

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/17/00	06/21/00	AME
AIR TEMPERATURE	75	72	F
% REL.HUMIDITY	60	78	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	5.0	7.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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 ***			
SOYBEAN		---/12	
PIONEER 93B53RR		5.00/5.00	IN
05/17/2000			
*** PEST ***			
WATERHEMP, COMMO		---/16	
		3.00/3.00	IN
SUNFLOWER, COMMO		---/12	
		3.00/3.00	IN
SHATTERCANE, SOR		---/12	
		4.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT SUNFLOWER IN RR SOYSL
 CREATED: 05/17/2000 REVISED: 12/05/2000 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	SORVU	GLXMA	HELAN
		RATE	UNIT		06/17/00	06/17/00	06/17/00	06/17/00	07/05/00	07/05/00
1A»	FIRSTRATE 84WG	0.031	LAA 9		0	99	60	47	0	99
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
2A	ROUNDUP ULTRA	0.56	LAA 12		0	0	0	0	0	99
	B AM. SULFATE	17.00	LAG 12							
	C ROUNDUP ULTRA	0.56	LAA 13							
	D AM. SULFATE	17.00	PMG 13							
3A	PURSUIT DG (70	0.063	LAA 9		0	95	95	78	0	99
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
4A	SCEPTER 70DG	0.125	LAA 9		0	98	83	88	0	99
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
5A»	FIRSTRATE 84WG	0.031	LAA 9		0	99	88	87	0	99
	B»PYTHON 80WG	0.05	LAA 9							
	C ROUNDUP ULTRA	0.75	LAA 12							
	D AM. SULFATE	17.00	PMG 12							
6A»	PYTHON 80WG	0.063	LAA 9		0	96	78	73	0	99
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
7A	CHECK	0.00	NA 0		0	0	0	0	0	0
8A	CLASSIC 25WG	0.0078	LAA 12		0	0	0	0	0	97
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
9A»	FIRSTRATE 84WG	0.016	LAA 12		0	0	0	0	0	99
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
10A»	RAPTOR (70 DG)	0.031	LAA 12		0	0	0	0	0	99
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
11A	ROUNDUP ULTRA	0.75	LAA 12		0	0	0	0	0	99
	B AM. SULFATE	17.00	PMG 12							
12A	SCEPTER 70DG	0.0613	LAA 12		0	0	0	0	0	96
	B ROUNDUP ULTRA	0.75	LAA 12							
	C AM. SULFATE	17.00	PMG 12							
		LSD (0.05)			0.00	3.53	7.40	6.00	0.00	2.79
		STANDARD DEVIATION			0.00	1.70	3.57	2.88	0.00	1.35

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	SORVU	GLXMA	HELAN	AMATA	SORVU	
		RATE	UNIT		07/05/00	07/05/00	07/28/00	07/28/00	07/28/00	07/28/00	
1A	FIRSTRATE 84WG	0.031	LAA	9	99	99	0	99	99	99	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
2A	ROUNDUP ULTRA	0.56	LAA	12	99	99	0	99	97	98	
B	AM. SULFATE	17.00	LAG	12							
C	ROUNDUP ULTRA	0.56	LAA	13							
D	AM. SULFATE	17.00	PMG	13							
3A	PURSUIT DG (70	0.063	LAA	9	99	99	0	99	96	99	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
4A	SCEPTER 70DG	0.125	LAA	9	99	99	0	99	98	98	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
5A	FIRSTRATE 84WG	0.031	LAA	9	99	99	0	99	98	98	
B	PYTHON 80WG	0.05	LAA	9							
C	ROUNDUP ULTRA	0.75	LAA	12							
D	AM. SULFATE	17.00	PMG	12							
6A	PYTHON 80WG	0.063	LAA	9	99	96	0	99	98	94	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
7A	CHECK	0.00	NA	0	0	0	0	0	0	0	
8A	CLASSIC 25WG	0.0078	LAA	12	98	99	0	96	92	99	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
9A	FIRSTRATE 84WG	0.016	LAA	12	99	98	0	99	98	98	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
10A	RAPTOR (70 DG)	0.031	LAA	12	99	96	0	99	97	91	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
11A	ROUNDUP ULTRA	0.75	LAA	12	99	99	0	99	98	98	
B	AM. SULFATE	17.00	PMG	12							
12A	SCEPTER 70DG	0.0613	LAA	12	99	96	0	96	99	94	
B	ROUNDUP ULTRA	0.75	LAA	12							
C	AM. SULFATE	17.00	PMG	12							
					LSD (0.05)	1.13	4.39	0.00	3.67	3.72	6.66
					STANDARD DEVIATION	0.544	2.12	0.00	1.77	1.79	3.21

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/17/2000 (1)
 12 = ----- / POST 06/21/2000 (2)
 13 = ----- / LPOST

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
009	GLXMA		06/17/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	HELAN		06/17/2000	02	P	HELAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA		06/17/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SORVU		06/17/2000	04	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
001	GLXMA		07/05/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	HELAN		07/05/2000	02	P	HELAN		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
003	AMATA		07/05/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SORVU		07/05/2000	04	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA		07/28/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	HELAN		07/28/2000	02	P	HELAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA		07/28/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SORVU		07/28/2000	04	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B53RR