence grass control in corn with KIH-485 AS-200

CREATED: 04/09/2003 REVISED: 11/05/2003

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			ZEAMD	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					05/01/03	05/07/03	05/07/03	05/07/03	05/07/03	05/07/03
1A»	KIH-485 3.57L	0.11	LAA	9	0	0	75	65	65	30
2A»	DUAL II MAGNUM	0.96	LAA	9	0	0	68	62	63	23
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	KIH-485 3.57L	0.19	LAA	9	0	0	77	68	73	40
5A»	DUAL II MAGNUM	1.59	LAA	9	0	0	80	68	73	37
6A»	KIH-485 3.57L	0.22	LAA	9	0	0	87	75	78	53
7A»	DUAL II MAGNUM	1.91	LAA	9	0	0	89	75	79	50
8A»	KIH-485 3.57L	0.27	LAA	9	0	0	89	78	80	50
9A»	DUAL II MAGNUM	2.16	LAA	9	0	0	88	77	81	43
10A»	KIH-485 3.57L	0.45	LAA	9	0	0	92	88	89	60
11A»	DUAL II MAGNUM	3.82	LAA	9	0	0	97	89	92	52
12A»	KIH-485 3.57L	0.15	LAA	9	0	0	92	78	84	68
	B ATRAZINE DF	1.62	LAA	9						
13A»	BICEP II MAGNU	2.89	LAA	9	0	0	98	98	99	79
14A»	DEGREE XTRA 4S	3.23	LAA	9	0	0	99	97	98	81
		LSD (0.05)			0.00	0.00	6.16	12.85	11.47	8.12
		STANDARD DEVIATION			0.00	0.00	3.00	6.25	5.58	3.95

REPS: 03

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

[illegible]

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CREATED: 04/09/2003 **REVISED:** 11/05/2003 **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 NUM COMPONENT	DOSAGE RATE UNIT	TM	SETFA CON % 06/26/03	CHEAL CON % 06/26/03	AMATA CON % 06/26/03	ABUTH CON % 06/26/03	PHBPU CON % 06/26/03
1A»KIH-485 3.57L	0.11 LAA	9	72	30	40	27	7
2A»DUAL II MAGNUM	0.96 LAA	9	75	0	0	0	0
3A CHECK	0.00 NA	0	0	0	0	0	0
4A»KIH-485 3.57L	0.19 LAA	9	81	53	67	50	30
5A»DUAL II MAGNUM	1.59 LAA	9	85	0	0	0	0
6A»KIH-485 3.57L	0.22 LAA	9	88	57	73	53	47
7A»DUAL II MAGNUM	1.91 LAA	9	92	0	0	0	0
8A»KIH-485 3.57L	0.27 LAA	9	97	83	90	75	53
9A»DUAL II MAGNUM	2.16 LAA	9	97	33	50	0	0
10A»KIH-485 3.57L	0.45 LAA	9	98	97	97	94	83
11A»DUAL II MAGNUM	3.82 LAA	9	98	53	68	0	0
12A»KIH-485 3.57L B ATRAZINE DF	0.15 LAA 1.62 LAA	9 9	89	89	96	88	82
13A»BICEP II MAGNU	2.89 LAA	9	91	98	99	67	68
14A»DEGREE XTRA 4S	3.23 LAA	9	93	99	99	63	72
LSD (0.05)			4.85	13.74	11.11	9.18	8.13
STANDARD DEVIATION			2.36	6.68	5.40	4.46	4.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 04/23/2003(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/01/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	05/07/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	05/07/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/07/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/07/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/07/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/07/2003	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	05/28/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	05/28/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	05/28/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	05/28/2003	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	CON %	06/26/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	06/26/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	06/26/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	06/26/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ABUTH	CON %	06/26/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	06/26/2003	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33Y09