

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 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	05/10/06	AME
AIR TEMPERATURE	72	F
% REL. HUMIDITY	45	
WIND DIRECTION	NORTHWEST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLOUDY	
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	
ASGROW 715 RR	/	IN
05/10/2006		

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

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

TITLE: KIH-485 Preemergence Weed Control Evaluation in Conventional Corn. SW-1500W
CREATED: 05/01/2006 **REVISED:** 08/22/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
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	ABUTH	AMBTR	CHEAL	ZEAMD	
		RATE	UNIT		CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 07/12/06	
1A»	KIH-485 85WG	0.15	LAA	9	0	94	83	58	94	0	
2A»	KIH-485 85WG	0.19	LAA	9	0	95	80	70	99	0	
3A»	KIH-485 85WG	0.22	LAA	9	0	96	83	87	99	0	
4A»	KIH-485 85WG	0.37	LAA	9	0	96	94	91	99	0	
5A»	DUAL II MAGNUM	1.59	LAA	9	0	96	67	83	96	0	
6A	HARNESS (7EC)	1.55	LAA	9	0	97	73	85	99	0	
7A	HARNESS (7EC)	2.00	LAA	9	0	99	71	88	99	0	
8A»	KIH-485 85WG	0.19	LAA	9	0	94	88	77	99	0	
	B ATRAZINE DF	1.00	LAA	9							
9A	CHECK	0.00	NA	0	0	0	0	0	0	0	
10A»	KIH-485 85WG	0.19	LAA	9	0	96	96	85	99	0	
	B ATRAZINE DF	0.50	LAA	9							
	C BALANCE PRO 4	0.07	LAA	9							
11A»	LEXAR 3.7L	3.24	LAA	9	0	96	98	92	99	0	
12A	KEYSTONE 5.25	3.50	LAA	9	0	98	94	92	99	0	
	B HORNET 68.5WG	0.171	LAA	9							
					LSD (0.05)	0.00	2.77	6.60	14.11	2.68	0.00
					STANDARD DEVIATION	0.00	1.33	3.18	6.80	1.29	0.00

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TRT	TREATMENT	DOSAGE	SETFA	ABUTH	AMBTR	CHEAL	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	
		UNIT	07/12/06	07/12/06	07/12/06	07/12/06	
1A	KIH-485 85WG	0.15	LAA 9	67	43	0	80
2A	KIH-485 85WG	0.19	LAA 9	75	40	15	85
3A	KIH-485 85WG	0.22	LAA 9	68	38	43	87
4A	KIH-485 85WG	0.37	LAA 9	82	57	60	88
5A	DUAL II MAGNUM	1.59	LAA 9	73	0	40	70
6A	HARNES (7EC)	1.55	LAA 9	73	10	40	90
7A	HARNES (7EC)	2.00	LAA 9	85	10	40	96
8A	KIH-485 85WG	0.19	LAA 9	68	43	37	98
	B ATRAZINE DF	1.00	LAA 9				
9A	CHECK	0.00	NA 0	0	0	0	0
10A	KIH-485 85WG	0.19	LAA 9	77	81	47	99
	B ATRAZINE DF	0.50	LAA 9				
	C BALANCE PRO 4	0.07	LAA 9				
11A	LEXAR 3.7L	3.24	LAA 9	77	93	60	99
12A	KEYSTONE 5.25	3.50	LAA 9	88	60	50	99
	B HORNET 68.5WG	0.171	LAA 9				
		LSD (0.05)		16.90	15.51	29.57	11.07
		STANDARD DEVIATION		8.15	7.48	14.26	5.34

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/10/2006(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 %	06/07/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/07/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/07/2006	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	06/07/2006	04	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/07/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/12/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/12/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/12/2006	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBTR	CON %	07/12/2006	04	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/12/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 715 RR