

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	10	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/30/03	06/19/03	AME
AIR TEMPERATURE	67	70	F
% REL.HUMIDITY	70	72	
WIND DIRECTION	SOUTH	NORTH	
WIND SPEED	8.0	9.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT		---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/11	
ASGROW 738RR		4.00/4.00	IN
05/28/2003			
*** PEST ***			
WATERHEMP, COMMO		---/13	
		1.00/1.00	IN
CRABGRASS, LARGE		---/11	
		1.00/1.00	IN
PANICUM, FALL		---/11	
		0.50/0.50	IN
SMARTWEED, PENNS		---/16	
		1.00/2.00	IN
SIDA, PRICKLY, T		---/10	
		0.50/0.50	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT Corn split shot Waterhemp control 800
CREATED: 05/22/2003 **REVISED:** 12/12/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BTOWN 800 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	PANDI	AMATA	POLPY	SIDSP	DIGSA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/11/03	06/11/03	06/11/03	06/11/03	06/11/03
1A»	LUMAX 3.9L	1.22	LAA	9	0	82	99	93	88
B»	LUMAX 3.9L	1.22	LAA	10					99
C»	COC	1.00	PMV	10					
2A»	BICEP II MAGNU	2.20	LAA	9	0	92	99	95	96
B»	BICEP II MAGNU	1.38	LAA	10					
C»	COC	1.00	PMV	10					
3A»	BICEP II MAGNU	2.20	LAA	9	0	94	99	95	95
B»	LUMAX 3.9L	1.22	LAA	10					99
C»	COC	1.00	PMV	10					
4A»	GUARDS MAX 5L	1.25	LAA	9	0	95	99	99	95
B»	GUARDS MAX 5L	1.25	LAA	10					96
C»	COC	1.00	PMV	10					
5A»	GUARDS MAX 5L	1.25	LAA	9	0	90	99	99	96
B»	GUARDS MAX 5L	1.25	LAA	10					96
C	MARKSMAN SC	1.20	LAA	10					
D»	COC	1.00	PMV	10					
6A»	LUMAX 3.9L	2.44	LAA	9	0	98	99	96	99
7A»	BICEP II MAGNU	3.58	LAA	9	0	98	99	99	99
8A»	DEGREE XTRA 4S	2.00	LAA	9	0	95	99	95	96
B»	DEGREE XTRA 4S	1.20	LAA	10					99
C»	COC	1.00	PMV	10					
9A»	HARNESS EXTRA	2.15	LAA	9	0	95	99	99	99
B»	HARNESS EXTRA	1.35	LAA	10					
C»	COC	1.00	PMV	10					
10A»	DEGREE XTRA 4S	2.00	LAA	9	0	97	99	96	99
B»	HARNESS EXTRA	1.35	LAA	10					
C»	COC	1.00	PMV	10					
11A»	DEGREE XTRA 4S	3.20	LAA	9	0	99	99	99	99
12A»	HARNESS EXTRA	3.49	LAA	9	0	99	99	99	99
LSD (0.05)					0.00	4.22	0.00	2.05	3.40
STANDARD DEVIATION					0.00	2.00	0.00	1.00	1.64
									1.77
									0.853

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	PANDI	AMATA	POLPY	SIDSP	DIGSA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/11/03	07/11/03	07/11/03	07/11/03	07/11/03	07/11/03
1A»	LUMAX 3.9L	1.22	LAA 9	0	75	99	98	99	99
B»	LUMAX 3.9L	1.22	LAA 10						
C»	COC	1.00	PMV 10						
2A»	BICEP II MAGNU	2.20	LAA 9	0	85	99	95	96	92
B»	BICEP II MAGNU	1.38	LAA 10						
C»	COC	1.00	PMV 10						
3A»	BICEP II MAGNU	2.20	LAA 9	0	92	99	96	99	99
B»	LUMAX 3.9L	1.22	LAA 10						
C»	COC	1.00	PMV 10						
4A»	GUARDS MAX 5L	1.25	LAA 9	0	96	99	99	95	96
B»	GUARDS MAX 5L	1.25	LAA 10						
C»	COC	1.00	PMV 10						
5A»	GUARDS MAX 5L	1.25	LAA 9	0	96	99	99	96	99
B»	GUARDS MAX 5L	1.25	LAA 10						
C	MARKSMAN SC	1.20	LAA 10						
D»	COC	1.00	PMV 10						
6A»	LUMAX 3.9L	2.44	LAA 9	0	98	99	99	99	99
7A»	BICEP II MAGNU	3.58	LAA 9	0	99	96	99	96	96
8A»	DEGREE XTRA 4S	2.00	LAA 9	0	96	99	99	96	96
B»	DEGREE XTRA 4S	1.20	LAA 10						
C»	COC	1.00	PMV 10						
9A»	HARNESS EXTRA	2.15	LAA 9	0	99	99	99	99	99
B»	HARNESS EXTRA	1.35	LAA 10						
C»	COC	1.00	PMV 10						
10A»	DEGREE XTRA 4S	2.00	LAA 9	0	99	99	99	99	99
B»	HARNESS EXTRA	1.35	LAA 10						
C»	COC	1.00	PMV 10						
11A»	DEGREE XTRA 4S	3.20	LAA 9	0	96	99	99	98	95
12A»	HARNESS EXTRA	3.49	LAA 9	0	97	96	99	99	95
LSD (0.05)				0.00	3.81	1.63	1.56	2.43	3.13
STANDARD DEVIATION				0.00	1.84	0.787	0.752	1.17	1.51

