

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH:
 %OM: 0.0
 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	04/26/06	AME
AIR TEMPERATURE	62	F
% REL.HUMIDITY	35	
WIND DIRECTION	NORTHWEST	
WIND SPEED	8.0	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	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	
DKC 63-74	0.00/0.00	IN
04/26/2006		
*** PEST ***		
VELVETLEAF	---/00	
	0.00/0.00	IN
WATERHEMP, COMMO	---/00	
	0.00/0.00	IN
RAGWEED, COMMON	---/00	
	0.00/0.00	IN
LAMBSQUARTERS, C	---/00	
	0.00/0.00	IN
MORNINGGLORY, TA	---/00	
	0.00/0.00	IN
SMARTWEED, PENNS	---/00	
	0.00/0.00	IN
FOXTAIL, GIANT	---/00	
	0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

TITLE: KIH-485 Mixtures for Weed Control in Conventional Corn. E2/E3
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** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	POLPY	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	0.15	LAA	9	0	99	99	99	99	88	
2A»	KIH-485 85WG	0.30	LAA	9	0	99	99	99	99	99	
3A»	KIH-485 85WG	0.15	LAA	9	0	99	99	99	99	99	
	B BALANCE PRO 4	0.059	LAA	9							
4A»	KIH-485 85WG	0.15	LAA	9	0	99	99	99	99	99	
	B BALANCE PRO 4	0.045	LAA	9							
5A»	KIH-485 85WG	0.15	LAA	9	0	99	99	99	99	97	
	B HORNET 68.5WG	0.07	LAA	9							
6A»	KIH-485 85WG	0.15	LAA	9	0	99	99	99	99	95	
	B HORNET 68.5WG	0.053	LAA	9							
7A»	KIH-485 85WG	0.15	LAA	9	0	99	99	99	99	99	
	B CALLISTO 4SC	0.168	LAA	9							
	C ATRAZINE DF	0.62	LAA	9							
8A	CHECK	0.00	NA	0	0	0	0	0	0	0	
9A»	KIH-485 85WG	0.15	LAA	9	0	99	99	99	99	98	
	B CALLISTO 4SC	0.126	LAA	9							
	C ATRAZINE DF	0.47	LAA	9							
10A	LUMAX	2.47	LAA	9	0	99	99	99	99	98	
11A	BALANCE PRO 4	0.059	LAA	9	0	98	96	99	99	95	
12A	HORNET 68.5WG	0.07	LAA	9	0	43	44	99	99	78	
					LSD (0.05)	0.00	1.43	3.11	0.408	0.00	5.09
					STANDARD DEVIATION	0.00	0.688	1.50	0.197	0.00	2.45

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PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	ZEAMD	SETFA	AMATA	CHEAL	POLPY
		RATE	UNIT		CON % 05/30/06	CON % 06/29/06	CON % 06/29/06	CON % 06/29/06	CON % 06/29/06	CON % 06/29/06
1A»	KIH-485 85WG	0.15	LAA	9	99	0	96	96	98	98
2A»	KIH-485 85WG	0.30	LAA	9	99	0	98	98	98	98
3A»	KIH-485 85WG	0.15	LAA	9	97	0	92	92	99	99
	B BALANCE PRO 4	0.059	LAA	9						
4A»	KIH-485 85WG	0.15	LAA	9	97	0	93	93	96	97
	B BALANCE PRO 4	0.045	LAA	9						
5A»	KIH-485 85WG	0.15	LAA	9	97	0	93	93	97	99
	B HORNET 68.5WG	0.07	LAA	9						
6A»	KIH-485 85WG	0.15	LAA	9	99	0	92	97	98	99
	B HORNET 68.5WG	0.053	LAA	9						
7A»	KIH-485 85WG	0.15	LAA	9	99	0	76	87	99	99
	B CALLISTO 4SC	0.168	LAA	9						
	C ATRAZINE DF	0.62	LAA	9						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A»	KIH-485 85WG	0.15	LAA	9	99	0	93	94	99	99
	B CALLISTO 4SC	0.126	LAA	9						
	C ATRAZINE DF	0.47	LAA	9						
10A	LUMAX	2.47	LAA	9	99	0	95	94	97	99
11A	BALANCE PRO 4	0.059	LAA	9	97	0	73	58	88	98
12A	HORNET 68.5WG	0.07	LAA	9	99	0	13	12	96	99
	LSD (0.05)				2.39	0.00	13.68	6.37	6.92	1.78
	STANDARD DEVIATION				1.15	0.00	6.60	3.07	3.34	0.858

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	AMBEL	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					06/29/06	06/29/06
1A	KIH-485 85WG	0.15	LAA	9	85	96
2A	KIH-485 85WG	0.30	LAA	9	97	95
3A	KIH-485 85WG	0.15	LAA	9	97	95
	B BALANCE PRO 4	0.059	LAA	9		
4A	KIH-485 85WG	0.15	LAA	9	95	92
	B BALANCE PRO 4	0.045	LAA	9		
5A	KIH-485 85WG	0.15	LAA	9	93	96
	B HORNET 68.5WG	0.07	LAA	9		
6A	KIH-485 85WG	0.15	LAA	9	88	97
	B HORNET 68.5WG	0.053	LAA	9		
7A	KIH-485 85WG	0.15	LAA	9	95	97
	B CALLISTO 4SC	0.168	LAA	9		
	C ATRAZINE DF	0.62	LAA	9		
8A	CHECK	0.00	NA	0	0	0
9A	KIH-485 85WG	0.15	LAA	9	95	97
	B CALLISTO 4SC	0.126	LAA	9		
	C ATRAZINE DF	0.47	LAA	9		
10A	LUMAX	2.47	LAA	9	96	97
11A	BALANCE PRO 4	0.059	LAA	9	94	98
12A	HORNET 68.5WG	0.07	LAA	9	52	96
	LSD (0.05)				12.92	4.10
	STANDARD DEVIATION				6.23	2.00

>> = 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	AMATA	CON %	05/30/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/30/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	05/30/2006	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	05/30/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/30/2006	07	P	PHBPU		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	AMATA	CON %	06/29/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	06/29/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	06/29/2006	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	06/29/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/29/2006	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DKC 63-74