

## 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	14	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/19/00	07/13/00	AME
AIR TEMPERATURE	83	79	F
% REL.HUMIDITY	45	60	
WIND DIRECTION	SOUTH	NORTH	
WIND SPEED	3.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	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	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/16	---/65	
PIONEER 94B01RR	8.00/8.00	30.0/30.0	IN
05/12/2000			

## \* TIMING CODES

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

## \* STAGE CODE

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES  
 65 = 50% OF FLOWERS OPEN (DETERMINATE); MAIN FLOWERING PERIOD (INDETERM.)

**TITLE:** USOYPGR Soybean Injury from PGR Herbicides in RRSOY C-700  
**CREATED:** 06/07/2000 **REVISED:** 11/09/2000 **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	YIELD
		RATE	UNIT		06/29/00	07/28/00	10/11/00
1A	CLARITY	0.0005	LAA	12	15	0	46.5
2A	CLARITY	0.005	LAA	12	48	13	44.7
3A»	DISTINCT 70WG	0.000175	LAA	12	10	0	50.9
	B»ACTIVATOR 90	0.25	PMV	12			
	C 28% UAN	1.25	PMV	12			
4A»	DISTINCT 70WG	0.00175	LAA	12	60	17	43.8
	B»ACTIVATOR 90	0.25	PMV	12			
	C 28% UAN	1.25	PMV	12			
5A	(G)2,4-D-ESTER	0.0005	LAA	12	0	0	50.2
6A	(G)2,4-D-ESTER	0.005	LAA	12	0	0	50.9
7A	STINGER 3SL	0.000188	LAA	12	0	0	47.9
8A	STINGER 3SL	0.00188	LAA	12	23	0	44.0
9A	PURSUIT DG (70	0.063	LAA	12	0	0	43.9
	B»MSO	1.25	PMV	12			
	C 28% UAN	1.25	PMV	12			
10A	ROUNDUP ULTRA	0.75	LAA	12	0	0	47.8
	B AM. SULFATE	8.50	PMG	12			
11A	CHECK	0.00	NA	0	0	0	47.6
12A	CLARITY	0.0005	LAA	14		33	54.1
13A	CLARITY	0.005	LAA	14		57	48.5
14A»	DISTINCT 70WG	0.000175	LAA	14		12	46.8
	B»ACTIVATOR 90	0.25	PMV	14			
	C 28% UAN	1.25	PMV	14			
15A»	DISTINCT 70WG	0.00175	LAA	14		42	55.8
	B»ACTIVATOR 90	0.25	PMV	14			
	C 28% UAN	1.25	PMV	14			
16A	(G)2,4-D-ESTER	0.0005	LAA	14		0	47.3
17A	(G)2,4-D-ESTER	0.005	LAA	14		0	50.4
18A	STINGER 3SL	0.000188	LAA	14		0	48.4
19A	STINGER 3SL	0.00188	LAA	14		5	52.2
20A	PURSUIT DG (70	0.063	LAA	14		0	44.3
	B»MSO	1.25	PMV	14			
	C 28% UAN	1.25	PMV	14			
21A	ROUNDUP ULTRA	0.75	LAA	14		0	48.5
	B AM. SULFATE	8.50	PMG	14			
22A	CHECK	0.00	NA	0		0	46.2
		LSD (0.05)			2.30	3.19	3.46
		STANDARD DEVIATION			1.14	1.58	1.73

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING  
12 = ----- / POST 06/19/2000(1)  
14 = ----- / VLPOST 07/13/2000(2)

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

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA		06/29/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA		07/28/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	YIELD	BU/A	10/11/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B01RR