

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/24/99	06/19/99	06/25/99	AME
AIR TEMPERATURE	63	73	83	F
% REL.HUMIDITY	83	60	60	
WIND DIRECTION	NORTHEAST	NORTHEAST	SOUTHEAST	
WIND SPEED	3.0	2.0	5.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	WET/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
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 ***				
SOYBEAN		---/13	---/14	
ASGROW 3601 RR/S		4.00/5.00	5.00/6.00	IN
05/21/1999				
*** PEST ***				
WATERHEMP, COMMO		---/17	---/19	
		2.00/4.00	4.00/6.00	IN
SUNFLOWER, COMMO		---/12	---/14	
		1.00/3.00	2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

12 = 2 LEAVES (FIRST PAIR) UNFOLDED
 13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT SUNFLOWER IN RR SOYSL
 CREATED: 05/22/1999 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	GLXMA	HELAN	AMATA	GLXMA	HELAN	AMATA
		RATE	UNIT		CON % 06/19/99	CON % 06/19/99	CON % 06/19/99	CON % 07/06/99	CON % 07/06/99	CON % 07/06/99
1A	FIRSTRATE 84WG	0.031	LAA	9	0	99	95	0	99	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
2A	ROUNDUP ULTRA	0.56	LAA	12	0	0	0	0	95	99
	B AM. SULFATE	17.00	LAG	12						
	C ROUNDUP ULTRA	0.56	LAA	13						
	D AM. SULFATE	17.00	LAG	13						
3A	PURSUIT DG (70	0.063	LAA	9	0	92	96	0	99	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
4A	SCEPTER 70DG	0.125	LAA	9	0	95	96	0	99	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
5A	FIRSTRATE 84WG	0.031	LAA	9	0	95	93	0	99	99
	B»PYTHON 80WG	0.05	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	17.00	LAG	12						
6A	PYTHON 80WG	0.063	LAA	9	0	92	90	0	99	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A	CLASSIC 25WG	0.0078	LAA	12	0	0	0	0	98	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
9A	FIRSTRATE 84WG	0.016	LAA	12	0	0	0	0	99	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
10A	RAPTOR (70 DG)	0.031	LAA	12	0	0	0	0	95	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
11A	ROUNDUP ULTRA	0.75	LAA	12	0	0	0	0	98	99
	B AM. SULFATE	17.00	LAG	12						
12A	SCEPTER 70DG	0.0613	LAA	12	0	0	0	0	99	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	LAG	12						
		LSD (0.05)			0.00	1.90	3.86	0.00	2.67	0.00
		STANDARD DEVIATION			0.00	0.917	1.86	0.00	1.29	0.00

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 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 TREATMENT	DOSAGE	GLXMA	HELAN	AMATA
NUM COMPONENT	RATE UNIT TM	CON % 09/22/99	CON % 09/22/99	CON % 09/22/99
1A»FIRSTRATE 84WG	0.031 LAA 9	0	93	98
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
2A ROUNDUP ULTRA	0.56 LAA 12	0	82	96
B AM. SULFATE	17.00 LAG 12			
C ROUNDUP ULTRA	0.56 LAA 13			
D AM. SULFATE	17.00 LAG 13			
3A PURSUIT DG (70	0.063 LAA 9	0	98	99
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
4A SCEPTER 70DG	0.125 LAA 9	0	98	99
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
5A»FIRSTRATE 84WG	0.031 LAA 9	0	88	99
B»PYTHON 80WG	0.05 LAA 9			
C ROUNDUP ULTRA	0.75 LAA 12			
D AM. SULFATE	17.00 LAG 12			
6A»PYTHON 80WG	0.063 LAA 9	0	93	99
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
7A CHECK	0.00 NA 0	0	0	0
8A CLASSIC 25WG	0.0078 LAA 12	0	98	96
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
9A»FIRSTRATE 84WG	0.016 LAA 12	0	99	99
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
10A»RAPTOR (70 DG)	0.031 LAA 12	0	88	92
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
11A ROUNDUP ULTRA	0.75 LAA 12	0	88	99
B AM. SULFATE	17.00 LAG 12			
12A SCEPTER 70DG	0.0613 LAA 12	0	98	99
B ROUNDUP ULTRA	0.75 LAA 12			
C AM. SULFATE	17.00 LAG 12			
	LSD (0.05)	0.00	4.25	3.94
	STANDARD DEVIATION	0.00	2.00	1.90

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/24/1999(1)
 12 = ----- / POST 06/19/1999(2)
 13 = ----- / LPOST 06/25/1999(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	06/19/1999	01	P	GLXMA	13	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	GLXMA	CON %	07/06/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	HELAN	CON %	07/06/1999	02	P	HELAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/06/1999	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BT SUNFLOWER IN RR SOYSL

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
007	GLXMA	CON %	09/22/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	HELAN	CON %	09/22/1999	02	P	HELAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	09/22/1999	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3601 RR/STS

* STAGE CODE

12 = 2 LEAVES (FIRST PAIR) UNFOLDED

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED