

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 40 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/09/05	AME
AIR TEMPERATURE	71	F
% REL.HUMIDITY	82	
WIND DIRECTION	SOUTH	
WIND SPEED	10.0	M/H
CLOUD COVER	CLOUDY	
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	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	
DEKALB 63-81	/	IN
05/09/2005		

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

\* STAGE CODE  
 01 = BEGINNING OF IMBIBITION

TITLE: BT KIH-485 Preemergence in Corn BT 800  
 CREATED: 06/15/2005 REVISED: 11/20/2005 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Brownstown RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 40.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PANDI	CHEAL	AMBEL	AMATA	
		RATE	UNIT		CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	
1A	KIH-485 60WG	0.15	LAA	9	0	88	90	88	88	90	
2A	KIH-485 60WG	0.19	LAA	9	0	98	98	93	96	96	
3A	DUAL II MAGNUM	1.59	LAA	9	0	91	91	80	96	93	
4A	KIH-485 60WG	0.22	LAA	9	4	99	99	97	99	99	
5A	KIH-485 60WG	0.37	LAA	9	7	98	99	99	99	99	
6A	HARNESS (7EC)	1.55	LAA	9	0	99	98	96	98	99	
7A	HARNESS (7EC)	2.00	LAA	9	2	99	98	96	96	99	
8A	KIH ATZ-B 57.8	1.38	LAA	9	6	99	96	98	99	98	
9A	CHECK	0.00	NA	0	0	33	33	0	0	0	
10A	BICEP II MAGNU	2.88	LAA	9	2	89	90	99	96	98	
11A	LEXAR 3.7L	3.23	LAA	9	5	86	85	93	99	99	
12A	RADIUS 4SC	0.75	LAA	9	5	93	93	89	93	89	
					LSD (0.05)	4.34	29.12	29.47	11.51	7.30	10.42
					STANDARD DEVIATION	2.09	14.00	14.21	5.55	3.52	5.00

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	IPOHE	ZEAMD	SETFA	PANDI	CHEAL	AMBEL
		RATE	UNIT		CON % 05/19/05	CON % 06/07/05	CON % 06/07/05	CON % 06/07/05	CON % 06/07/05	CON % 06/07/05
1A»	KIH-485 60WG	0.15	LAA	9	77	0	93	93	87	90
2A»	KIH-485 60WG	0.19	LAA	9	83	0	95	98	88	93
3A»	DUAL II MAGNUM	1.59	LAA	9	86	0	96	95	83	95
4A»	KIH-485 60WG	0.22	LAA	9	94	0	98	99	94	96
5A»	KIH-485 60WG	0.37	LAA	9	98	0	99	99	98	99
6A	HARNES (7EC)	1.55	LAA	9	93	0	98	96	93	88
7A	HARNES (7EC)	2.00	LAA	9	83	0	96	96	98	95
8A»	KIH ATZ-B 57.8	1.38	LAA	9	86	0	96	95	96	99
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	BICEP II MAGNU	2.88	LAA	9	89	0	93	93	95	92
11A»	LEXAR 3.7L	3.23	LAA	9	93	0	94	88	94	93
12A»	RADIUS 4SC	0.75	LAA	9	85	0	94	91	89	94
		LSD (0.05)			17.54	0.00	8.77	7.24	12.80	7.86
		STANDARD DEVIATION			8.46	0.00	4.23	3.49	6.17	3.79

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**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 40.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	IPOHE	ZEAMD	SETFA	PANDI	CHEAL
		RATE	UNIT		CON % 06/07/05	CON % 06/07/05	CON % 07/14/05	CON % 07/14/05	CON % 07/14/05	CON % 07/14/05
1A»	KIH-485 60WG	0.15	LAA	9	90	85	0	87	85	83
2A»	KIH-485 60WG	0.19	LAA	9	95	88	0	97	93	85
3A»	DUAL II MAGNUM	1.59	LAA	9	95	87	0	98	85	75
4A»	KIH-485 60WG	0.22	LAA	9	99	93	0	96	96	88
5A»	KIH-485 60WG	0.37	LAA	9	99	96	0	98	98	95
6A	HARNESS (7EC)	1.55	LAA	9	95	92	0	95	92	88
7A	HARNESS (7EC)	2.00	LAA	9	99	86	0	90	88	93
8A»	KIH ATZ-B 57.8	1.38	LAA	9	93	85	0	92	92	93
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	BICEP II MAGNU	2.88	LAA	9	95	93	0	88	83	91
11A»	LEXAR 3.7L	3.23	LAA	9	93	91	0	90	83	93
12A»	RADIUS 4SC	0.75	LAA	9	95	90	0	92	93	85
LSD (0.05)					7.32	10.55	0.00	9.30	8.00	15.31
STANDARD DEVIATION					3.53	5.08	0.00	4.48	3.85	7.38

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	AMBEL CON % 07/14/05	AMATA CON % 07/14/05	IPOHE CON % 07/14/05	YIELD BU/A 09/29/05
1A»KIH-485 60WG	0.15 LAA 9	82	88	77	143.7
2A»KIH-485 60WG	0.19 LAA 9	92	95	87	134.1
3A»DUAL II MAGNUM	1.59 LAA 9	92	92	90	119.9
4A»KIH-485 60WG	0.22 LAA 9	93	99	90	134.5
5A»KIH-485 60WG	0.37 LAA 9	99	99	96	137.0
6A HARNESS (7EC)	1.55 LAA 9	92	96	88	144.4
7A HARNESS (7EC)	2.00 LAA 9	88	98	91	142.0
8A»KIH ATZ-B 57.8	1.38 LAA 9	93	96	88	145.2
9A CHECK	0.00 NA 0	0	0	0	78.6
10A»BICEP II MAGNU	2.88 LAA 9	88	88	86	137.3
11A»LEXAR 3.7L	3.23 LAA 9	93	93	88	138.1
12A»RADIUS 4SC	0.75 LAA 9	87	95	88	144.7
	LSLSD (0.05)	8.00	6.42	14.35	24.71
	STANDARD DEVIATION	3.85	3.10	6.92	11.91

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/09/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	05/19/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/19/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PANDI	CON %	05/19/2005	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/19/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	05/19/2005	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	05/19/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	IPOHE	CON %	05/19/2005	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/07/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/07/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PANDI	CON %	06/07/2005	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/07/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	06/07/2005	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/07/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	IPOHE	CON %	06/07/2005	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/14/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/14/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PANDI	CON %	07/14/2005	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/14/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMBEL	CON %	07/14/2005	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMATA	CON %	07/14/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	IPOHE	CON %	07/14/2005	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	09/29/2005	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 63-81