

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH:
 %OM: 0.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 34 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	04/26/06	AME
AIR TEMPERATURE	67	F
% REL.HUMIDITY	35	
WIND DIRECTION	NORTHWEST	
WIND SPEED	9.0	M/H
CLOUD COVER	---	
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	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/00	
DKC 63-74	0.00/0.00	IN
04/26/2006		
*** PEST ***		
WATERHEMP, COMMO	---/00	
	0.00/0.00	IN
RAGWEED, COMMON	---/00	
	0.00/0.00	IN
LAMBSQUARTERS, C	---/00	
	0.00/0.00	IN
SMARTWEED, PENNS	---/00	
	0.00/0.00	IN
FOXTAIL, GIANT	---/00	
	0.00/0.00	IN
SHATTERCANE, SOR	---/00	
	0.00/0.00	IN
COCKLEBUR, COMMO	---/00	
	0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

TITLE: KIH-485 Preemergence Weed Control Evaluation in Conventional Corn. 600/700
CREATED: 04/25/2006 **REVISED:** 08/21/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 34.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	SORVU	AMATA	CHEAL	AMBEL	
		RATE	UNIT		CON % 05/30/06	CON % 05/30/06	CON % 05/30/06	CON % 05/30/06	CON % 05/30/06	CON % 05/30/06	
1A»	KIH-485 85WG	0.11	LAA	9	0	99	0	0	96	78	
2A»	KIH-485 85WG	0.15	LAA	9	2	99	0	0	99	93	
3A»	KIH-485 85WG	0.19	LAA	9	2	99	0	0	99	92	
4A»	KIH-485 85WG	0.30	LAA	9	0	99	0	0	99	97	
5A»	DUAL II MAGNUM	1.27	LAA	9	0	88	0	0	70	40	
6A	HARNES (7EC)	1.55	LAA	9	0	99	0	0	82	72	
7A	HARNES (7EC)	2.00	LAA	9	0	97	0	0	88	85	
8A»	KIH-485 85WG	0.15	LAA	9	0	95	0	0	99	97	
	B ATRAZINE DF	1.00	LAA	9							
9A	CHECK	0.00	NA	0	0	0	0	0	0	0	
10A»	KIH-485 85WG	0.15	LAA	9	0	96	0	0	99	99	
	B ATRAZINE DF	1.00	LAA	9							
	C BALANCE PRO 4	0.07	LAA	9							
11A»	LEXAR 3.7L	2.76	LAA	9	0	99	0	0	99	99	
12A	KEYSTONE 5.25	2.76	LAA	9	0	99	0	0	99	98	
	B HORNET 68.5WG	0.128	LAA	9							
					LSD (0.05)	1.90	9.85	0.00	0.00	9.92	6.83
					STANDARD DEVIATION	0.917	4.75	0.00	0.00	4.78	3.29

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		RATE	UNIT		CON % 05/30/06	CON % 05/30/06	CON % 06/29/06	CON % 06/29/06	CON % 06/29/06	CON % 06/29/06	
1A	KIH-485 85WG	0.11	LAA	9	53	98	0	99	99	99	
2A	KIH-485 85WG	0.15	LAA	9	47	94	0	99	99	99	
3A	KIH-485 85WG	0.19	LAA	9	38	99	0	99	99	99	
4A	KIH-485 85WG	0.30	LAA	9	53	99	0	99	99	99	
5A	DUAL II MAGNUM	1.27	LAA	9	47	86	0	99	98	99	
6A	HARNESS (7EC)	1.55	LAA	9	68	98	0	86	96	87	
7A	HARNESS (7EC)	2.00	LAA	9	67	98	0	97	94	93	
8A	KIH-485 85WG	0.15	LAA	9	74	99	0	99	96	98	
	B ATRAZINE DF	1.00	LAA	9							
9A	CHECK	0.00	NA	0	0	0	0	0	0	0	
10A	KIH-485 85WG	0.15	LAA	9	92	99	0	98	91	98	
	B ATRAZINE DF	1.00	LAA	9							
	C BALANCE PRO 4	0.07	LAA	9							
11A	LEXAR 3.7L	2.76	LAA	9	87	99	0	95	97	96	
12A	KEYSTONE 5.25	2.76	LAA	9	90	99	0	87	93	87	
	B HORNET 68.5WG	0.128	LAA	9							
					LSD (0.05)	23.70	11.08	0.00	7.71	8.37	9.58
					STANDARD DEVIATION	11.43	5.34	0.00	3.72	4.00	4.62

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/29/06	AMBEL CON % 06/29/06	XANST CON % 06/29/06	POLPY CON % 06/29/06
1A»KIH-485 85WG	0.11	LAA	9	96	57	18	94
2A»KIH-485 85WG	0.15	LAA	9	95	86	23	96
3A»KIH-485 85WG	0.19	LAA	9	99	96	17	99
4A»KIH-485 85WG	0.30	LAA	9	99	78	15	99
5A»DUAL II MAGNUM	1.27	LAA	9	73	36	23	99
6A HARNESS (7EC)	1.55	LAA	9	62	47	48	96
7A HARNESS (7EC)	2.00	LAA	9	79	64	40	99
8A»KIH-485 85WG	0.15	LAA	9	99	94	71	99
B ATRAZINE DF	1.00	LAA	9				
9A CHECK	0.00	NA	0	0	0	0	0
10A»KIH-485 85WG	0.15	LAA	9	99	97	80	99
B ATRAZINE DF	1.00	LAA	9				
C BALANCE PRO 4	0.07	LAA	9				
11A»LEXAR 3.7L	2.76	LAA	9	96	95	78	98
12A KEYSTONE 5.25	2.76	LAA	9	99	94	92	99
B HORNET 68.5WG	0.128	LAA	9				
	LSD (0.05)			13.12	20.81	21.56	5.24
	STANDARD DEVIATION			6.33	10.00	10.40	2.53

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/26/2006(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 %	05/30/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/30/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SORVU	CON %	05/30/2006	03	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/30/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/30/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	05/30/2006	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/30/2006	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY	CON %	05/30/2006	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/29/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/29/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SORVU	CON %	06/29/2006	03	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	06/29/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	06/29/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	06/29/2006	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	06/29/2006	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	POLPY	CON %	06/29/2006	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DKC 63-74