

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.2
%OM: 6.0
PREV. CROP: NA - NONE
%RESIDUE: 0
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	06	13	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/02/00	06/30/00	AME
AIR TEMPERATURE	72	84	F
% REL. HUMIDITY	45	51	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	7.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	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		HGH/16	
PIONEER 92B71RR		10.0/10.0	IN
05/15/2000			
*** PEST ***			
RAGWEED, GIANT	LOW/12	MED/19	
	1.50/1.50	36.0/36.0	IN
LAMBSQUARTERS, C		MED/19	
		25.0/25.0	IN
FOXTAIL, GIANT		MED/19	
		15.0/15.0	IN

* TIMING CODES

06 = ----- / EPP 7DBP
13 = ----- / LPOST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: DSEPPNT1 EPP SYSTEMS IN NOTILL RR SOYBEAN SW-1600
CREATED: 04/28/2000 **REVISED:** 11/27/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMBTR	GLXMA	SETFA
		RATE	UNIT		06/30/00	06/30/00	06/30/00	06/30/00	07/12/00	07/12/00
1A»	DOMAIN 60DF	0.375	LAA 6		0	81	75	64	0	99
	B ROUNDUP ULTRA	0.56	LAA 6							
	C AM. SULFATE	8.50	PMG 6							
	D ROUNDUP ULTRA	0.56	LAA 13							
	E AM. SULFATE	8.50	PMG 13							
2A»	DOMAIN 60DF	0.488	LAA 6		0	88	82	57	0	99
	B ROUNDUP ULTRA	0.56	LAA 6							
	C AM. SULFATE	8.50	PMG 6							
	D ROUNDUP ULTRA	0.56	LAA 13							
	E AM. SULFATE	8.50	PMG 13							
3A	CHECK	0.00	NA 0		0	0	0	0	0	0
4A»	BOUNDARY 7.8L	1.22	LAA 6		0	94	84	78	0	99
	B ROUNDUP ULTRA	0.56	LAA 6							
	C AM. SULFATE	8.50	PMG 6							
	D ROUNDUP ULTRA	0.56	LAA 13							
	E AM. SULFATE	8.50	PMG 13							
5A»	BOUNDARY 7.8L	1.46	LAA 6		0	90	81	62	0	99
	B ROUNDUP ULTRA	0.56	LAA 6							
	C AM. SULFATE	8.50	PMG 6							
	D ROUNDUP ULTRA	0.56	LAA 13							
	E AM. SULFATE	8.50	PMG 13							
6A	SENCOR 75WG	0.28	LAA 6		0	72	90	73	0	99
	B»AUTHORITY	0.094	LAA 6							
	C ROUNDUP ULTRA	0.56	LAA 6							
	D AM. SULFATE	8.50	PMG 6							
	E ROUNDUP ULTRA	0.56	LAA 13							
	F AM. SULFATE	8.50	PMG 13							
7A»	AXIOM	0.64	LAA 6		0	91	99	47	0	99
	B»AUTHORITY	0.23	LAA 6							
	C ROUNDUP ULTRA	0.56	LAA 6							
	D AM. SULFATE	8.50	PMG 6							
	E ROUNDUP ULTRA	0.56	LAA 13							
	F AM. SULFATE	8.50	PMG 13							
8A»	PYTHON 80WG	0.04	LAA 6		0	0	85	47	0	99
	B (G)2,4-D-ESTER	0.50	LAA 6							
	C»COC	1.00	PMV 6							
	D»GLYPHOMAX PLUS	0.56	LAA 13							
	E AM. SULFATE	8.50	PMG 13							
9A»	PYTHON 80WG	0.04	LAA 6		0	47	91	83	0	99
	B SENCOR 75WG	0.141	LAA 6							
	C (G)2,4-D-ESTER	0.50	LAA 6							
	D»COC	1.00	PMV 6							
	E»GLYPHOMAX PLUS	0.56	LAA 13							
	F AM. SULFATE	8.50	PMG 13							
10A»	PYTHON 80WG	0.04	LAA 6		0	48	84	38	0	99
	B»GLYPHOMAX PLUS	0.75	LAA 6							
	C (G)2,4-D-ESTER	0.50	LAA 6							
	D AM. SULFATE	8.50	PMG 6							
	E»GLYPHOMAX PLUS	0.56	LAA 13							
	F AM. SULFATE	8.50	PMG 13							
11A»	PYTHON 80WG	0.05	LAA 6		0	70	85	83	0	99
	B SENCOR 75WG	0.141	LAA 6							
	C (G)2,4-D-ESTER	0.50	LAA 6							
	D»COC	1.00	PMV 6							
	E»GLYPHOMAX PLUS	0.56	LAA 13							
	F AM. SULFATE	8.50	PMG 13							

TITLE: DSEPPNT1 EPP SYSTEMS IN NOTILL RR SOYBEAN SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMBTR	GLXMA	SETFA
		RATE	UNIT		06/30/00	06/30/00	06/30/00	06/30/00	07/12/00	07/12/00
12A»	FIRSTRATE 84WG	0.016	LAA	6	0	76	89	94	0	99
	B SENCOR 75WG	0.141	LAA	6						
	C (G)2,4-D-ESTER	0.50	LAA	6						
	D»COC	1.00	PMV	6						
	E»GLYPHOMAX PLUS	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						
13A	CANOPY 75WG	0.188	LAA	6	0	84	90	86	0	99
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»COC	1.00	PMV	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
14A»	DOMAIN 60DF	0.375	LAA	6	0	84	80	96	0	99
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»COC	1.00	PMV	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
15A»	GLYPHOMAX PLUS	0.75	LAA	6	0	0	50	37	0	99
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
16A»	EXTREME 2.17L	0.813	LAA	6	0	93	89	94	0	99
	B»ACTIVATOR 90	0.125	PMV	6						
	C AM. SULFATE	15.00	PMG	6						
	D ROUNDUP ULTRA	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
		LSD (0.05)			0.00	14.47	13.37	17.00	0.00	0.00
		STANDARD DEVIATION			0.00	7.09	6.55	8.35	0.00	0.00

TITLE: DSEPPNT1 EPP SYSTEMS IN NOTILL RR SOYBEAN SW-1600
CREATED: 04/28/2000 **REVISED:** 11/27/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBTR	GLXMA	SETFA	CHEAL	AMBTR
		RATE	UNIT		07/12/00	07/12/00	07/27/00	07/27/00	07/27/00	07/27/00
1A»	DOMAIN 60DF	0.375	LAA	6	99	77	0	99	99	95
	B ROUNDUP ULTRA	0.56	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
2A»	DOMAIN 60DF	0.488	LAA	6	99	83	0	99	99	94
	B ROUNDUP ULTRA	0.56	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	BOUNDARY 7.8L	1.22	LAA	6	99	89	0	99	99	96
	B ROUNDUP ULTRA	0.56	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
5A»	BOUNDARY 7.8L	1.46	LAA	6	99	84	0	99	99	95
	B ROUNDUP ULTRA	0.56	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
6A	SENCOR 75WG	0.28	LAA	6	99	79	0	99	99	92
	B»AUTHORITY	0.094	LAA	6						
	C ROUNDUP ULTRA	0.56	LAA	6						
	D AM. SULFATE	8.50	PMG	6						
	E ROUNDUP ULTRA	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						
7A»	AXIOM	0.64	LAA	6	99	72	0	99	99	95
	B»AUTHORITY	0.23	LAA	6						
	C ROUNDUP ULTRA	0.56	LAA	6						
	D AM. SULFATE	8.50	PMG	6						
	E ROUNDUP ULTRA	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						
8A»	PYTHON 80WG	0.04	LAA	6	99	80	0	99	99	96
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»COC	1.00	PMV	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
9A»	PYTHON 80WG	0.04	LAA	6	99	89	0	99	99	96
	B SENCOR 75WG	0.141	LAA	6						
	C (G)2,4-D-ESTER	0.50	LAA	6						
	D»COC	1.00	PMV	6						
	E»GLYPHOMAX PLUS	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						
10A»	PYTHON 80WG	0.04	LAA	6	99	71	0	99	99	89
	B»GLYPHOMAX PLUS	0.75	LAA	6						
	C (G)2,4-D-ESTER	0.50	LAA	6						
	D AM. SULFATE	8.50	PMG	6						
	E»GLYPHOMAX PLUS	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						
11A»	PYTHON 80WG	0.05	LAA	6	99	90	0	99	98	98
	B SENCOR 75WG	0.141	LAA	6						
	C (G)2,4-D-ESTER	0.50	LAA	6						
	D»COC	1.00	PMV	6						
	E»GLYPHOMAX PLUS	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						

TITLE: DSEPPNT1 EPP SYSTEMS IN NOTILL RR SOYBEAN SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBTR	GLXMA	SETFA	CHEAL	AMBTR
		RATE	UNIT		07/12/00	07/12/00	07/27/00	07/27/00	07/27/00	07/27/00
12A	FIRSTRATE 84WG	0.016	LAA	6	99	95	0	99	99	94
	B SENCOR 75WG	0.141	LAA	6						
	C (G)2,4-D-ESTER	0.50	LAA	6						
	D»COC	1.00	PMV	6						
	E»GLYPHOMAX PLUS	0.56	LAA	13						
	F AM. SULFATE	8.50	PMG	13						
13A	CANOPY 75WG	0.188	LAA	6	99	89	0	99	99	96
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»COC	1.00	PMV	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
14A	DOMAIN 60DF	0.375	LAA	6	96	95	0	99	98	97
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»COC	1.00	PMV	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
15A	GLYPHOMAX PLUS	0.75	LAA	6	83	88	0	99	96	94
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D»GLYPHOMAX PLUS	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
16A	EXTREME 2.17L	0.813	LAA	6	98	90	0	99	99	98
	B»ACTIVATOR 90	0.125	PMV	6						
	C AM. SULFATE	15.00	PMG	6						
	D ROUNDUP ULTRA	0.56	LAA	13						
	E AM. SULFATE	8.50	PMG	13						
		LSD (0.05)			2.65	20.22	0.00	0.00	2.29	7.37
		STANDARD DEVIATION			1.30	9.90	0.00	0.00	1.12	3.61

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 06 = ----- / EPP 7DBP 05/02/2000(1)
 13 = ----- / LPOST 06/30/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA		06/30/2000	01	P	GLXMA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		06/30/2000	03	P	SETFA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL		06/30/2000	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR		06/30/2000	02	P	AMBTR	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA		07/12/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA		07/12/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL		07/12/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR		07/12/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA		07/27/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA		07/27/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL		07/27/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBTR		07/27/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 92B71RR

* STAGE CODE

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 19 = 9 OR MORE LEAVES UNFOLDED