

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	02	UNIT
TIMINGS	09	10	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/03/02	06/14/02	AME
AIR TEMPERATURE	88	66	F
% REL.HUMIDITY	48	58	
WIND DIRECTION	WEST	NORTHWEST	
WIND SPEED	7.5	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
VELVETLEAF	NA/01 /	MED/10 0.50/0.50	IN
LAMBSQUARTERS, C	NA/01 /	MED/12 0.25/0.25	IN
JIMSONWEED	NA/01 /	MED/10 0.50/0.50	IN
MORNINGGLORY, IV	NA/01 /	MED/10 0.75/0.75	IN
FOXTAIL, GIANT	NA/01 /	HGH/12 0.50/0.50	IN
SIDA, PRICKLY, T	NA/01 /	MED/10 0.50/0.50	IN
COCKLEBUR, COMMO	NA/01 /	LOW/12 1.00/1.00	IN
CORN, DENT ASGROW 738RR 06/01/2002	NA/01 /	NA/13 5.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
10 = ----- / VEPOST

* STAGE CODE

01 = BEGINNING OF IMBIBITION
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED

DATA MEAN

TITLE: Pre and early post one pass systems in corn 2405

CREATED: 04/17/2002 REVISED: 11/25/2002

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	DOSAGE			ZEAMD	ZEAMD	SETFA	ABUTH	CHEAL	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/18/02	07/08/02	07/08/02	07/08/02	07/08/02	07/08/02
1A»	BICEP II MAGNU	2.89	LAA	9		0	93	93	99	91
2A»	BICEP II MAGNU	3.30	LAA	9		0	97	96	99	85
3A»	DEGREE XTRA 4S	3.23	LAA	9		0	95	91	99	88
4A»	HARNESS EXTRA	2.80	LAA	9		0	97	91	99	88
5A»	GUARDS MAX 5L	2.88	LAA	9		0	99	94	99	89
6A»	FULTIME 4SC	3.33	LAA	9		0	92	93	99	99
7A»	KEYSTONE LA 5.	2.75	LAA	9		0	92	91	99	81
8A»	KEYSTONE 5.1L	3.50	LAA	9		0	98	92	99	98
9A»	FULTIME 4SC	3.00	LAA	9		0	99	99	99	96
	B»HORNET 68.5WG	0.112	LAA	9						
10A»	AXIOM	0.72	LAA	9		0	83	99	99	92
	B ATRAZINE DF	1.50	LAA	9						
11A	CHECK	0.00	NA	0		0	0	0	0	0
12A»	TOPNOTCH	2.00	LAA	9		0	88	98	99	94
	B»HORNET 68.5WG	0.112	LAA	9						
13A»	CAMIX 3.66L	1.46	LAA	9		0	72	99	99	72
14A»	CAMIX 3.66L	1.83	LAA	9		0	82	99	99	98
15A»	CAMIX 3.66L	2.20	LAA	9		0	83	98	99	99
16A»	GF-688 3.5L	1.75	LAA	9		0	77	99	99	99
17A»	EPIC 58DF	0.54	LAA	9		0	79	99	99	93
18A»	BALANCE PRO 4S	0.094	LAA	9		0	96	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
19A»	EPIC 58DF	0.44	LAA	9		0	92	99	99	95
	B ATRAZINE DF	1.25	LAA	9						
20A»	USA 2001 71.5W	0.54	LAA	9		0	94	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
21A»	USA 2001 71.5W	0.67	LAA	9		0	93	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
22A»	EPIC 58DF	0.25	LAA	9		0	95	99	99	96
	B»AXIOM	0.38	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
23A»	LUMAX 3.9L	1.97	LAA	9		0	85	98	99	99
24A»	LUMAX 3.9L	2.46	LAA	9		0	87	99	99	99
25A»	LUMAX 3.9L	2.95	LAA	9		0	94	99	99	99
26A»	GUARDS MAX 5L	2.50	LAA	9		0	99	99	99	99
	B»BALANCE PRO 4S	0.047	LAA	9						
27A	ACCENT 75WG	0.016	LAA	10	17	0	70	99	99	94
	B»LUMAX 3.9L	2.46	LAA	10						
	C»COC	1.00	PMV	10						

DATA MEAN

TITLE: Pre and early post one pass systems in corn 2405

TRT	TREATMENT	DOSAGE		ZEAMD	ZEAMD	SETFA	ABUTH	CHEAL	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/18/02	07/08/02	07/08/02	07/08/02	07/08/02	07/08/02
28A	ACCENT 75WG	0.016	LAA 10	20	0	70	99	99	96
	B»LUMAX 3.9L	2.95	LAA 10						
	C»COC	1.00	PMV 10						
29A	ACCENT 75WG	0.016	LAA 10	7	0	68	98	93	83
	B»CAMIX 3.66L	1.83	LAA 10						
	C»COC	1.00	PMV 10						
30A	ACCENT 75WG	0.016	LAA 10	8	0	65	99	89	96
	B»CAMIX 3.66L	2.20	LAA 10						
	C»COC	1.00	PMV 10						
31A»	OUTLOOK 6EC	0.84	LAA 9	5	0	93	99	99	94
	B MARKSMAN SC	1.20	LAA 10						
	C»LIQUID AMS	2.50	PMV 10						
32A	MARKSMAN SC	1.20	LAA 10	7	0	55	96	99	93
	B»OPTION 35WDG	0.022	LAA 10						
	C»MSO	1.00	PMV 10						
	D 28% UAN	2.50	LAA 10						
LSD (0.05)				1.63	0.00	8.42	8.07	1.60	12.60
STANDARD DEVIATION				0.814	0.00	4.21	4.00	0.799	6.30

DATA MEAN

TITLE: Pre and early post one pass systems in corn 2405

CREATED: 04/17/2002 REVISED: 11/25/2002

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	DOSAGE		DATST	SIDSP	IPOHE	ZEAMD	SETFA	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/08/02	07/08/02	07/08/02	08/01/02	08/01/02
1A»	BICEP II MAGNU	2.89	LAA	9	96	96	77	0	93
2A»	BICEP II MAGNU	3.30	LAA	9	98	99	89	0	96
3A»	DEGREE XTRA 4S	3.23	LAA	9	98	98	91	0	93
4A»	HARNESS EXTRA	2.80	LAA	9	96	98	77	0	93
5A»	GUARDS MAX 5L	2.88	LAA	9	98	99	91	0	96
6A»	FULTIME 4SC	3.33	LAA	9	97	99	86	0	95
7A»	KEYSTONE LA 5.	2.75	LAA	9	93	99	77	0	92
8A»	KEYSTONE 5.1L	3.50	LAA	9	96	98	85	0	96
9A»	FULTIME 4SC	3.00	LAA	9	98	99	89	0	96
	B»HORNET 68.5WG	0.112	LAA	9					
10A»	AXIOM	0.72	LAA	9	92	93	80	0	87
	B ATRAZINE DF	1.50	LAA	9					
11A	CHECK	0.00	NA	0	0	0	0	0	0
12A»	TOPNOTCH	2.00	LAA	9	99	99	80	0	94
	B»HORNET 68.5WG	0.112	LAA	9					
13A»	CAMIX 3.66L	1.46	LAA	9	99	99	65	0	76
14A»	CAMIX 3.66L	1.83	LAA	9	98	99	86	0	85
15A»	CAMIX 3.66L	2.20	LAA	9	98	99	90	0	91
16A»	GF-688 3.5L	1.75	LAA	9	99	99	85	0	90
17A»	EPIC 58DF	0.54	LAA	9	96	99	73	0	87
18A»	BALANCE PRO 4S	0.094	LAA	9	98	99	87	0	95
	B ATRAZINE DF	1.00	LAA	9					
19A»	EPIC 58DF	0.44	LAA	9	99	99	90	0	96
	B ATRAZINE DF	1.25	LAA	9					
20A»	USA 2001 71.5W	0.54	LAA	9	99	99	98	0	98
	B ATRAZINE DF	1.50	LAA	9					
21A»	USA 2001 71.5W	0.67	LAA	9	99	99	99	0	95
	B ATRAZINE DF	1.50	LAA	9					
22A»	EPIC 58DF	0.25	LAA	9	99	99	96	0	93
	B»AXIOM	0.38	LAA	9					
	C ATRAZINE DF	1.50	LAA	9					
23A»	LUMAX 3.9L	1.97	LAA	9	96	99	88	0	87
24A»	LUMAX 3.9L	2.46	LAA	9	99	99	99	0	95
25A»	LUMAX 3.9L	2.95	LAA	9	99	99	98	0	97
26A»	GUARDS MAX 5L	2.50	LAA	9	99	99	99	0	99
	B»BALANCE PRO 4S	0.047	LAA	9					
27A	ACCENT 75WG	0.016	LAA	10	99	98	95	0	77
	B»LUMAX 3.9L	2.46	LAA	10					
	C»COC	1.00	PMV	10					

