

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %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	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/22/00	06/07/00	AME
AIR TEMPERATURE	83	61	F
% REL. HUMIDITY	95	73	
WIND DIRECTION	WEST	NORTHWEST	
WIND SPEED	2.0	7.0	M/H
CLOUD COVER	OVERCAST	OVERCAST	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	COMPACT	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
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			
*** CROP *** CORN, DENT ASGROW 738RR 05/19/2000		---/01 5.00/5.00	IN
*** PEST *** WATERHEMP, COMMO		HGH/10 0.25/0.25	IN
FOXTAIL, GIANT		MED/01 /	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

01 = BEGINNING OF IMBIBITION
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED

TITLE: BCWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN BROWNSTOWN
CREATED: 05/19/2000 **REVISED:** 10/03/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BROWNSTOWN **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
		RATE	UNIT		05/30/00	05/30/00	05/30/00	06/19/00	06/07/00	06/07/00
1A»	BICEP II MAGNU	1.47	LAA	9	0	99	99	0	99	98
	B»BICEP II MAGNU	0.78	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
2A»	BICEP II MAGNU	2.21	LAA	9	0	99	69	0	99	99
3A»	DUAL II MAGNUM	0.85	LAA	9	0	99	99	0	96	99
	B»DUAL II MAGNUM	0.42	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
4A»	DUAL II MAGNUM	1.27	LAA	9	0	99	99	0	96	96
5A	PROWL 3.3EC	0.83	LAA	9	0	99	99	0	95	99
	B ATRAZINE DF	1.00	LAA	9						
	C PROWL 3.3EC	0.41	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E CLARITY	0.25	LAA	11						
	F 28% UAN	2.50	PMV	11						
6A	PROWL 3.3EC	1.24	LAA	9	0	99	99	0	99	99
	B ATRAZINE DF	1.50	LAA	9						
7A	PROWL 3.3EC	1.24	LAA	9	0	99	99	0	95	62
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	PROWL 3.3EC	1.24	LAA	9	0	99	99	0	96	13
10A»	FULTIME 4SC	2.00	LAA	9	0	99	99	0	99	99
	B»FULTIME 4SC	1.00	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
11A»	FULTIME 4SC	3.00	LAA	9	0	99	99	0	99	99
12A	TOPNOTCH (3.2C	1.20	LAA	9	0	99	99	0	99	99
	B TOPNOTCH (3.2C	0.60	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
13A	TOPNOTCH (3.2C	1.80	LAA	9	0	99	99	0	99	96
14A»	GUARDSMAN	1.46	LAA	9	0	99	99	0	99	99
	B»GUARDSMAN	0.73	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
15A»	GUARDSMAN	2.19	LAA	9	0	99	99	0	99	96
16A»	FRONTIER 6.0EC	0.63	LAA	9	0	99	99	0	98	99
	B»FRONTIER 6.0EC	0.31	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
17A»	FRONTIER 6.0EC	0.94	LAA	9	0	99	99	0	99	92
18A»	DEGREE 3.8SC	1.20	LAA	9	0	99	99	0	99	99
	B»DEGREE 3.8SC	0.60	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						
19A»	DEGREE 3.8SC	1.80	LAA	9	0	99	99	0	97	98
20A»	DEGREE XTRA 4S	1.93	LAA	9	0	99	99	0	99	94
	B»DEGREE XTRA 4S	0.97	LAA	11						
	C CLARITY	0.25	LAA	11						
	D 28% UAN	2.50	PMV	11						

TITLE: BCWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN BROWNSTOWN

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA	
		RATE	UNIT		05/30/00	05/30/00	05/30/00	06/19/00	06/07/00	06/07/00	
21A»	DEGREE XTRA 4S	2.90	LAA	9	0	99	99	0	99	99	
22A	HARNESS (7EC)	1.17	LAA	9	0	99	99	0	99	95	
	B HARNESS (7EC)	0.58	LAA	11							
	C CLARITY	0.25	LAA	11							
	D 28% UAN	2.50	PMV	11							
23A	HARNESS (7EC)	1.75	LAA	9	0	99	99	0	98	95	
24A	HARNESS XTRA	1.87	LAA	9	0	99	99	0	99	99	
	B HARNESS XTRA	0.93	LAA	11							
	C CLARITY	0.25	LAA	11							
	D 28% UAN	2.50	PMV	11							
25A	HARNESS XTRA	2.80	LAA	9	0	99	99	0	99	99	
26A	PRINCEP DF	1.50	LAA	9	0	99	99	0	99	99	
	B ATRAZINE DF	1.50	LAA	11							
	C CLARITY	0.25	LAA	11							
	D 28% UAN	2.50	PMV	11							
27A	PRINCEP DF	1.50	LAA	9	0	99	99	0	99	99	
	B ATRAZINE DF	1.50	LAA	9							
28A»	HAND WEEDED	0.00	NA	0	0	99	99	0	99	99	
	B»BICEP II MAGNU	2.89	LAA	9							
					LSD (0.05)	0.00	0.00	16.00	0.00	3.74	9.08
					STANDARD DEVIATION	0.00	0.00	8.00	0.00	1.87	4.54

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LOCATION: BROWNSTOWN **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA
		RATE	UNIT		06/27/00	06/27/00	06/27/00
1A	BICEP II MAGNU	1.47	LAA	9	0	95	98
B	BICEP II MAGNU	0.78	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
2A	BICEP II MAGNU	2.21	LAA	9	0	91	95
3A	DUAL II MAGNUM	0.85	LAA	9	0	94	98
B	DUAL II MAGNUM	0.42	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
4A	DUAL II MAGNUM	1.27	LAA	9	0	97	79
5A	PROWL 3.3EC	0.83	LAA	9	0	93	99
B	ATRAZINE DF	1.00	LAA	9			
C	PROWL 3.3EC	0.41	LAA	11			
D	ATRAZINE DF	0.50	LAA	11			
E	CLARITY	0.25	LAA	11			
F	28% UAN	2.50	PMV	11			
6A	PROWL 3.3EC	1.24	LAA	9	0	97	92
B	ATRAZINE DF	1.50	LAA	9			
7A	PROWL 3.3EC	1.24	LAA	9	0	87	52
8A	CHECK	0.00	NA	0	0	0	0
9A	PROWL 3.3EC	1.24	LAA	9	0	91	33
10A	FULTIME 4SC	2.00	LAA	9	0	99	99
B	FULTIME 4SC	1.00	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
11A	FULTIME 4SC	3.00	LAA	9	0	96	99
12A	TOPNOTCH (3.2C	1.20	LAA	9	0	98	99
B	TOPNOTCH (3.2C	0.60	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
13A	TOPNOTCH (3.2C	1.80	LAA	9	0	98	95
14A	GUARDSMAN	1.46	LAA	9	0	99	99
B	GUARDSMAN	0.73	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
15A	GUARDSMAN	2.19	LAA	9	0	99	99
16A	FRONTIER 6.0EC	0.63	LAA	9	0	99	95
B	FRONTIER 6.0EC	0.31	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
17A	FRONTIER 6.0EC	0.94	LAA	9	0	91	80
18A	DEGREE 3.8SC	1.20	LAA	9	0	90	99
B	DEGREE 3.8SC	0.60	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			
19A	DEGREE 3.8SC	1.80	LAA	9	0	86	98
20A	DEGREE XTRA 4S	1.93	LAA	9	0	91	99
B	DEGREE XTRA 4S	0.97	LAA	11			
C	CLARITY	0.25	LAA	11			
D	28% UAN	2.50	PMV	11			

TITLE: BCWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN BROWNSTOWN

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA
		RATE	UNIT	TM	06/27/00	06/27/00	06/27/00
21A»	DEGREE XTRA 4S	2.90	LAA	9	0	96	99
22A	HARNESS (7EC)	1.17	LAA	9	0	98	97
	B HARNESS (7EC)	0.58	LAA	11			
	C CLARITY	0.25	LAA	11			
	D 28% UAN	2.50	PMV	11			
23A	HARNESS (7EC)	1.75	LAA	9	0	91	75
24A	HARNESS XTRA	1.87	LAA	9	0	99	99
	B HARNESS XTRA	0.93	LAA	11			
	C CLARITY	0.25	LAA	11			
	D 28% UAN	2.50	PMV	11			
25A	HARNESS XTRA	2.80	LAA	9	0	99	99
26A	PRINCEP DF	1.50	LAA	9	0	99	99
	B ATRAZINE DF	1.50	LAA	11			
	C CLARITY	0.25	LAA	11			
	D 28% UAN	2.50	PMV	11			
27A	PRINCEP DF	1.50	LAA	9	0	96	98
	B ATRAZINE DF	1.50	LAA	9			
28A»	HAND WEEDED	0.00	NA	0	0	99	99
	B»BICEP II MAGNU	2.89	LAA	9			
LSD (0.05)					0.00	7.89	12.72
STANDARD DEVIATION					0.00	3.94	6.36

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/22/2000 (1)
 11 = ----- / EPOST 06/07/2000 (2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD		05/30/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		05/30/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA		05/30/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD		06/19/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA		06/07/2000	03	P	SETFA	01	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA		06/07/2000	02	P	AMATA	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		06/27/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		06/27/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA		06/27/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR

* STAGE CODE

01 = BEGINNING OF IMBIBITION
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED