

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.3  
 %OM: 4.8  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 38 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	13	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	07/03/02	07/18/02	AME
AIR TEMPERATURE	90	86	F
% REL.HUMIDITY	40	60	
WIND DIRECTION	SOUTHWEST	WEST	
WIND SPEED	3.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
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	42.00	42.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/14	---/17	
PIONEER 93B67	6.00/8.00	14.0/14.0	IN
06/03/2002			

## \* TIMING CODES

12 = ----- / POST  
 13 = ----- / LPOST

## \* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES  
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES

## DATA MEAN

**TITLE:** USPGR2 Soybean Injury from PGR Herbicides in RRSOY 2 C-700  
**CREATED:** 05/13/2002 **REVISED:** 10/24/2002 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 38.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT		14 DAT 07/18/02	28 DAT 07/31/02	56 DAT 08/27/02	BU/A 10/16/02
1A	ROUNDUP ULTRA	1.13	LAA	12	47	35	25	40.5
B	CLARITY	0.005	LAA	12				
C	AM. SULFATE	8.50	PMG	12				
2A	PURSUIT DG (70	0.063	LAA	12	50	37	22	43.9
B	CLARITY	0.005	LAA	12				
C	M>MSO	1.25	PMV	12				
D	28% UAN	1.25	PMV	12				
3A	R>RAPTOR 1AS	0.039	LAA	12	53	37	27	37.7
B	CLARITY	0.005	LAA	12				
C	M>MSO	1.25	PMV	12				
D	28% UAN	1.25	PMV	12				
4A	F>FLEXSTAR 1.88M	0.294	LAA	12	60	43	30	34.8
B	CLARITY	0.005	LAA	12				
C	M>MSO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
5A	CLARITY	0.005	LAA	12	42	30	23	40.0
B	M>ACTIVATOR 90	0.25	PMV	12				
6A	ROUNDUP ULTRA	1.13	LAA	12	0	0	0	48.8
B	AM. SULFATE	8.50	PMG	12				
7A	PURSUIT DG (70	0.063	LAA	12	2	0	0	49.3
B	M>MSO	1.25	PMV	12				
C	28% UAN	1.25	PMV	12				
8A	R>RAPTOR 1AS	0.039	LAA	12	3	2	0	42.6
B	M>MSO	1.25	PMV	12				
C	28% UAN	1.25	PMV	12				
9A	F>FLEXSTAR 1.88M	0.294	LAA	12	5	0	0	47.5
B	M>MSO	1.00	PMV	12				
C	28% UAN	2.50	PMV	12				
10A	CHECK	0.00	NA	0	0	0	0	44.4
11A	ROUNDUP ULTRA	1.13	LAA	14		30	33	38.3
B	CLARITY	0.005	LAA	14				
C	AM. SULFATE	8.50	PMG	14				
12A	PURSUIT DG (70	0.063	LAA	14		37	40	30.7
B	CLARITY	0.005	LAA	14				
C	M>MSO	1.25	PMV	14				
D	28% UAN	1.25	PMV	14				
13A	R>RAPTOR 1AS	0.039	LAA	14		33	42	29.3
B	CLARITY	0.005	LAA	14				
C	M>MSO	1.25	PMV	14				
D	28% UAN	1.25	PMV	14				
14A	F>FLEXSTAR 1.88M	0.294	LAA	14		37	38	30.8
B	CLARITY	0.005	LAA	14				
C	M>MSO	1.00	PMV	14				
D	28% UAN	2.50	PMV	14				
15A	CLARITY	0.005	LAA	14		27	30	41.5
B	M>ACTIVATOR 90	0.25	PMV	14				
16A	ROUNDUP ULTRA	1.13	LAA	14		0	0	47.6
B	AM. SULFATE	8.50	PMG	14				
17A	PURSUIT DG (70	0.063	LAA	14		0	0	47.0
B	M>MSO	1.25	PMV	14				
C	28% UAN	1.25	PMV	14				

## DATA MEAN

TITLE: USPGR2 Soybean Injury from PGR Herbicides in RRSOY 2 C-700

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA	GLXMA	GLXMA	YIELD
				14 DAT 07/18/02	28 DAT 07/31/02	56 DAT 08/27/02	BU/A 10/16/02
18A»RAPTOR 1AS	0.039	LAA	14		2	0	44.8
B»MSO	1.25	PMV	14				
C 28% UAN	1.25	PMV	14				
19A»FLEXSTAR 1.88M	0.294	LAA	14		5	0	48.8
B»MSO	1.00	PMV	14				
C 28% UAN	2.50	PMV	14				
20A CHECK	0.00	NA	0		0	0	49.5
	LSD (0.05)			4.15	7.31	4.48	5.78
	STANDARD DEVIATION			2.05	3.62	2.22	2.86

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING  
 12 = ----- / POST 07/03/2002(1)  
 14 = ----- / VLPOST

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	GLXMA	14 DAT	07/18/2002	01	P	GLXMA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	GLXMA	28 DAT	07/31/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	56 DAT	08/27/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	YIELD	BU/A	10/16/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67

## \* STAGE CODE

17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES