

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: NA - NONE
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/22/00	AME
AIR TEMPERATURE	79	F
% REL.HUMIDITY	49	
WIND DIRECTION	WEST	
WIND SPEED	11.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	HGH/15	
PIONEER 92B71RR	7.50/7.50	IN
05/15/2000		
*** PEST ***		
VELVETLEAF	MED/14	
	3.00/3.00	IN
PIGWEEED, REDROOT	---/15	
	2.50/2.50	IN
LAMBSQUARTERS, C	MED/18	
	2.50/2.50	IN
SMARTWEED, PENNS	---/19	
	5.00/5.00	IN
FOXTAIL, GIANT	MED/15	
	5.00/5.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: DSPOSTRR POSTEMERGENCE WEED CONTROL IN GLYPHOSATE TOLERANT SOYBEANS SW-1500
CREATED: 05/12/2000 **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** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA		ABUTH	POLPY	SETFA	CHEAL
		RATE	UNIT		06/30/00	07/06/00				
1A»	ROUNDUP ULTRA	0.75	LAA 12		2	0	99	90	99	98
B	AM. SULFATE	8.50	PMG 12							
2A»	ROUNDUP ORIGIN	0.75	LAA 12		3	0	98	94	98	92
B»	ACTIVATOR 90	0.25	PMV 12							
C	AM. SULFATE	8.50	PMG 12							
3A»	ROUNDUP CUSTOM	0.75	LAA 12		0	0	98	83	99	86
B»	ACTIVATOR 90	0.25	PMV 12							
C	AM. SULFATE	8.50	PMG 12							
4A»	GLYPHOMAX PLUS	0.75	LAA 12		5	0	98	83	98	90
B	AM. SULFATE	8.50	PMG 12							
5A»	TOUCHDN IQ 3AE	0.75	LAA 12		6	0	98	77	99	97
B	AM. SULFATE	8.50	PMG 12							
6A»	TOUCHDN IQ 3AE	0.75	LAA 12		20	2	98	98	98	97
B»	FLEXSTAR 1.88M	0.12	LAA 12							
C	AM. SULFATE	8.50	PMG 12							
7A»	TOUCHDN IQ 3AE	0.75	LAA 12		20	3	98	96	98	98
B»	FLEXSTAR 1.88M	0.176	LAA 12							
C	AM. SULFATE	8.50	PMG 12							
8A»	TOUCHDN IQ 3AE	0.75	LAA 12		0	0	98	87	99	96
B»	FIRSTRATE 84WG	0.008	LAA 12							
C	AM. SULFATE	8.50	PMG 12							
9A»	TOUCHDN IQ 3AE	0.75	LAA 12		4	0	98	93	99	93
B»	FIRSTRATE 84WG	0.016	LAA 12							
C	AM. SULFATE	8.50	PMG 12							
10A»	EXTREME 2.17L	0.813	LAA 12		17	3	99	96	99	91
B»	ACTIVATOR 90	0.125	PMV 12							
C	AM. SULFATE	15.00	PMG 12							
11A	CHECK	0.00	NA 12		0	0	0	0	0	0
12A»	FLEXSTAR 1.88M	0.294	LAA 12		25	9	99	98	99	80
B	FUSION	0.208	LAA 12							
C»	MSO	1.00	PMV 12							
D	28% UAN	2.50	PMV 12							
13A»	FLEXSTAR 1.88M	0.294	LAA 12		25	10	99	99	85	78
B	PURSUIT DG (70	0.063	LAA 12							
C»	MSO	1.00	PMV 12							
D	28% UAN	2.50	PMV 12							
14A	COBRA 2EC	0.125	LAA 12		25	15	91	47	82	60
B	SELECT (2EC)	0.094	LAA 12							
C»	COC	1.00	PMV 12							
15A»	RAPTOR	0.039	LAA 12		18	7	92	99	88	86
B»	MSO	1.00	PMV 12							
C	28% UAN	2.50	PMV 12							
16A	BASAGRAN 4SL	1.00	LAA 12		32	13	98	99	91	82
B»	ULTRA BLAZER	0.16	LAA 12							
C	POAST + 1EC	0.20	LAA 12							
D	28% UAN	1.25	PMV 12							
LSD (0.05)					6.44	2.70	4.86	9.51	4.32	8.56
STANDARD DEVIATION					3.15	1.32	2.38	4.66	2.11	4.19

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LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	AMARE	GLXMA	ABUTH	POLPY	SETFA	CHEAL
	RATE	UNIT		07/06/00	07/20/00	07/20/00	07/20/00	07/20/00	07/20/00
1A»ROUNDUP ULTRA	0.75	LAA 12		99	0	99	99	99	96
B AM. SULFATE	8.50	PMG 12							
2A»ROUNDUP ORIGIN	0.75	LAA 12		99	0	98	99	98	93
B»ACTIVATOR 90	0.25	PMV 12							
C AM. SULFATE	8.50	PMG 12							
3A»ROUNDUP CUSTOM	0.75	LAA 12		99	0	98	96	99	89
B»ACTIVATOR 90	0.25	PMV 12							
C AM. SULFATE	8.50	PMG 12							
4A»GLYPHOMAX PLUS	0.75	LAA 12		99	0	98	98	99	91
B AM. SULFATE	8.50	PMG 12							
5A»TOUCHDN IQ 3AE	0.75	LAA 12		99	0	99	99	99	96
B AM. SULFATE	8.50	PMG 12							
6A»TOUCHDN IQ 3AE	0.75	LAA 12		99	0	98	98	99	96
B»FLEXSTAR 1.88M	0.12	LAA 12							
C AM. SULFATE	8.50	PMG 12							
7A»TOUCHDN IQ 3AE	0.75	LAA 12		99	0	98	99	98	95
B»FLEXSTAR 1.88M	0.176	LAA 12							
C AM. SULFATE	8.50	PMG 12							
8A»TOUCHDN IQ 3AE	0.75	LAA 12		99	0	98	99	99	95
B»FIRSTRATE 84WG	0.008	LAA 12							
C AM. SULFATE	8.50	PMG 12							
9A»TOUCHDN IQ 3AE	0.75	LAA 12		99	0	99	97	99	95
B»FIRSTRATE 84WG	0.016	LAA 12							
C AM. SULFATE	8.50	PMG 12							
10A»EXTREME 2.17L	0.813	LAA 12		99	0	98	99	99	96
B»ACTIVATOR 90	0.125	PMV 12							
C AM. SULFATE	15.00	PMG 12							
11A CHECK	0.00	NA 12		0	0	0	0	0	0
12A»FLEXSTAR 1.88M	0.294	LAA 12		99	0	98	98	99	69
B FUSION	0.208	LAA 12							
C»MSO	1.00	PMV 12							
D 28% UAN	2.50	PMV 12							
13A»FLEXSTAR 1.88M	0.294	LAA 12		99	0	99	99	82	78
B PURSUIT DG (70	0.063	LAA 12							
C»MSO	1.00	PMV 12							
D 28% UAN	2.50	PMV 12							
14A COBRA 2EC	0.125	LAA 12		99	0	93	0	80	57
B SELECT (2EC)	0.094	LAA 12							
C»COC	1.00	PMV 12							
15A»RAPTOR	0.039	LAA 12		99	0	96	93	96	90
B»MSO	1.00	PMV 12							
C 28% UAN	2.50	PMV 12							
16A BASAGRAN 4SL	1.00	LAA 12		99	0	97	98	81	77
B»ULTRA BLAZER	0.16	LAA 12							
C POAST + 1EC	0.20	LAA 12							
D 28% UAN	1.25	PMV 12							
LSD (0.05)				0.00	0.00	2.52	5.35	8.23	6.53
STANDARD DEVIATION				0.00	0.00	1.23	2.62	4.00	3.20

TITLE: DSPOSTRR POSTEMERGENCE WEED CONTROL IN GLYPHOSATE TOLERANT SOYBEANS SW-1500
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LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT TREATMENT		DOSAGE		AMARE	
NUM	COMPONENT	RATE	UNIT	TM	07/20/00
1A»	ROUNDUP ULTRA	0.75	LAA 12		99
B	AM. SULFATE	8.50	PMG 12		
2A»	ROUNDUP ORIGIN	0.75	LAA 12		99
B»	ACTIVATOR 90	0.25	PMV 12		
C	AM. SULFATE	8.50	PMG 12		
3A»	ROUNDUP CUSTOM	0.75	LAA 12		99
B»	ACTIVATOR 90	0.25	PMV 12		
C	AM. SULFATE	8.50	PMG 12		
4A»	GLYPHOMAX PLUS	0.75	LAA 12		99
B	AM. SULFATE	8.50	PMG 12		
5A»	TOUCHDN IQ 3AE	0.75	LAA 12		99
B	AM. SULFATE	8.50	PMG 12		
6A»	TOUCHDN IQ 3AE	0.75	LAA 12		99
B»	FLEXSTAR 1.88M	0.12	LAA 12		
C	AM. SULFATE	8.50	PMG 12		
7A»	TOUCHDN IQ 3AE	0.75	LAA 12		99
B»	FLEXSTAR 1.88M	0.176	LAA 12		
C	AM. SULFATE	8.50	PMG 12		
8A»	TOUCHDN IQ 3AE	0.75	LAA 12		99
B»	FIRSTRATE 84WG	0.008	LAA 12		
C	AM. SULFATE	8.50	PMG 12		
9A»	TOUCHDN IQ 3AE	0.75	LAA 12		99
B»	FIRSTRATE 84WG	0.016	LAA 12		
C	AM. SULFATE	8.50	PMG 12		
10A»	EXTREME 2.17L	0.813	LAA 12		99
B»	ACTIVATOR 90	0.125	PMV 12		
C	AM. SULFATE	15.00	PMG 12		
11A	CHECK	0.00	NA 12		0
12A»	FLEXSTAR 1.88M	0.294	LAA 12		99
B	FUSION	0.208	LAA 12		
C»	MSO	1.00	PMV 12		
D	28% UAN	2.50	PMV 12		
13A»	FLEXSTAR 1.88M	0.294	LAA 12		99
B	PURSUIT DG (70	0.063	LAA 12		
C»	MSO	1.00	PMV 12		
D	28% UAN	2.50	PMV 12		
14A	COBRA 2EC	0.125	LAA 12		99
B	SELECT (2EC)	0.094	LAA 12		
C»	COC	1.00	PMV 12		
15A»	RAPTOR	0.039	LAA 12		99
B»	MSO	1.00	PMV 12		
C	28% UAN	2.50	PMV 12		
16A	BASAGRAN 4SL	1.00	LAA 12		96
B»	ULTRA BLAZER	0.16	LAA 12		
C	POAST + 1EC	0.20	LAA 12		
D	28% UAN	1.25	PMV 12		
LSD (0.05)					2.08
STANDARD DEVIATION					1.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/22/2000 (1)

TITLE: DSPOSTRR POSTEMERGENCE WEED CONTROL IN GLYPHOSATE TOLERANT SOYBEANS SW-1500

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA		06/30/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA		07/06/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH		07/06/2000	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY		07/06/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA		07/06/2000	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL		07/06/2000	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMARE		07/06/2000	06	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA		07/20/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH		07/20/2000	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY		07/20/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA		07/20/2000	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL		07/20/2000	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMARE		07/20/2000	06	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 92B71RR