

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.7  
%OM: 1.5  
PREV. CROP: GLXMA - SOYBEAN  
%RESIDUE: 0  
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
REPS: 4

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/05/03	07/01/03	07/11/03	07/14/03	AME
AIR TEMPERATURE	65	82	79	83	F
% REL. HUMIDITY	55	77	60	55	
WIND DIRECTION	NORTH	SOUTH	WEST	SOUTH	
WIND SPEED	6.0	3.0	8.0	4.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/14	---/15	---/16	
ASGROW 738RR		8.00/8.00	10.0/12.0	12.0/16.0	IN
06/04/2003					
*** PEST ***					
WATERHEMP, COMMO		---/16	---/18	---/19	
		2.00/4.00	4.00/6.00	4.00/8.00	IN
RAGWEED, COMMON		---/13	---/15	---/16	
		2.00/4.00	3.00/6.00	4.00/8.00	IN
SMARTWEED, PENNS		---/17	---/19	---/19	
		3.00/5.00	4.00/8.00	6.00/10.0	IN
SHATTERCANE, SOR		---/12	---/13	---/14	
		3.00/5.00	4.00/8.00	6.00/10.0	IN

\* TIMING CODES

09 = ----- / PRE  
12 = ----- / POST  
13 = ----- / LPOST  
14 = ----- / VLPOST

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4 LEAVES UNFOLDED  
15 = 5 LEAVES UNFOLDED  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** BT SHATTERCANE CONTROL IN RR CORN C-11  
**CREATED:** 06/05/2003 **REVISED:** 11/25/2003 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** C-11 SHATTERCANE **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 04

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	ZEAMD CON % 07/29/03	SORVU CON % 07/29/03	AMBEL CON % 07/29/03	AMATA CON % 07/29/03	POLPY CON % 07/29/03
1A ROUNDUP ULTRA	0.75 LAA	13	0	97	95	98	94
B»AMMONIUM SULFA	17.00 LAG	13					
2A ROUNDUP ULTRA	0.56 LAA	12	0	99	99	99	99
B»AMMONIUM SULFA	17.00 LAG	12					
C ROUNDUP ULTRA	0.56 LAA	13					
D»AMMONIUM SULFA	17.00 LAG	13					
3A CHECK	0.00 NA	0	0	0	0	0	0
4A PROWL 3.3EC	1.00 LAA	9	0	99	90	98	92
B ROUNDUP ULTRA	0.75 LAA	13					
C»AMMONIUM SULFA	17.00 LAG	13					
5A PROWL 3.3EC	1.00 LAA	9	0	99	99	98	99
B ROUNDUP ULTRA	0.56 LAA	12					
C»AMMONIUM SULFA	17.00 LAG	12					
D ROUNDUP ULTRA	0.56 LAA	13					
E»AMMONIUM SULFA	17.00 LAG	13					
6A PROWL 3.3EC	1.00 LAA	12	0	99	99	99	99
B ROUNDUP ULTRA	0.56 LAA	12					
C»AMMONIUM SULFA	17.00 LAG	12					
D ROUNDUP ULTRA	0.56 LAA	13					
E»AMMONIUM SULFA	17.00 LAG	13					
7A ROUNDUP ULTRA	0.56 LAA	12	0	99	99	99	98
B»AMMONIUM SULFA	17.00 LAG	12					
C ROUNDUP ULTRA	0.56 LAA	14					
D»AMMONIUM SULFA	17.00 LAG	14					
8A ROUNDUP ULTRA	0.56 LAA	12	0	99	99	99	99
B»AMMONIUM SULFA	17.00 LAG	12					
C ROUNDUP ULTRA	0.56 LAA	13					
D»AMMONIUM SULFA	17.00 LAG	13					
E ROUNDUP ULTRA	0.56 LAA	14					
F»AMMONIUM SULFA	17.00 LAG	14					
LSD (0.05)			0.00	1.20	2.19	1.77	3.53
STANDARD DEVIATION			0.00	0.577	1.05	0.852	1.69

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

09 = ----- / PRE 06/05/2003(1)  
 12 = ----- / POST 07/01/2003(2)  
 13 = ----- / LPOST 07/11/2003(3)  
 14 = ----- / VLPOST 07/14/2003(4)

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 %	07/29/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SORVU	CON %	07/29/2003	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	07/29/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/29/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	07/29/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR