

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
PH: 6.1
%OM: 1.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/05/06	AME
AIR TEMPERATURE	60	F
% REL. HUMIDITY	55	
WIND DIRECTION	NORTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	PARTCLDY	
DEW	---	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	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	---/01	
DEKALB 63-81	/	IN
05/05/2006		

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

* STAGE CODE
01 = BEGINNING OF IMBIBITION

TITLE: KIH-485 Preemergence Weed Control Evaluation in Conventional Corn. 2404
CREATED: 04/29/2006 **REVISED:** 08/21/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	XANST	CHEAL	IPOHE	ABUTH	
		RATE	UNIT		CON % 06/05/06	CON % 06/05/06	CON % 06/05/06	CON % 06/05/06	CON % 06/05/06	CON % 06/05/06	
1A»	KIH-485 85WG	0.11	LAA	9	0	63	67	33	68	75	
2A»	KIH-485 85WG	0.15	LAA	9	0	65	83	45	72	73	
3A»	KIH-485 85WG	0.19	LAA	9	0	63	75	45	65	75	
4A»	KIH-485 85WG	0.30	LAA	9	0	73	78	50	67	82	
5A»	DUAL II MAGNUM	1.27	LAA	9	0	60	73	23	67	62	
6A	HARNESS (7EC)	1.55	LAA	9	0	85	87	73	70	65	
7A	HARNESS (7EC)	2.00	LAA	9	0	91	80	82	72	70	
8A»	KIH-485 85WG	0.15	LAA	9	0	77	75	93	83	82	
	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	81	94	97	78	94	
	B ATRAZINE DF	1.00	LAA	9							
	C BALANCE PRO 4	0.07	LAA	9							
11A»	LEXAR 3.7L	2.76	LAA	9	0	85	94	99	90	99	
12A	KEYSTONE 5.25	2.76	LAA	9	0	92	95	99	84	90	
	B HORNET 68.5WG	0.128	LAA	9							
					LSD (0.05)	0.00	9.27	10.25	18.34	7.66	7.84
					STANDARD DEVIATION	0.00	4.47	4.94	8.84	3.69	3.78

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	DATST	ZEAMD	SETFA	XANST	CHEAL	IPOHE
		RATE	UNIT		CON % 06/05/06	CON % 07/07/06	CON % 07/07/06	CON % 07/07/06	CON % 07/07/06	CON % 07/07/06
1A»	KIH-485 85WG	0.11	LAA	9	73	0	43	47	10	37
2A»	KIH-485 85WG	0.15	LAA	9	76	0	57	63	13	58
3A»	KIH-485 85WG	0.19	LAA	9	73	0	57	50	15	37
4A»	KIH-485 85WG	0.30	LAA	9	72	0	63	52	23	33
5A»	DUAL II MAGNUM	1.27	LAA	9	75	0	60	57	3	23
6A	HARNESS (7EC)	1.55	LAA	9	82	0	73	33	23	13
7A	HARNESS (7EC)	2.00	LAA	9	86	0	77	40	37	17
8A»	KIH-485 85WG	0.15	LAA	9	92	0	58	43	87	73
	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	98	0	75	89	98	73
	B ATRAZINE DF	1.00	LAA	9						
	C BALANCE PRO 4	0.07	LAA	9						
11A»	LEXAR 3.7L	2.76	LAA	9	99	0	75	95	99	90
12A	KEYSTONE 5.25	2.76	LAA	9	97	0	88	96	99	78
	B HORNET 68.5WG	0.128	LAA	9						
		LSD (0.05)			6.22	0.00	13.00	17.80	10.67	18.32
		STANDARD DEVIATION			3.00	0.00	6.27	8.58	5.14	8.83

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TRT	TREATMENT	DOSAGE	ABUTH	DATST		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					07/07/06	07/07/06
1A	KIH-485 85WG	0.11	LAA	9	50	40
2A	KIH-485 85WG	0.15	LAA	9	50	43
3A	KIH-485 85WG	0.19	LAA	9	47	30
4A	KIH-485 85WG	0.30	LAA	9	52	52
5A	DUAL II MAGNUM	1.27	LAA	9	23	53
6A	HARNES (7EC)	1.55	LAA	9	13	43
7A	HARNES (7EC)	2.00	LAA	9	17	50
8A	KIH-485 85WG	0.15	LAA	9	55	85
	B ATRAZINE DF	1.00	LAA	9		
9A	CHECK	0.00	NA	0	0	0
10A	KIH-485 85WG	0.15	LAA	9	89	93
	B ATRAZINE DF	1.00	LAA	9		
	C BALANCE PRO 4	0.07	LAA	9		
11A	LEXAR 3.7L	2.76	LAA	9	98	99
12A	KEYSTONE 5.25	2.76	LAA	9	83	98
	B HORNET 68.5WG	0.128	LAA	9		
		LSD (0.05)			19.48	19.42
		STANDARD DEVIATION			9.39	9.36

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/05/2006(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 %	06/05/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/05/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	XANST	CON %	06/05/2006	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/05/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOHE	CON %	06/05/2006	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/05/2006	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	DATST	CON %	06/05/2006	07	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	07/07/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/07/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	XANST	CON %	07/07/2006	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	07/07/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	07/07/2006	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	07/07/2006	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	DATST	CON %	07/07/2006	07	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 63-81