

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.5
 %OM: 4.0
 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	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	07/02/02	07/17/02	08/01/02	AME
AIR TEMPERATURE	92	88	86	F
% REL.HUMIDITY	40	55	74	
WIND DIRECTION	SOUTHEAST	WEST	WEST	
WIND SPEED	2.0	3.0	6.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
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	---/14	---/17	---/65	
PIONEER 94B01RR	6.00/8.00	12.0/12.0	16.0/16.0	IN
06/01/2002				

* TIMING CODES

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

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 65 = 50% OF FLOWERS OPEN (DETERMINATE); MAIN FLOWERING PERIOD (INDETERM.)

DATA MEAN

TITLE: USPGR1 Soybean Injury from PGR Herbicides in RRSOY 1 M-12N
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** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT		14 DAT 07/17/02	28 DAT 07/31/02	14 DAT 08/16/02	BU/A 10/15/02
1A	CLARITY	0.0005	LAA	12	37	27	22	47.2
	B»ACTIVATOR 90	0.25	PMV	12				
2A	CLARITY	0.005	LAA	12	50	33	30	44.4
	B»ACTIVATOR 90	0.25	PMV	12				
3A»	DISTINCT 70WG	0.000175	LAA	12	25	18	13	50.9
	B»ACTIVATOR 90	0.25	PMV	12				
4A»	DISTINCT 70WG	0.00175	LAA	12	47	25	23	48.9
	B»ACTIVATOR 90	0.25	PMV	12				
5A	(G)2,4-D-ESTER	0.05	LAA	12	7	5	8	45.6
	B»ACTIVATOR 90	0.25	PMV	12				
6A	(G)2,4-D-ESTER	0.158	LAA	12	63	50	50	30.3
	B»ACTIVATOR 90	0.25	PMV	12				
7A	STINGER 3SL	0.00188	LAA	12	63	33	35	43.6
	B»ACTIVATOR 90	0.25	PMV	12				
8A	STINGER 3SL	0.006	LAA	12	8	0	2	50.0
	B»ACTIVATOR 90	0.25	PMV	12				
9A	PURSUIT DG (70	0.063	LAA	12	5	0	0	48.5
	B»MSO	1.25	PMV	12				
	C 28% UAN	1.25	PMV	12				
10A	ROUNDUP ULTRA	0.75	LAA	12	2	2	0	48.8
	B AM. SULFATE	8.50	PMG	12				
11A»	FLEXSTAR 1.88M	0.294	LAA	12	7	0	0	48.7
	B»MSO	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
12A	CHECK	0.00	NA	0	0	0	0	50.8
13A	CLARITY	0.0005	LAA	13		27	30	49.6
	B»ACTIVATOR 90	0.25	PMV	13				
14A	CLARITY	0.005	LAA	13		47	43	42.8
	B»ACTIVATOR 90	0.25	PMV	13				
15A»	DISTINCT 70WG	0.000175	LAA	13		15	15	48.9
	B»ACTIVATOR 90	0.25	PMV	13				
16A»	DISTINCT 70WG	0.00175	LAA	13		43	38	47.8
	B»ACTIVATOR 90	0.25	PMV	13				
17A	(G)2,4-D-ESTER	0.05	LAA	13		27	20	46.3
	B»ACTIVATOR 90	0.25	PMV	13				
18A	(G)2,4-D-ESTER	0.158	LAA	13		63	43	37.5
	B»ACTIVATOR 90	0.25	PMV	13				
19A	STINGER 3SL	0.00188	LAA	13		30	40	43.3
	B»ACTIVATOR 90	0.25	PMV	13				
20A	STINGER 3SL	0.006	LAA	13		67	67	25.4
	B»ACTIVATOR 90	0.25	PMV	13				
21A	PURSUIT DG (70	0.063	LAA	13		3	2	45.2
	B»MSO	1.25	PMV	13				
	C 28% UAN	1.25	PMV	13				
22A	ROUNDUP ULTRA	0.75	LAA	13		3	0	47.5
	B AM. SULFATE	8.50	PMG	13				

DATA MEAN

TITLE: USPGR1 Soybean Injury from PGR Herbicides in RRSOY 1 M-12N

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD BU/A
		RATE	UNIT		14 DAT 07/17/02	28 DAT 07/31/02	14 DAT 08/16/02	
23A	FLEXSTAR 1.88M	0.294	LAA	13		5	3	48.3
	B»MSO	1.00	PMV	13				
	C 28% UAN	2.50	PMV	13				
24A	CHECK	0.00	NA	0		0	0	51.6
25A	CLARITY	0.0005	LAA	14			23	52.1
	B»ACTIVATOR 90	0.25	PMV	14				
26A	CLARITY	0.005	LAA	14			47	40.5
	B»ACTIVATOR 90	0.25	PMV	14				
27A	DISTINCT 70WG	0.000175	LAA	14			20	49.1
	B»ACTIVATOR 90	0.25	PMV	14				
28A	DISTINCT 70WG	0.00175	LAA	14			40	45.8
	B»ACTIVATOR 90	0.25	PMV	14				
29A	(G)2,4-D-ESTER	0.05	LAA	14			25	45.8
	B»ACTIVATOR 90	0.25	PMV	14				
30A	(G)2,4-D-ESTER	0.158	LAA	14			33	37.1
	B»ACTIVATOR 90	0.25	PMV	14				
31A	STINGER 3SL	0.00188	LAA	14			33	49.5
	B»ACTIVATOR 90	0.25	PMV	14				
32A	STINGER 3SL	0.006	LAA	14			50	37.9
	B»ACTIVATOR 90	0.25	PMV	14				
33A	PURSUIT DG (70	0.063	LAA	14			0	48.4
	B»MSO	1.25	PMV	14				
	C 28% UAN	1.25	PMV	14				
34A	ROUNDUP ULTRA	0.75	LAA	14			5	51.3
	B AM. SULFATE	8.50	PMG	14				
35A	FLEXSTAR 1.88M	0.294	LAA	14			10	47.1
	B»MSO	1.00	PMV	14				
	C 28% UAN	2.50	PMV	14				
36A	CHECK	0.00	NA	0			0	47.8
		LSD (0.05)			6.23	5.91	7.71	5.67
		STANDARD DEVIATION			3.15	3.00	3.90	2.87

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 07/02/2002(1)
 13 = ----- / LPOST 07/17/2002(2)
 14 = ----- / VLPOST 08/01/2002(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	14 DAT	07/17/2002	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	14 DAT	08/16/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	YIELD	BU/A	10/15/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B01RR

* STAGE CODE

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