

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.8  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/27/03	07/11/03	07/26/03	AME
AIR TEMPERATURE	76	76	77	F
% REL.HUMIDITY	38	60	64	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	SOUTHWEST	
WIND SPEED	6.0	7.0	3.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	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 ***				
SOYBEAN	---/15	---/19	---/62	
PIONEER 94B01RR	10.0/10.0	18.0/18.0	28.0/28.0	IN
05/21/2003				

\* TIMING CODES

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

\* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES  
 19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES  
 62 = 20% OF FLOWERS OPEN (DETERMINATE)

**TITLE:** USPGR1 Soybean Injury from PGR Herbicides in RRSOY 1 C-200  
**CREATED:** 04/21/2003 **REVISED:** 01/15/2004 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **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	GLXMA	YIELD
		RATE	UNIT		14 DAT 08/08/03	42 DAT 09/05/03	BU/A 10/17/03
1A	CLARITY	0.0005	LAA	12	40	20	40.4
	B»ACTIVATOR 90	0.25	PMV	12			
2A	CLARITY	0.005	LAA	12	50	27	39.9
	B»ACTIVATOR 90	0.25	PMV	12			
3A»	DISTINCT 70WG	0.000175	LAA	12	25	13	44.9
	B»ACTIVATOR 90	0.25	PMV	12			
4A»	DISTINCT 70WG	0.00175	LAA	12	38	23	40.0
	B»ACTIVATOR 90	0.25	PMV	12			
5A	(G)2,4-D-ESTER	0.05	LAA	12	10	0	43.7
	B»ACTIVATOR 90	0.25	PMV	12			
6A	(G)2,4-D-ESTER	0.50	LAA	12	35	12	42.3
	B»ACTIVATOR 90	0.25	PMV	12			
7A	STINGER 3SL	0.00188	LAA	12	43	18	43.1
	B»ACTIVATOR 90	0.25	PMV	12			
8A	STINGER 3SL	0.0188	LAA	12	57	33	38.2
	B»ACTIVATOR 90	0.25	PMV	12			
9A	PURSUIT DG (70	0.063	LAA	12	3	0	44.2
	B»MSO	1.25	PMV	12			
	C 28% UAN	1.25	PMV	12			
10A	ROUNDUP ULTRA	0.75	LAA	12	0	0	47.9
	B AM. SULFATE	8.50	PMG	12			
11A»	FLEXSTAR 1.88M	0.294	LAA	12	5	0	44.6
	B»MSO	1.00	PMV	12			
	C 28% UAN	2.50	PMV	12			
12A	CHECK	0.00	NA	0	0	0	45.4
13A	CLARITY	0.0005	LAA	13	25	23	48.1
	B»ACTIVATOR 90	0.25	PMV	13			
14A	CLARITY	0.005	LAA	13	37	35	37.6
	B»ACTIVATOR 90	0.25	PMV	13			
15A»	DISTINCT 70WG	0.000175	LAA	13	18	5	47.7
	B»ACTIVATOR 90	0.25	PMV	13			
16A»	DISTINCT 70WG	0.00175	LAA	13	30	33	45.3
	B»ACTIVATOR 90	0.25	PMV	13			
17A	(G)2,4-D-ESTER	0.05	LAA	13	25	8	43.3
	B»ACTIVATOR 90	0.25	PMV	13			
18A	(G)2,4-D-ESTER	0.50	LAA	13	40	15	42.6
	B»ACTIVATOR 90	0.25	PMV	13			
19A	STINGER 3SL	0.00188	LAA	13	32	23	47.1
	B»ACTIVATOR 90	0.25	PMV	13			
20A	STINGER 3SL	0.0188	LAA	13	60	52	26.1
	B»ACTIVATOR 90	0.25	PMV	13			
21A	PURSUIT DG (70	0.063	LAA	13	8	0	45.5
	B»MSO	1.25	PMV	13			
	C 28% UAN	1.25	PMV	13			
22A	ROUNDUP ULTRA	0.75	LAA	13	0	0	44.6
	B AM. SULFATE	8.50	PMG	13			

TITLE: USPGR1 Soybean Injury from PGR Herbicides in RRSOY 1 C-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	YIELD
		RATE	UNIT	TM	14 DAT 08/08/03	42 DAT 09/05/03	BU/A 10/17/03
23A»	FLEXSTAR 1.88M	0.294	LAA	13	5	0	45.5
	B»MSO	1.00	PMV	13			
	C 28% UAN	2.50	PMV	13			
24A	CHECK	0.00	NA	0	0	0	45.2
25A	CLARITY	0.0005	LAA	14	25	23	52.5
	B»ACTIVATOR 90	0.25	PMV	14			
26A	CLARITY	0.005	LAA	14	33	37	46.1
	B»ACTIVATOR 90	0.25	PMV	14			
27A»	DISTINCT 70WG	0.000175	LAA	14	18	12	47.8
	B»ACTIVATOR 90	0.25	PMV	14			
28A»	DISTINCT 70WG	0.00175	LAA	14	28	25	52.9
	B»ACTIVATOR 90	0.25	PMV	14			
29A	(G)2,4-D-ESTER	0.05	LAA	14	15	0	47.5
	B»ACTIVATOR 90	0.25	PMV	14			
30A	(G)2,4-D-ESTER	0.50	LAA	14	42	13	44.6
	B»ACTIVATOR 90	0.25	PMV	14			
31A	STINGER 3SL	0.00188	LAA	14	28	27	49.8
	B»ACTIVATOR 90	0.25	PMV	14			
32A	STINGER 3SL	0.0188	LAA	14	45	48	46.6
	B»ACTIVATOR 90	0.25	PMV	14			
33A	PURSUIT DG (70	0.063	LAA	14	2	0	45.9
	B»MSO	1.25	PMV	14			
	C 28% UAN	1.25	PMV	14			
34A	ROUNDUP ULTRA	0.75	LAA	14	5	0	47.3
	B AM. SULFATE	8.50	PMG	14			
35A»	FLEXSTAR 1.88M	0.294	LAA	14	10	0	45.0
	B»MSO	1.00	PMV	14			
	C 28% UAN	2.50	PMV	14			
36A	CHECK	0.00	NA	0	0	0	46.1
LSD (0.05)					6.68	3.91	4.00
STANDARD DEVIATION					3.38	2.00	2.00

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 12 = ----- / POST 06/27/2003(1)  
 13 = ----- / LPOST 07/11/2003(2)  
 14 = ----- / VLPOST 07/26/2003(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	14 DAT	08/08/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	42 DAT	09/05/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	YIELD	BU/A	10/17/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B01RR