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LOCATION: BTOWN 800 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT TREATMENT	DOSAGE	ZEAMD	PANDI	AMATA	POLPY	SIDSP	DIGSA
NUM COMPONENT	RATE UNIT TM	CON % 08/12/03	CON % 08/12/03	CON % 08/12/03	CON % 08/12/03	CON % 08/12/03	CON % 08/12/03
1A»LUMAX 3.9L	1.22 LAA 9	0	60	99	97	99	99
B»LUMAX 3.9L	1.22 LAA 10						
C»COC	1.00 PMV 10						
2A»BICEP II MAGNU	2.20 LAA 9	0	73	99	95	97	87
B»BICEP II MAGNU	1.38 LAA 10						
C»COC	1.00 PMV 10						
3A»BICEP II MAGNU	2.20 LAA 9	0	85	99	97	99	99
B»LUMAX 3.9L	1.22 LAA 10						
C»COC	1.00 PMV 10						
4A»GUARDS MAX 5L	1.25 LAA 9	0	95	90	99	95	96
B»GUARDS MAX 5L	1.25 LAA 10						
C»COC	1.00 PMV 10						
5A»GUARDS MAX 5L	1.25 LAA 9	0	97	99	99	99	99
B»GUARDS MAX 5L	1.25 LAA 10						
C MARKSMAN SC	1.20 LAA 10						
D»COC	1.00 PMV 10						
6A»LUMAX 3.9L	2.44 LAA 9	0	94	99	99	96	99
7A»BICEP II MAGNU	3.58 LAA 9	0	96	92	99	98	90
8A»DEGREE XTRA 4S	2.00 LAA 9	0	96	99	99	96	96
B»DEGREE XTRA 4S	1.20 LAA 10						
C»COC	1.00 PMV 10						
9A»HARNESS EXTRA	2.15 LAA 9	0	99	99	99	99	99
B»HARNESS EXTRA	1.35 LAA 10						
C»COC	1.00 PMV 10						
10A»DEGREE XTRA 4S	2.00 LAA 9	0	98	99	99	99	99
B»HARNESS EXTRA	1.35 LAA 10						
C»COC	1.00 PMV 10						
11A»DEGREE XTRA 4S	3.20 LAA 9	0	96	99	99	96	92
12A»HARNESS EXTRA	3.49 LAA 9	0	96	96	99	96	92
LSD (0.05)		0.00	7.33	1.85	1.32	2.52	2.72
STANDARD DEVIATION		0.00	3.53	0.89	0.636	1.21	1.31

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 05/30/2003(1)

10 = ----- / VEPOST 06/19/2003(2)

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 %	06/11/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PANDI	CON %	06/11/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/11/2003	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	06/11/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SIDSP	CON %	06/11/2003	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	DIGSA	CON %	06/11/2003	06	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/11/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PANDI	CON %	07/11/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/11/2003	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	07/11/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SIDSP	CON %	07/11/2003	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	DIGSA	CON %	07/11/2003	06	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	08/12/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PANDI	CON %	08/12/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BT Corn split shot Waterhemp control 800

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
015	AMATA	CON %	08/12/2003	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	POLPY	CON %	08/12/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SIDSP	CON %	08/12/2003	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	DIGSA	CON %	08/12/2003	06	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR