

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	05/03/05	AME
AIR TEMPERATURE	62	F
% REL.HUMIDITY	29	
WIND DIRECTION	WEST	
WIND SPEED	7.5	M/H
CLOUD COVER	PARTCLDY	
DEW	NA/UNKNOW	
SOIL MOISTURE	DRY/DRY	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	SPECIAL	
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	
*** PEST ***		
VELVETLEAF	MED/01 /	IN
LAMBSQUARTERS, C	MED/01 /	IN
JIMSONWEED	MED/01 /	IN
MORNINGGLORY, IV	MED/01 /	IN
FOXTAIL, GIANT	MED/01 /	IN
COCKLEBUR, COMMO	MED/01 /	IN
CORN, DENT BURRUS 484 S 05/03/2005	HGH/00 /	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

01 = BEGINNING OF IMIBIBITION

TITLE: KIH-485 Preemergence For Weed Control in Corn.

CREATED: 04/23/2005 REVISED: 11/19/2005

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	TREATMENT	DOSAGE		SETFA	DATST	ABUTH	IPOHE	CHEAL	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/31/05	05/31/05	05/31/05	05/31/05	05/31/05
1A»	KIH-485 60WG	0.11	LAA	9	27	96	95	93	95
2A»	KIH-485 60WG	0.15	LAA	9	47	96	95	92	96
3A»	DUAL II MAGNUM	1.27	LAA	9	57	93	91	92	96
4A»	KIH-485 60WG	0.19	LAA	9	63	93	95	96	99
5A»	KIH-485 60WG	0.30	LAA	9	57	93	90	96	99
6A	HARNESS (7EC)	1.55	LAA	9	88	98	91	95	98
7A	HARNESS (7EC)	2.00	LAA	9	87	98	98	92	96
8A»	KIH ATZ-B 57.8	1.10	LAA	9	60	96	92	98	99
9A	CHECK	0.00	NA	0	0	0	0	0	0
10A»	BICEP II MAGNU	2.19	LAA	9	63	99	93	95	98
11A»	LEXAR 3.7L	2.32	LAA	9	67	99	96	88	99
12A»	RADIUS 4SC	0.50	LAA	9	40	98	98	92	96
LSD (0.05)					12.18	4.46	9.71	5.49	4.72
STANDARD DEVIATION					5.87	2.15	4.68	2.65	2.28
									26.76
									12.90

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LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG**

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/31/05	SETFA CON % 07/05/05	DATST CON % 07/05/05	ABUTH CON % 07/05/05	IPOHE CON % 07/05/05	CHEAL CON % 07/05/05
1A»KIH-485 60WG	0.11	LAA	9	0	22	91	88	58	68
2A»KIH-485 60WG	0.15	LAA	9	0	45	93	94	73	80
3A»DUAL II MAGNUM	1.27	LAA	9	0	30	83	75	67	87
4A»KIH-485 60WG	0.19	LAA	9	0	42	91	94	80	88
5A»KIH-485 60WG	0.30	LAA	9	0	43	91	80	83	86
6A HARNESS (7EC)	1.55	LAA	9	0	67	98	80	83	96
7A HARNESS (7EC)	2.00	LAA	9	0	55	99	93	78	92
8A»KIH ATZ-B 57.8	1.10	LAA	9	0	45	81	70	77	96
9A CHECK	0.00	NA	0	0	0	0	0	0	0
10A»BICEP II MAGNU	2.19	LAA	9	0	47	96	99	90	99
11A»LEXAR 3.7L	2.32	LAA	9	0	33	99	96	40	99
12A»RADIUS 4SC	0.50	LAA	9	0	47	96	99	87	95
LSD (0.05)				0.00	16.93	11.73	17.38	16.14	14.90
STANDARD DEVIATION				0.00	8.16	5.66	8.38	7.78	7.19

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	XANST CON % 07/05/05	ZEAMD CON % 07/05/05	YIELD BU/A 10/20/05
1A»KIH-485 60WG	0.11 LAA	9	83	0	64.2
2A»KIH-485 60WG	0.15 LAA	9	72	0	80.9
3A»DUAL II MAGNUM	1.27 LAA	9	55	0	69.9
4A»KIH-485 60WG	0.19 LAA	9	50	0	72.6
5A»KIH-485 60WG	0.30 LAA	9	75	0	87.9
6A HARNESS (7EC)	1.55 LAA	9	83	0	100.9
7A HARNESS (7EC)	2.00 LAA	9	85	0	114.6
8A»KIH ATZ-B 57.8	1.10 LAA	9	63	0	93.0
9A CHECK	0.00 NA	0	0	0	43.2
10A»BICEP II MAGNU	2.19 LAA	9	43	0	77.6
11A»LEXAR 3.7L	2.32 LAA	9	43	0	68.2
12A»RADIUS 4SC	0.50 LAA	9	57	0	82.1
LSD (0.05)			25.69	0.00	27.43
STANDARD DEVIATION			12.39	0.00	13.23

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/03/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	SETFA	CON %	05/31/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	DATST	CON %	05/31/2005	02	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	05/31/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	05/31/2005	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/31/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	05/31/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	05/31/2005	07	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/05/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	DATST	CON %	07/05/2005	02	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	07/05/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	IPOHE	CON %	07/05/2005	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	07/05/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	07/05/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	CON %	07/05/2005	07	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
015	YIELD	BU/A	10/20/2005	07	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

07 = BURRUS 484 S