

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	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/05/03	06/27/03	07/11/03	AME
AIR TEMPERATURE	65	74	79	F
% REL. HUMIDITY	55	80	60	
WIND DIRECTION	NORTH	SOUTH	WEST	
WIND SPEED	6.0	4.0	8.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT			---/15	
GARST 8481			14.0/14.0	IN
06/04/2003				
*** PEST ***				
WATERHEMP, COMMO			---/19	
			3.00/6.00	IN
RAGWEED, COMMON			---/15	
			3.00/6.00	IN
SHATTERCANE, SOR			---/14	
			4.00/8.00	IN

* TIMING CODES

09 = ----- / PRE
11 = ----- / EPOST
12 = ----- / POST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT SHATTERCANE CONTROL IN IT/LL CORN
CREATED: 06/05/2003 **REVISED:** 12/15/2003 **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	DOSAGE	AMBEL	AMATA	ZEAMD	SORVU	AMBEL	AMATA	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	CON %	CON %	
		UNIT	07/29/03	07/29/03	08/18/03	08/18/03	08/18/03	08/18/03	
1A	PURSUIT DG (70	0.063	LAA 11	38	0	0	58	53	0
	B>>SUNIT II	1.00	PMV 11						
	C>>AMMONIUM SULFA	2.50	LAA 11						
2A	ACCENT 75WG	0.031	LAA 12	0	0	0	78	0	0
	B>>COC	1.00	PMV 12						
	C 28% UAN	4.00	PMV 12						
3A>>	LIGHTNING 70DG	0.056	LAA 11	75	0	0	89	73	0
	B>>ACTIVATE PLUS	0.25	PMV 11						
	C 28% UAN	1.25	PMV 11						
4A	PROWL 3.3EC	1.00	LAA 9	68	58	0	85	75	50
	B>>LIGHTNING 70DG	0.056	LAA 11						
	C>>ACTIVATE PLUS	0.25	PMV 11						
	D 28% UAN	1.25	PMV 11						
5A	PROWL 3.3EC	1.00	LAA 11	63	20	0	91	65	10
	B>>LIGHTNING 70DG	0.056	LAA 11						
	C>>ACTIVATE PLUS	0.25	PMV 11						
	D 28% UAN	1.25	PMV 11						
6A	ATRAZINE DF	1.00	LAA 11	95	63	0	71	93	63
	B>>LIGHTNING 70DG	0.056	LAA 11						
	C>>ACTIVATE PLUS	0.25	PMV 11						
	D 28% UAN	1.25	PMV 11						
7A>>	LIGHTNING 70DG	0.056	LAA 11	76	79	0	61	95	86
	B MARKSMAN SC	1.00	LAA 11						
	C>>ACTIVATE PLUS	0.25	PMV 11						
	D>>AMMONIUM SULFA	2.50	LAA 11						
8A	CHECK	0.00	NA 9	0	0	0	0	0	0
		LSD (0.05)		11.86	11.08	0.00	8.40	9.54	7.93
		STANDARD DEVIATION		5.70	5.33	0.00	4.00	4.59	3.81

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PRE 06/05/2003(1)
 11 = ----- / EPOST 06/27/2003(2)
 12 = ----- / POST 07/11/2003(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
005	ZEAMD	CON %	07/14/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SORVU	CON %	07/14/2003	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBEL	CON %	07/14/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/14/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
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
009	ZEAMD	CON %	08/18/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SORVU	CON %	08/18/2003	02	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	08/18/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	08/18/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST 8481