

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/24/99	06/19/99	AME
AIR TEMPERATURE	63	73	F
% REL. HUMIDITY	83	60	
WIND DIRECTION	NORTHEAST	NORTHEAST	
WIND SPEED	3.0	2.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	WET/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
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		---/14	
DEKALB 589RR		8.00/10.0	IN
05/26/1999			
*** PEST ***			
WATERHEMP, COMMO		---/17	
		2.00/4.00	IN
SUNFLOWER, COMMO		---/12	
		1.00/3.00	IN
PANICUM, FALL		---/13	
		2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES (FIRST PAIR) UNFOLDED
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14 = 4 LEAVES UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT SUNFLOWER IN RR CORN C-8
CREATED: 05/24/1999 **REVISED:** 09/08/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BTOWN C-8 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	HELAN	AMATA	PANDI	ZEAMD	HELAN	
		RATE	UNIT		CON % 06/19/99	CON % 06/19/99	CON % 06/19/99	CON % 06/19/99	CON % 07/06/99	CON % 07/06/99	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A	HORNET 85.6WG	0.107	LAA	9	0	98	99	99	0	83	
3A	HORNET 85.6WG	0.124	LAA	9	0	99	99	96	0	99	
4A	ATRAZINE DF	1.50	LAA	9	0	99	99	95	0	96	
5A	SCORPIAN III	0.25	LAA	9	0	96	98	95	0	90	
6A	ZA1296 4SC	0.188	LAA	9	0	92	96	92	0	83	
7A	BALANCE 75WG	0.094	LAA	9	0	88	99	95	0	73	
8A	ZA1296 4SC	0.094	LAA	12	0	0	0	0	0	93	
	B»ACTIVATE PLUS	0.25	PMV	12							
	C AM. SULFATE	2.50	LAA	12							
9A	EXCEED	0.0356	LAA	12	0	0	0	0	0	96	
	B»ACTIVATE PLUS	0.025	PMV	12							
	C AM. SULFATE	2.50	LAA	12							
10A	SPIRIT 57WG	0.0356	LAA	12	0	0	0	0	0	93	
	B»ACTIVATE PLUS	0.25	PMV	12							
	C AM. SULFATE	2.50	LAA	12							
11A	PERMIT	0.0314	LAA	12	0	0	0	0	0	98	
	B»ACTIVATE PLUS	0.25	PMV	12							
	C AM. SULFATE	2.50	LAA	12							
12A	ROUNDUP ULTRA	0.75	LAA	12	0	0	0	0	0	96	
	B AM. SULFATE	2.50	LAA	12							
					LSD (0.05)	0.00	3.60	1.69	4.34	0.00	6.79
					STANDARD DEVIATION	0.00	1.74	0.815	2.09	0.00	3.28

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TRT TREATMENT	DOSAGE	AMATA	PANDI	ZEAMD	HELAN	AMATA	PANDI
NUM COMPONENT	RATE UNIT TM	CON % 07/06/99	CON % 07/06/99	CON % 09/22/99	CON % 09/22/99	CON % 09/22/99	CON % 09/22/99
1A CHECK	0.00 NA 0	0	0	0	0	0	0
2A»HORNET 85.6WG	0.107 LAA 9	88	88	0	99	96	90
3A»HORNET 85.6WG	0.124 LAA 9	98	90	0	99	99	93
4A ATRAZINE DF	1.50 LAA 9	98	88	0	98	99	93
5A»SCORPIAN III	0.25 LAA 9	95	88	0	95	98	92
6A»ZA1296 4SC	0.188 LAA 9	88	88	0	80	83	83
7A»BALANCE 75WG	0.094 LAA 9	92	97	0	78	90	95
8A»ZA1296 4SC	0.094 LAA 12	90	88	0	98	96	87
B»ACTIVATE PLUS	0.25 PMV 12						
C AM. SULFATE	2.50 LAA 12						
9A»EXCEED	0.0356 LAA 12	87	77	0	99	96	92
B»ACTIVATE PLUS	0.025 PMV 12						
C AM. SULFATE	2.50 LAA 12						
10A»SPIRIT 57WG	0.0356 LAA 12	87	87	0	99	99	88
B»ACTIVATE PLUS	0.25 PMV 12						
C AM. SULFATE	2.50 LAA 12						
11A»PERMIT	0.0314 LAA 12	83	63	0	99	96	83
B»ACTIVATE PLUS	0.25 PMV 12						
C AM. SULFATE	2.50 LAA 12						
12A ROUNDUP ULTRA	0.75 LAA 12	99	99	0	99	99	99
B AM. SULFATE	2.50 LAA 12						
	LSL (0.05)	8.23	10.16	0.00	5.72	6.34	9.21
	STANDARD DEVIATION	4.00	4.90	0.00	2.76	3.06	4.44

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/24/1999(1)
 12 = ----- / POST 06/19/1999(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	CON %	06/19/1999	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	HELAN	CON %	06/19/1999	02	P	HELAN	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/19/1999	03	P	AMATA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PANDI	CON %	06/19/1999	04	P	PANDI	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/06/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	HELAN	CON %	07/06/1999	02	P	HELAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	07/06/1999	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PANDI	CON %	07/06/1999	04	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	09/22/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	HELAN	CON %	09/22/1999	02	P	HELAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	09/22/1999	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PANDI	CON %	09/22/1999	04	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR

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12 = 2 LEAVES (FIRST PAIR) UNFOLDED
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