

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 40 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/02/00	06/14/00	06/19/00	06/21/00	AME
AIR TEMPERATURE	70	76	78	80	F
% REL.HUMIDITY	59	71	42	55	
WIND DIRECTION	NORTH	SOUTHWEST	SOUTH	WEST	
WIND SPEED	7.0	10.0	7.0	5.0	M/H
CLOUD COVER	CLOUDY	CLOUDY	CLOUDY	CLEAR	
DEW	NO	MOIST	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	40.00	40.00	40.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN	---/10	---/12	---/13	---/14	
PIONEER 92B71RR	2.00/2.00	5.00/5.00	6.00/6.00	7.00/7.00	IN
05/15/2000					
*** PEST ***					
VELVETLEAF	---/10	---/12	---/14	---/15	
	0.50/0.50	2.00/2.00	4.00/4.00	5.00/5.00	IN
FIGWEED, SMOOTH	---/10	---/11	---/18	---/19	
	0.50/0.50	2.00/2.00	3.00/3.00	5.00/5.00	IN
RAGWEED, GIANT	---/11	---/15	---/18	---/19	
	1.00/1.00	5.00/5.00	8.00/8.00	12.0/12.0	IN
LAMBSQUARTERS, C	---/12	---/15	---/19	---/19	
	0.50/0.50	1.50/1.50	3.00/3.00	5.00/5.00	IN
FOXTAIL, GIANT	---/11	---/12	---/13	---/14	
	0.50/0.50	3.00/3.00	6.00/6.00	8.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

- 10 = COTYLEDONS COMPLETELY UNFOLDED
- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: DROWSPC ROW SPACING/WEED COMP IN RR-SOY 7.5"/15"/30" SW-1900
CREATED: 04/24/2000 **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** 40.00 FT **LONG** **REPS:** 04

TRT	TREATMENT	DOSAGE		GLXMA	AMBTR	SETFA	CHEAL	ABUTH	AMACH
NUM	COMPONENT	RATE	UNIT	30 DAT	30 DAT	30 DAT	30 DAT	30 DAT	30 DAT
			TM	07/19/00	07/19/00	07/19/00	07/19/00	07/19/00	07/19/00
1A	CHECK	0.00	NA	0	0	0	0	0	0
	B»DRILLED	0.00	NA	0					
2A»	WEED FREE	0.00	NA	0	99	99	99	99	99
	B»DRILLED	0.00	NA	0					
3A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	11					
	C»DRILLED	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					
4A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	12					
	C»DRILLED	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					
5A	ROUNDUP ULTRA	0.75	LAA	13	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	13					
	C»DRILLED	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					
6A	ROUNDUP ULTRA	0.75	LAA	14	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	14					
	C»DRILLED	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					
7A	ROUNDUP ULTRA	0.75	LAA	11	0	54	61	74	83
	B AM. SULFATE	17.00	PMG	11					
	C»DRILLED	0.00	NA	0					
	D»RE-INFEST	0.00	NA	0					
8A	ROUNDUP ULTRA	0.75	LAA	12	0	73	85	86	91
	B AM. SULFATE	17.00	PMG	12					
	C»DRILLED	0.00	NA	0					
	D»RE-INFEST	0.00	NA	0					
9A	ROUNDUP ULTRA	0.75	LAA	13	0	92	95	93	91
	B AM. SULFATE	17.00	PMG	13					
	C»DRILLED	0.00	NA	0					
	D»RE-INFEST	0.00	NA	0					
10A	ROUNDUP ULTRA	0.75	LAA	14	0	99	99	97	90
	B AM. SULFATE	17.00	PMG	14					
	C»DRILLED	0.00	NA	0					
	D»RE-INFEST	0.00	NA	0					
11A	CHECK	0.00	NA	0	0	0	0	0	0
	B»15" ROWS	0.00	NA	0					
12A»	WEED FREE	0.00	NA	0	99	99	99	99	99
	B»15" ROWS	0.00	NA	0					
13A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	11					
	C»15" ROWS	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					
14A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	12					
	C»15" ROWS	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					
15A	ROUNDUP ULTRA	0.75	LAA	13	0	99	99	99	99
	B AM. SULFATE	17.00	PMG	13					
	C»15" ROWS	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					