DATA MEAN

TITLE: Pre and early post one pass systems in corn 2405

TRT	TREATMENT	DOSAGE		DATST	SIDSP	IPOHE	ZEAMD	SETFA	ABUTH
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/08/02	07/08/02	07/08/02	08/01/02	08/01/02	08/01/02
28A	ACCENT 75WG	0.016	LAA 10	99	96	95	0	80	98
	B»LUMAX 3.9L	2.95	LAA 10						
	C»COC	1.00	PMV 10						
29A	ACCENT 75WG	0.016	LAA 10	96	98	91	0	75	99
	B»CAMIX 3.66L	1.83	LAA 10						
	C»COC	1.00	PMV 10						
30A	ACCENT 75WG	0.016	LAA 10	99	95	83	0	72	99
	B»CAMIX 3.66L	2.20	LAA 10						
	C»COC	1.00	PMV 10						
31A»	OUTLOOK 6EC	0.84	LAA 9	95	98	98	0	95	99
	B MARKSMAN SC	1.20	LAA 10						
	C»LIQUID AMS	2.50	PMV 10						
32A	MARKSMAN SC	1.20	LAA 10	90	96	95	0	47	98
	B»OPTION 35WDG	0.022	LAA 10						
	C»MSO	1.00	PMV 10						
	D 28% UAN	2.50	LAA 10						
LSD (0.05)				4.63	3.59	12.88	0.00	6.00	8.17
STANDARD DEVIATION				2.31	1.79	6.44	0.00	3.00	4.13

DATA MEAN

TITLE: Pre and early post one pass systems in corn 2405

CREATED: 04/17/2002 REVISED: 11/25/2002

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	DOSAGE		CHEAL	XANST	DATST	IPOHE	SIDSP	ZEAMD
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					08/01/02	08/01/02	08/01/02	08/01/02	10/09/02
1A»	BICEP II MAGNU	2.89	LAA	9	99	88	98	82	96
2A»	BICEP II MAGNU	3.30	LAA	9	99	89	96	80	96
3A»	DEGREE XTRA 4S	3.23	LAA	9	99	88	98	80	96
4A»	HARNESS EXTRA	2.80	LAA	9	99	88	95	77	96
5A»	GUARDS MAX 5L	2.88	LAA	9	99	90	99	77	96
6A»	FULTIME 4SC	3.33	LAA	9	99	98	95	82	98
7A»	KEYSTONE LA 5.	2.75	LAA	9	99	73	91	77	96
8A»	KEYSTONE 5.1L	3.50	LAA	9	99	98	93	80	96
9A»	FULTIME 4SC	3.00	LAA	9	99	93	99	85	96
	B»HORNET 68.5WG	0.112	LAA	9					
10A»	AXIOM	0.72	LAA	9	99	93	91	72	93
	B ATRAZINE DF	1.50	LAA	9					
11A	CHECK	0.00	NA	0	0	0	0	0	0
12A»	TOPNOTCH	2.00	LAA	9	99	88	96	78	96
	B»HORNET 68.5WG	0.112	LAA	9					
13A»	CAMIX 3.66L	1.46	LAA	9	96	68	93	72	93
14A»	CAMIX 3.66L	1.83	LAA	9	99	99	94	88	99
15A»	CAMIX 3.66L	2.20	LAA	9	99	99	99	90	99
16A»	GF-688 3.5L	1.75	LAA	9	99	99	99	83	98
17A»	EPIC 58DF	0.54	LAA	9	99	96	98	80	98
18A»	BALANCE PRO 4S	0.094	LAA	9	99	99	99	90	99
	B ATRAZINE DF	1.00	LAA	9					
19A»	EPIC 58DF	0.44	LAA	9	99	95	98	87	99
	B ATRAZINE DF	1.25	LAA	9					
20A»	USA 2001 71.5W	0.54	LAA	9	99	99	98	97	99
	B ATRAZINE DF	1.50	LAA	9					
21A»	USA 2001 71.5W	0.67	LAA	9	99	99	99	95	99
	B ATRAZINE DF	1.50	LAA	9					
22A»	EPIC 58DF	0.25	LAA	9	99	99	99	92	99
	B»AXIOM	0.38	LAA	9					
	C ATRAZINE DF	1.50	LAA	9					
23A»	LUMAX 3.9L	1.97	LAA	9	99	98	99	92	96
24A»	LUMAX 3.9L	2.46	LAA	9	99	99	99	93	99
25A»	LUMAX 3.9L	2.95	LAA	9	99	99	99	98	99
26A»	GUARDS MAX 5L	2.50	LAA	9	99	99	99	96	99
	B»BALANCE PRO 4S	0.047	LAA	9					
27A	ACCENT 75WG	0.016	LAA	10	99	96	99	96	99
	B»LUMAX 3.9L	2.46	LAA	10					
	C»COC	1.00	PMV	10					

DATA MEAN

TITLE: Pre and early post one pass systems in corn 2405

TRT	TREATMENT	DOSAGE	CHEAL	XANST	DATST	IPOHE	SIDSP	ZEAMD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	08/01/02	08/01/02	08/01/02	08/01/02	10/09/02
28A	ACCENT 75WG	0.016	LAA 10	99	96	99	92	99
	B»LUMAX 3.9L	2.95	LAA 10					159.4
	C»COC	1.00	PMV 10					
29A	ACCENT 75WG	0.016	LAA 10	99	96	98	85	91
	B»CAMIX 3.66L	1.83	LAA 10					152.0
	C»COC	1.00	PMV 10					
30A	ACCENT 75WG	0.016	LAA 10	96	96	99	87	87
	B»CAMIX 3.66L	2.20	LAA 10					167.4
	C»COC	1.00	PMV 10					
31A»	OUTLOOK 6EC	0.84	LAA 9	99	92	96	95	96
	B MARKSMAN SC	1.20	LAA 10					149.4
	C»LIQUID AMS	2.50	PMV 10					
32A	MARKSMAN SC	1.20	LAA 10	98	90	90	90	99
	B»OPTION 35WDG	0.022	LAA 10					154.3
	C»MSO	1.00	PMV 10					
	D 28% UAN	2.50	LAA 10					
LSD (0.05)				2.23	12.71	5.91	13.48	5.69
STANDARD DEVIATION				1.13	6.42	3.00	6.81	2.87
								17.08
								8.63

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 06/03/2002(1)

10 = ----- / VEPOST 06/14/2002(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	CON %	06/18/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	ZEAMD	CON %	07/08/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	SETFA	CON %	07/08/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ABUTH	CON %	07/08/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	CHEAL	CON %	07/08/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	XANST	CON %	07/08/2002	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	DATST	CON %	07/08/2002	08	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SIDSP	CON %	07/08/2002	06	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	IPOHE	CON %	07/08/2002	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ZEAMD	CON %	08/01/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	SETFA	CON %	08/01/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	ABUTH	CON %	08/01/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	CHEAL	CON %	08/01/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	XANST	CON %	08/01/2002	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	DATST	CON %	08/01/2002	08	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	IPOHE	CON %	08/01/2002	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	SIDSP	CON %	08/01/2002	06	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	ZEAMD	CON %	10/09/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR