

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/15/03	AME
AIR TEMPERATURE	68	F
% REL.HUMIDITY	45	
WIND DIRECTION	NORTHWEST	
WIND SPEED		M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
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	
*** PEST ***		
CORN, DENT	---/01	
DEKALB 6410 RR	/	IN
05/13/2003		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: Preemergence herbicide programs in corn - 2405
CREATED: 04/27/2003 **REVISED:** 11/21/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 32.00 FT **LONG**

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	DATST	AMARE	IPOHE
NUM	COMPONENT	RATE	UNIT	TM	BU/A	CON %	CON %	CON %	CON %
					06/12/03	06/12/03	06/12/03	06/12/03	06/12/03
1A	CHECK	0.00	NA	0	0	0	0	0	0
2A	»LUMAX 3.9L	2.46	LAA	9	0	87	99	99	83
3A	»LUMAX 3.9L	2.46	LAA	9	0	94	99	99	92
	B ATRAZINE DF	1.00	LAA	9					
4A	»LUMAX 3.9L	2.46	LAA	9	0	93	99	99	87
	B PRINCEP 4L	1.00	LAA	9					
5A	»BICEP II MAGNU	2.89	LAA	9	0	92	99	99	80
6A	HARNESS XTRA	3.40	LAA	9	0	96	99	99	83
7A	»EPIC 58DF	0.29	LAA	9	0	85	91	99	68
8A	»KEYSTONE 5.25L	3.48	LAA	9	0	98	99	99	87
9A	»KEYSTONE 5.25L	3.48	LAA	9	0	95	99	99	92
	B»HORNET 68.5WG	0.128	LAA	9					
10A	»KEYSTONE 5.25L	1.70	LAA	9	0	98	99	99	90
	B»BALANCE PRO 4S	0.07	LAA	9					
11A	»STALWART C 7.8	1.59	LAA	9	0	79	80	99	0
12A	»STALWART EXTRA	2.89	LAA	9	0	85	99	99	80
13A	»GUARDS MAX 5L	2.50	LAA	9	0	92	99	99	77
14A	»BICEP II MAGNU	3.58	LAA	9	0	89	99	99	80
15A	»FULTIME 4SC	3.00	LAA	9	0	93	99	99	80
	B»HORNET 68.5WG	0.128	LAA	9					
16A	»GUARDS MAX 5L	2.50	LAA	9	0	96	99	99	98
	B»BALANCE PRO 4S	0.047	LAA	9					
17A	»DEFINE 60DF	0.45	LAA	9	0	94	99	99	75
	B»BALANCE PRO 4S	0.07	LAA	9					
18A	»BALANCE PRO 4S	0.07	LAA	9	0	98	99	99	88
	B ATRAZINE DF	1.50	LAA	9					
19A	»DEFINE 60DF	0.45	LAA	9	0	98	99	99	88
	B»BALANCE PRO 4S	0.07	LAA	9					
	C ATRAZINE DF	1.50	LAA	9					
20A	»EPIC 58DF	0.29	LAA	9	0	95	99	99	72
	B ATRAZINE DF	1.50	LAA	9					
21A	»KIH-485 3.57L	0.15	LAA	9	0	79	99	99	95
	B ATRAZINE DF	1.50	LAA	9					
LSD (0.05)					0.00	6.53	6.78	0.00	6.00
STANDARD DEVIATION					0.00	3.23	3.36	0.00	3.00
									10.64
									5.26

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TRT	TREATMENT	DOSAGE		POLPY	ZEAMD	SETFA	CHEAL	DATST	AMARE
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/12/03	07/13/03	07/13/03	07/13/03	07/13/03
1A	CHECK	0.00	NA	0	0	0	0	0	0
2A	LUMAX 3.9L	2.46	LAA	9	99	0	76	99	99
3A	LUMAX 3.9L	2.46	LAA	9	99	0	93	99	99
	B ATRAZINE DF	1.00	LAA	9					
4A	LUMAX 3.9L	2.46	LAA	9	99	0	88	99	99
	B PRINCEP 4L	1.00	LAA	9					
5A	BICEP II MAGNU	2.89	LAA	9	99	0	82	99	99
6A	HARNESS XTRA	3.40	LAA	9	99	0	90	99	99
7A	EPIC 58DF	0.29	LAA	9	99	0	81	91	99
8A	KEYSTONE 5.25L	3.48	LAA	9	99	0	93	99	99
9A	KEYSTONE 5.25L	3.48	LAA	9	99	0	91	99	99
	B HORNET 68.5WG	0.128	LAA	9					
10A	KEYSTONE 5.25L	1.70	LAA	9	99	0	95	99	99
	B BALANCE PRO 4S	0.07	LAA	9					
11A	STALWART C 7.8	1.59	LAA	9	99	0	70	72	99
12A	STALWART EXTRA	2.89	LAA	9	99	0	78	99	99
13A	GUARDS MAX 5L	2.50	LAA	9	99	0	78	99	99
14A	BICEP II MAGNU	3.58	LAA	9	99	0	86	99	99
15A	FULTIME 4SC	3.00	LAA	9	99	0	81	99	99
	B HORNET 68.5WG	0.128	LAA	9					
16A	GUARDS MAX 5L	2.50	LAA	9	99	0	93	99	99
	B BALANCE PRO 4S	0.047	LAA	9					
17A	DEFINE 60DF	0.45	LAA	9	99	0	92	99	99
	B BALANCE PRO 4S	0.07	LAA	9					
18A	BALANCE PRO 4S	0.07	LAA	9	99	0	90	99	99
	B ATRAZINE DF	1.50	LAA	9					
19A	DEFINE 60DF	0.45	LAA	9	99	0	96	99	99
	B BALANCE PRO 4S	0.07	LAA	9					
	C ATRAZINE DF	1.50	LAA	9					
20A	EPIC 58DF	0.29	LAA	9	99	0	96	99	99
	B ATRAZINE DF	1.50	LAA	9					
21A	KIH-485 3.57L	0.15	LAA	9	99	0	82	99	99
	B ATRAZINE DF	1.50	LAA	9					
LSD (0.05)					0.00	0.00	8.39	4.07	0.00
STANDARD DEVIATION					0.00	0.00	4.15	2.00	0.00
									6.00
									3.00

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TRT	TREATMENT	DOSAGE		IPOHE	POLPY	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	BU/A
			TM	07/13/03	07/13/03	10/17/03
1A	CHECK	0.00	NA	0	0	159.2
2A	LUMAX 3.9L	2.46	LAA	9	75	99
3A	LUMAX 3.9L	2.46	LAA	9	87	99
B	ATRAZINE DF	1.00	LAA	9		222.1
4A	LUMAX 3.9L	2.46	LAA	9	83	99
B	PRINCEP 4L	1.00	LAA	9		229.6
5A	BICEP II MAGNU	2.89	LAA	9	82	99
6A	HARNESS XTRA	3.40	LAA	9	82	99
7A	EPIC 58DF	0.29	LAA	9	68	98
8A	KEYSTONE 5.25L	3.48	LAA	9	85	96
9A	KEYSTONE 5.25L	3.48	LAA	9	90	99
B	HORNET 68.5WG	0.128	LAA	9		231.0
10A	KEYSTONE 5.25L	1.70	LAA	9	90	99
B	BALANCE PRO 4S	0.07	LAA	9		214.9
11A	STALWART C 7.8	1.59	LAA	9	0	99
12A	STALWART EXTRA	2.89	LAA	9	85	99
13A	GUARDS MAX 5L	2.50	LAA	9	77	99
14A	BICEP II MAGNU	3.58	LAA	9	85	99
15A	FULTIME 4SC	3.00	LAA	9	83	99
B	HORNET 68.5WG	0.128	LAA	9		239.3
16A	GUARDS MAX 5L	2.50	LAA	9	90	99
B	BALANCE PRO 4S	0.047	LAA	9		225.2
17A	DEFINE 60DF	0.45	LAA	9	73	99
B	BALANCE PRO 4S	0.07	LAA	9		234.2
18A	BALANCE PRO 4S	0.07	LAA	9	78	99
B	ATRAZINE DF	1.50	LAA	9		229.9
19A	DEFINE 60DF	0.45	LAA	9	90	99
B	BALANCE PRO 4S	0.07	LAA	9		230.3
C	ATRAZINE DF	1.50	LAA	9		
20A	EPIC 58DF	0.29	LAA	9	80	99
B	ATRAZINE DF	1.50	LAA	9		234.6
21A	KIH-485 3.57L	0.15	LAA	9	80	99
B	ATRAZINE DF	1.50	LAA	9		236.0
LSD (0.05)				9.83	1.21	23.00
STANDARD DEVIATION				4.87	0.596	11.38

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/15/2003(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	BU/A	06/12/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
002	SETFA	CON %	06/12/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	DATST	CON %	06/12/2003	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMARE	CON %	06/12/2003	05	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOHE	CON %	06/12/2003	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	POLPY	CON %	06/12/2003	07	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	07/13/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/13/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/13/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	DATST	CON %	07/13/2003	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMARE	CON %	07/13/2003	05	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	IPOHE	CON %	07/13/2003	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	POLPY	CON %	07/13/2003	07	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	YIELD	BU/A	10/17/2003	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 6410 RR