TITLE: DROWSPC ROW SPACING/WEED COMP IN RR-SOY 7.5"/15"/30" SW-1900

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMBTR	SETFA	CHEAL	ABUTH	AMACH
		RATE	UNIT	TM	30 DAT 07/19/00	30 DAT 07/19/00	30 DAT 07/19/00	30 DAT 07/19/00	30 DAT 07/19/00	30 DAT 07/19/00
16A	ROUNDUP ULTRA	0.75	LAA	14	0	99	99	99	99	99
	B AM. SULFATE	17.00	PMG	14						
	C»15" ROWS	0.00	NA	0						
	D»WEED FREE	0.00	NA	0						
17A	ROUNDUP ULTRA	0.75	LAA	11	0	40	70	78	81	81
	B AM. SULFATE	17.00	PMG	11						
	C»15" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
18A	ROUNDUP ULTRA	0.75	LAA	12	0	71	88	86	91	90
	B AM. SULFATE	17.00	PMG	12						
	C»15" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
19A	ROUNDUP ULTRA	0.75	LAA	13	0	91	98	93	88	92
	B AM. SULFATE	17.00	PMG	13						
	C»15" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
20A	ROUNDUP ULTRA	0.75	LAA	14	0	99	99	98	91	96
	B AM. SULFATE	17.00	PMG	14						
	C»15" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
21A	CHECK	0.00	NA	0	0	0	0	0	0	0
	B»30" ROWS	0.00	NA	0						
22A»	WEED FREE	0.00	NA	0	0	99	99	99	99	99
	B»30" ROWS	0.00	NA	0						
23A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	99	99	99
	B AM. SULFATE	17.00	PMG	11						
	C»30" ROWS	0.00	NA	0						
	D»WEED FREE	0.00	NA	0						
24A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	99	99	99
	B AM. SULFATE	17.00	PMG	12						
	C»30" ROWS	0.00	NA	0						
	D»WEED FREE	0.00	NA	0						
25A	ROUNDUP ULTRA	0.75	LAA	13	0	99	99	99	99	99
	B AM. SULFATE	17.00	PMG	13						
	C»30" ROWS	0.00	NA	0						
	D»WEED FREE	0.00	NA	0						
26A	ROUNDUP ULTRA	0.75	LAA	14	0	99	99	99	99	99
	B AM. SULFATE	17.00	PMG	14						
	C»30" ROWS	0.00	NA	0						
	D»WEED FREE	0.00	NA	0						
27A	ROUNDUP ULTRA	0.75	LAA	11	0	33	70	75	77	71
	B AM. SULFATE	17.00	PMG	11						
	C»30" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
28A	ROUNDUP ULTRA	0.75	LAA	12	0	56	84	86	82	80
	B AM. SULFATE	17.00	PMG	12						
	C»30" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
29A	ROUNDUP ULTRA	0.75	LAA	13	0	83	92	93	92	85
	B AM. SULFATE	17.00	PMG	13						
	C»30" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
30A	ROUNDUP ULTRA	0.75	LAA	14	0	93	98	98	92	96
	B AM. SULFATE	17.00	PMG	14						
	C»30" ROWS	0.00	NA	0						
	D»RE-INFEST	0.00	NA	0						
		LSD (0.05)			0.00	4.43	3.40	3.51	2.75	2.76
		STANDARD DEVIATION			0.00	2.24	1.72	1.77	1.39	1.39

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CREATED: 04/24/2000 **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** 40.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/10/00
		RATE	UNIT	
1A	CHECK	0.00	NA 0	7.4
	B»DRILLED	0.00	NA 0	
2A»	WEED FREE	0.00	NA 0	48.6
	B»DRILLED	0.00	NA 0	
3A	ROUNDUP ULTRA	0.75	LAA 11	53.0
	B AM. SULFATE	17.00	PMG 11	
	C»DRILLED	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	
4A	ROUNDUP ULTRA	0.75	LAA 12	50.9
	B AM. SULFATE	17.00	PMG 12	
	C»DRILLED	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	
5A	ROUNDUP ULTRA	0.75	LAA 13	49.1
	B AM. SULFATE	17.00	PMG 13	
	C»DRILLED	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	
6A	ROUNDUP ULTRA	0.75	LAA 14	48.6
	B AM. SULFATE	17.00	PMG 14	
	C»DRILLED	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	
7A	ROUNDUP ULTRA	0.75	LAA 11	16.2
	B AM. SULFATE	17.00	PMG 11	
	C»DRILLED	0.00	NA 0	
	D»RE-INFEST	0.00	NA 0	
8A	ROUNDUP ULTRA	0.75	LAA 12	28.5
	B AM. SULFATE	17.00	PMG 12	
	C»DRILLED	0.00	NA 0	
	D»RE-INFEST	0.00	NA 0	
9A	ROUNDUP ULTRA	0.75	LAA 13	45.2
	B AM. SULFATE	17.00	PMG 13	
	C»DRILLED	0.00	NA 0	
	D»RE-INFEST	0.00	NA 0	
10A	ROUNDUP ULTRA	0.75	LAA 14	47.3
	B AM. SULFATE	17.00	PMG 14	
	C»DRILLED	0.00	NA 0	
	D»RE-INFEST	0.00	NA 0	
11A	CHECK	0.00	NA 0	11.2
	B»15" ROWS	0.00	NA 0	
12A»	WEED FREE	0.00	NA 0	52.2
	B»15" ROWS	0.00	NA 0	
13A	ROUNDUP ULTRA	0.75	LAA 11	53.4
	B AM. SULFATE	17.00	PMG 11	
	C»15" ROWS	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	
14A	ROUNDUP ULTRA	0.75	LAA 12	50.4
	B AM. SULFATE	17.00	PMG 12	
	C»15" ROWS	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	
15A	ROUNDUP ULTRA	0.75	LAA 13	43.3
	B AM. SULFATE	17.00	PMG 13	
	C»15" ROWS	0.00	NA 0	
	D»WEED FREE	0.00	NA 0	

TITLE: DROWSPC ROW SPACING/WEED COMP IN RR-SOY 7.5"/15"/30" SW-1900

TRT NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/10/00
		RATE	UNIT	TM	
16A	ROUNDUP ULTRA	0.75	LAA	14	47.6
	B AM. SULFATE	17.00	PMG	14	
	C»15" ROWS	0.00	NA	0	
	D»WEED FREE	0.00	NA	0	
17A	ROUNDUP ULTRA	0.75	LAA	11	19.9
	B AM. SULFATE	17.00	PMG	11	
	C»15" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
18A	ROUNDUP ULTRA	0.75	LAA	12	33.6
	B AM. SULFATE	17.00	PMG	12	
	C»15" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
19A	ROUNDUP ULTRA	0.75	LAA	13	48.7
	B AM. SULFATE	17.00	PMG	13	
	C»15" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
20A	ROUNDUP ULTRA	0.75	LAA	14	46.6
	B AM. SULFATE	17.00	PMG	14	
	C»15" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
21A	CHECK	0.00	NA	0	14.1
	B»30" ROWS	0.00	NA	0	
22A»	WEED FREE	0.00	NA	0	50.1
	B»30" ROWS	0.00	NA	0	
23A	ROUNDUP ULTRA	0.75	LAA	11	55.8
	B AM. SULFATE	17.00	PMG	11	
	C»30" ROWS	0.00	NA	0	
	D»WEED FREE	0.00	NA	0	
24A	ROUNDUP ULTRA	0.75	LAA	12	50.6
	B AM. SULFATE	17.00	PMG	12	
	C»30" ROWS	0.00	NA	0	
	D»WEED FREE	0.00	NA	0	
25A	ROUNDUP ULTRA	0.75	LAA	13	46.2
	B AM. SULFATE	17.00	PMG	13	
	C»30" ROWS	0.00	NA	0	
	D»WEED FREE	0.00	NA	0	
26A	ROUNDUP ULTRA	0.75	LAA	14	49.0
	B AM. SULFATE	17.00	PMG	14	
	C»30" ROWS	0.00	NA	0	
	D»WEED FREE	0.00	NA	0	
27A	ROUNDUP ULTRA	0.75	LAA	11	20.2
	B AM. SULFATE	17.00	PMG	11	
	C»30" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
28A	ROUNDUP ULTRA	0.75	LAA	12	42.7
	B AM. SULFATE	17.00	PMG	12	
	C»30" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
29A	ROUNDUP ULTRA	0.75	LAA	13	46.8
	B AM. SULFATE	17.00	PMG	13	
	C»30" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
30A	ROUNDUP ULTRA	0.75	LAA	14	49.3
	B AM. SULFATE	17.00	PMG	14	
	C»30" ROWS	0.00	NA	0	
	D»RE-INFEST	0.00	NA	0	
		LSD (0.05)			8.10
		STANDARD DEVIATION			4.09

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/02/2000(1)
 12 = ----- / POST 06/14/2000(2)
 13 = ----- / LPOST 06/19/2000(3)
 14 = ----- / VLPOST 06/21/2000(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	30 DAT	07/19/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	30 DAT	07/19/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	30 DAT	07/19/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	30 DAT	07/19/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	30 DAT	07/19/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMACH	30 DAT	07/19/2000	06	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/10/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 92B71RR