

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/06/04	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	13.5	M/H
CLOUD COVER	CLEAR	
DEW	NA/UNKNOW	
SOIL MOISTURE	DRY/MOIST	
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
CORN, DENT ASGROW 715 RR 05/05/2004	MED/01 0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: KIH-485 preemergence for weed control in corn. 2405
CREATED: 04/09/2004 **REVISED:** 12/12/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/28/04	SETFA CON % 05/28/04	CHEAL CON % 05/28/04	ABUTH CON % 05/28/04	DATST CON % 05/28/04	IPOHE CON % 05/28/04
1A»KIH-485 60WG	0.15	LAA	9	1	99	97	98	82	76
2A»KIH-485 60WG	0.19	LAA	9	2	99	98	98	87	88
3A»DUAL II MAGNUM	1.27	LAA	9	0	97	91	82	76	57
4A»KIH-485 60WG	0.22	LAA	9	0	98	99	98	92	92
5A»DUAL II MAGNUM	2.54	LAA	9	1	99	97	97	87	82
6A»KIH-485 60WG	0.30	LAA	9	0	99	99	99	97	96
7A»KIH ATZ-B 57.8	1.10	LAA	9	1	98	99	99	98	98
8A»BICEP II MAGNU	2.19	LAA	9	0	98	99	98	98	98
9A»KIH ATZ-C 55.7	1.45	LAA	9	1	91	99	99	99	99
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»BICEP II MAGNU	2.88	LAA	9	0	99	99	98	99	96
12A»LUMAX 3.9L	2.46	LAA	9	0	99	99	99	99	98
LSD (0.05)				1.41	4.00	6.00	8.08	12.31	15.22
STANDARD DEVIATION				0.68	2.00	2.89	3.89	5.94	7.34

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/17/04	SETFA CON % 06/17/04	CHEAL CON % 06/17/04	ABUTH CON % 06/17/04	DATST CON % 06/17/04	IPOHE CON % 06/17/04
1A»KIH-485 60WG	0.15	LAA	9	0	98	65	72	42	40
2A»KIH-485 60WG	0.19	LAA	9	2	96	92	85	71	58
3A»DUAL II MAGNUM	1.27	LAA	9	0	93	30	47	35	42
4A»KIH-485 60WG	0.22	LAA	9	0	96	96	98	79	72
5A»DUAL II MAGNUM	2.54	LAA	9	3	98	72	70	70	55
6A»KIH-485 60WG	0.30	LAA	9	0	99	89	94	89	85
7A»KIH ATZ-B 57.8	1.10	LAA	9	0	96	99	99	97	98
8A»BICEP II MAGNU	2.19	LAA	9	0	95	99	98	84	95
9A»KIH ATZ-C 55.7	1.45	LAA	9	0	91	99	99	96	98
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»BICEP II MAGNU	2.88	LAA	9	0	99	99	96	98	97
12A»LUMAX 3.9L	2.46	LAA	9	0	97	99	99	99	98
LSD (0.05)				3.00	4.76	20.76	24.81	23.27	27.34
STANDARD DEVIATION				1.47	2.29	10.00	12.00	11.22	13.18

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TRT TREATMENT	DOSAGE			XANST	ZEAMD	SETFA	CHEAL	ABUTH	DATST
NUM COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/17/04	07/09/04	07/09/04	07/09/04	07/09/04	07/09/04
1A»KIH-485 60WG	0.15	LAA	9	51	0	94	45	76	58
2A»KIH-485 60WG	0.19	LAA	9	68	0	90	67	60	45
3A»DUAL II MAGNUM	1.27	LAA	9	27	0	81	20	33	28
4A»KIH-485 60WG	0.22	LAA	9	60	0	88	86	76	71
5A»DUAL II MAGNUM	2.54	LAA	9	62	0	97	38	71	50
6A»KIH-485 60WG	0.30	LAA	9	65	0	98	81	94	86
7A»KIH ATZ-B 57.8	1.10	LAA	9	85	0	94	99	97	82
8A»BICEP II MAGNU	2.19	LAA	9	88	0	95	99	98	67
9A»KIH ATZ-C 55.7	1.45	LAA	9	92	5	91	99	98	90
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»BICEP II MAGNU	2.88	LAA	9	88	0	96	99	88	76
12A»LUMAX 3.9L	2.46	LAA	9	99	0	95	99	99	98
	LSL (0.05)			34.84	4.23	9.30	24.33	26.93	32.34
	STANDARD DEVIATION			16.80	2.00	4.49	11.73	13.00	15.59

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	IPOHE CON % 07/09/04	XANST CON % 07/09/04	SIDSP CON % 07/09/04	YIELD BU/ACRE 10/25/04
1A»KIH-485 60WG	0.15 LAA	9	30	47	83	186.5
2A»KIH-485 60WG	0.19 LAA	9	45	62	90	201.4
3A»DUAL II MAGNUM	1.27 LAA	9	20	45	37	174.8
4A»KIH-485 60WG	0.22 LAA	9	53	58	93	204.8
5A»DUAL II MAGNUM	2.54 LAA	9	27	47	73	183.9
6A»KIH-485 60WG	0.30 LAA	9	70	62	91	206.4
7A»KIH ATZ-B 57.8	1.10 LAA	9	95	74	98	211.1
8A»BICEP II MAGNU	2.19 LAA	9	94	80	91	212.3
9A»KIH ATZ-C 55.7	1.45 LAA	9	86	85	98	206.6
10A CHECK	0.00 NA	0	0	0	0	106.3
11A»BICEP II MAGNU	2.88 LAA	9	94	79	91	204.3
12A»LUMAX 3.9L	2.46 LAA	9	96	98	99	215.3
LSD (0.05)			26.51	40.37	14.29	20.79
STANDARD DEVIATION			12.78	19.47	6.89	10.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/06/2004(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 %	05/28/2004	01	P	ZEAMD	16	RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/28/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/28/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/28/2004	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	DATST	CON %	05/28/2004	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOHE	CON %	05/28/2004	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/17/2004	01	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/17/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/17/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/17/2004	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	DATST	CON %	06/17/2004	05	P	DATST	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	06/17/2004	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	06/17/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	CON %	07/09/2004	01	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	07/09/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	07/09/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/09/2004	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	DATST	CON %	07/09/2004	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	IPOHE	CON %	07/09/2004	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	07/09/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SIDSP	CON %	07/09/2004	08	P	SIDSP	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	YIELD	BU/ACRE	10/25/2004	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 BU	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 715 RR

* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED