

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	04/16/04	AME
AIR TEMPERATURE	78	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	8.0	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	
PIONEER 34B24	/	IN
04/16/2004		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: KIH-485 preemergence for weed control in corn. AS-100
CREATED: 04/07/2004 **REVISED:** 10/20/2004 **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	SETFA	CHEAL	POLPY	ABUTH	PHBPU
NUM COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/16/04	05/16/04	05/16/04	05/16/04	05/16/04	05/16/04
1A»KIH-485 60WG	0.19	LAA	9	0	84	84	99	67	67
2A»KIH-485 60WG	0.22	LAA	9	0	84	89	99	73	73
3A»DUAL II MAGNUM	1.59	LAA	9	0	90	60	91	37	30
4A»KIH-485 60WG	0.37	LAA	9	0	95	99	99	92	90
5A»DUAL II MAGNUM	3.18	LAA	9	0	98	99	99	47	40
6A»KIH ATZ-B 57.8	1.38	LAA	9	0	96	99	99	87	92
7A»BICEP II MAGNU	2.88	LAA	9	0	96	98	99	60	55
8A»KIH ATZ-C 55.7	1.82	LAA	9	0	98	99	99	87	83
9A CHECK	0.00	NA	0	0	0	0	0	0	0
10A»BICEP II MAGNU	3.58	LAA	9	0	98	99	99	60	53
11A»LUMAX 3.9L	2.95	LAA	9	0	98	99	99	99	97
12A»LEXAR 3.7L	3.23	LAA	9	0	98	99	99	99	97
	LSD (0.05)			0.00	3.84	6.09	2.95	6.41	10.46
	STANDARD DEVIATION			0.00	1.85	2.94	1.42	3.09	5.00

TITLE: KIH-485 preemergence for weed control in corn. AS-100
CREATED: 04/07/2004 **REVISED:** 10/20/2004 **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	SETFA	CHEAL	POLPY	ABUTH	PHBPU
NUM COMPONENT	RATE UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
		06/15/04	06/15/04	06/15/04	06/15/04	06/15/04	06/15/04
1A»KIH-485 60WG	0.19 LAA 9	0	96	88	95	37	57
2A»KIH-485 60WG	0.22 LAA 9	0	97	83	94	43	53
3A»DUAL II MAGNUM	1.59 LAA 9	0	98	33	72	0	0
4A»KIH-485 60WG	0.37 LAA 9	0	99	95	98	77	79
5A»DUAL II MAGNUM	3.18 LAA 9	0	99	73	90	23	0
6A»KIH ATZ-B 57.8	1.38 LAA 9	0	99	94	99	65	73
7A»BICEP II MAGNU	2.88 LAA 9	0	99	96	99	27	47
8A»KIH ATZ-C 55.7	1.82 LAA 9	0	99	99	99	83	88
9A CHECK	0.00 NA 0	0	0	0	0	0	0
10A»BICEP II MAGNU	3.58 LAA 9	0	99	99	99	43	67
11A»LUMAX 3.9L	2.95 LAA 9	0	98	99	99	99	92
12A»LEXAR 3.7L	3.23 LAA 9	0	98	99	99	99	90
	LSL (0.05)	0.00	2.00	9.26	10.22	17.00	14.24
	STANDARD DEVIATION	0.00	1.00	4.46	4.93	8.18	6.86

TITLE: KIH-485 preemergence for weed control in corn. AS-100
CREATED: 04/07/2004 **REVISED:** 10/20/2004 **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	YIELD BU/A 09/20/04
1A»KIH-485 60WG	0.19	LAA	9	165.3
2A»KIH-485 60WG	0.22	LAA	9	169.2
3A»DUAL II MAGNUM	1.59	LAA	9	123.6
4A»KIH-485 60WG	0.37	LAA	9	173.8
5A»DUAL II MAGNUM	3.18	LAA	9	129.9
6A»KIH ATZ-B 57.8	1.38	LAA	9	191.3
7A»BICEP II MAGNU	2.88	LAA	9	174.4
8A»KIH ATZ-C 55.7	1.82	LAA	9	195.3
9A CHECK	0.00	NA	0	68.6
10A»BICEP II MAGNU	3.58	LAA	9	186.2
11A»LUMAX 3.9L	2.95	LAA	9	205.1
12A»LEXAR 3.7L	3.23	LAA	9	205.1
LSD (0.05)				35.86
STANDARD DEVIATION				17.29

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 04/16/2004(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 %	05/16/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/16/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/16/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	05/16/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/16/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/16/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/15/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/15/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/15/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	06/15/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/15/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/15/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	YIELD	BU/A	09/20/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34B24