

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.6
 %OM: 5.4
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	14	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/27/03	07/11/03	AME
AIR TEMPERATURE	76	76	F
% REL.HUMIDITY	38	60	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	6.0	5.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
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	---/15	---/19	
PIONEER 93B67	10.0/10.0	22.0/22.0	IN
05/21/2003			

* TIMING CODES

12 = ----- / POST
 14 = ----- / VLPOST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES

TITLE: USPGR2 Soybean Injury from PGR Herbicides in RRSOY 2 R-3N
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	TREATMENT	DOSAGE	GLXMA	GLXMA	YIELD	
NUM	COMPONENT	RATE	UNIT	14 DAT	42 DAT	BU/A
			TM	08/08/03	08/25/03	10/17/03
1A	ROUNDUP ULTRA	1.13	LAA 12	33	25	44.8
B	CLARITY	0.005	LAA 12			
C	AM. SULFATE	8.50	PMG 12			
2A	PURSUIT DG (70	0.063	LAA 12	42	28	36.3
B	CLARITY	0.005	LAA 12			
C»MSO		1.25	PMV 12			
D	28% UAN	1.25	PMV 12			
3A»RAPTOR 1AS		0.039	LAA 12	43	30	43.5
B	CLARITY	0.005	LAA 12			
C»MSO		1.25	PMV 12			
D	28% UAN	1.25	PMV 12			
4A»FLEXSTAR 1.88M		0.294	LAA 12	48	30	36.3
B	CLARITY	0.005	LAA 12			
C»MSO		1.00	PMV 12			
D	28% UAN	2.50	PMV 12			
5A	CLARITY	0.005	LAA 12	32	23	40.5
B»ACTIVATOR 90		0.25	PMV 12			
6A	ROUNDUP ULTRA	1.13	LAA 12	0	0	50.1
B	AM. SULFATE	8.50	PMG 12			
7A	PURSUIT DG (70	0.063	LAA 12	3	0	46.5
B»MSO		1.25	PMV 12			
C	28% UAN	1.25	PMV 12			
8A»RAPTOR 1AS		0.039	LAA 12	5	0	50.4
B»MSO		1.25	PMV 12			
C	28% UAN	1.25	PMV 12			
9A»FLEXSTAR 1.88M		0.294	LAA 12	5	0	51.5
B»MSO		1.00	PMV 12			
C	28% UAN	2.50	PMV 12			
10A	CHECK	0.00	NA 0	0	0	50.2
11A	ROUNDUP ULTRA	1.13	LAA 14	35	43	34.1
B	CLARITY	0.005	LAA 14			
C	AM. SULFATE	8.50	PMG 14			
12A	PURSUIT DG (70	0.063	LAA 14	40	50	32.7
B	CLARITY	0.005	LAA 14			
C»MSO		1.25	PMV 14			
D	28% UAN	1.25	PMV 14			
13A»RAPTOR 1AS		0.039	LAA 14	40	52	31.4
B	CLARITY	0.005	LAA 14			
C»MSO		1.25	PMV 14			
D	28% UAN	1.25	PMV 14			
14A»FLEXSTAR 1.88M		0.294	LAA 14	48	57	30.6
B	CLARITY	0.005	LAA 14			
C»MSO		1.00	PMV 14			
D	28% UAN	2.50	PMV 14			
15A	CLARITY	0.005	LAA 14	28	37	37.2
B»ACTIVATOR 90		0.25	PMV 14			
16A	ROUNDUP ULTRA	1.13	LAA 14	0	0	48.7
B	AM. SULFATE	8.50	PMG 14			
17A	PURSUIT DG (70	0.063	LAA 14	5	0	49.6
B»MSO		1.25	PMV 14			
C	28% UAN	1.25	PMV 14			

TITLE: USPGR2 Soybean Injury from PGR Herbicides in RRSOY 2 R-3N

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA 14 DAT		GLXMA 42 DAT	YIELD BU/A	
		RATE	UNIT		08/08/03	08/25/03		10/17/03	
18A»	RAPTOR 1AS	0.039	LAA	14	5	0		50.6	
	B»MSO	1.25	PMV	14					
	C 28% UAN	1.25	PMV	14					
19A»	FLEXSTAR 1.88M	0.294	LAA	14	7	0		49.5	
	B»MSO	1.00	PMV	14					
	C 28% UAN	2.50	PMV	14					
20A	CHECK	0.00	NA	0	0	0		53.6	
		LSD (0.05)			5.00	3.46		6.06	
		STANDARD DEVIATION			2.48	1.71		3.00	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

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

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	08/25/2003	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 93B67