

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/21/99	06/10/99	06/15/99	06/18/99	06/24/99	AME
AIR TEMPERATURE	74	90	71	67	81	F
% REL.HUMIDITY	54	50	50	51	70	
WIND DIRECTION	SOUTHWEST	SOUTH	WEST	NORTH	NORTHWEST	
WIND SPEED	6.0	10.0	2.0	2.0	3.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	CLOUDY	CLEAR	PARTCLDY	
DEW	NO	NO	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	WET/MOIST	MOIST/MOI	MOIST/WET	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	40.00	40.00	40.00	40.00	40.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT						
DENSITY /						
*** CROP ***						
SOYBEAN		---/11	---/12	---/13	---/15	
PIONEER 92B71RR		3.00/3.00	4.00/5.00	6.00/6.00	8.00/9.00	IN
05/21/1999						
*** PEST ***						
RAGWEED, GIANT		---/13	---/16	---/18	---/19	
LAMBSQUARTERS, C		2.00/3.00	4.00/6.00	6.00/8.00	8.00/12.0	IN
FOXTAIL, GIANT		---/14	---/16	---/18	---/19	
		1.00/1.00	1.00/2.00	2.00/3.00	2.00/4.00	IN
		---/12	---/13	---/13	---/14	
		1.00/3.00	2.00/4.00	4.00/5.00	5.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: SROWSPAC ROW SPACING/WEED COMP IN RR-SOY DRILL/15"/30" SW-900
CREATED: 04/15/1999 **REVISED:** 09/15/1999 **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:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMBTR	SETFA	CHEAL	YIELD
		RATE	UNIT		CON % 07/16/99	CON % 07/16/99	CON % 07/16/99	CON % 07/16/99	BU/A 10/14/99
1A	CHECK	0.00	NA	0	0	99	99	99	13
	B»DRILLED	0.00	NA	0					
2A»	HAND WEEDED	0.00	NA	0	0	99	99	99	52
	B»DRILLED	0.00	NA	0					
3A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	99	56
	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	51
	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	57
	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	52
	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	59	68	70	28
	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	76	83	89	50
	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	89	92	93	50
	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	5	90	96	94	46
	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	99	99	99	11
	B»15" ROWS	0.00	NA	0					
12A»	HAND WEEDED	0.00	NA	0	0	99	99	99	55
	B»15" ROWS	0.00	NA	0					
13A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	99	52
	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	50
	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	57
	B AM. SULFATE	17.00	PMG	13					
	C»15" ROWS	0.00	NA	0					
	D»WEED FREE	0.00	NA	0					

TITLE: SROWSPAC ROW SPACING/WEED COMP IN RR-SOY DRILL/15"/30" SW-900

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMBTR	SETFA	CHEAL	YIELD
		RATE	UNIT	TM	CON % 07/16/99	CON % 07/16/99	CON % 07/16/99	CON % 07/16/99	BU/A 10/14/99
16A	ROUNDUP ULTRA	0.75	LAA	14	0	99	99	99	60
	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	43	68	85	29
	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	75	85	94	43
	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	90	94	95	53
	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	1	89	94	96	56
	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	99	99	99	11
	B»30" ROWS	0.00	NA	0					
22A»	HAND WEEDED	0.00	NA	0	0	99	99	99	51
	B»30" ROWS	0.00	NA	0					
23A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	99	57
	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	55
	B AM. SULFATE	17.00	PMG	12					
	C»30" ROWS	0.00	NA	0					
	D»RE-INFEST	0.00	NA	0					
25A	ROUNDUP ULTRA	0.75	LAA	13	0	99	99	99	57
	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	55
	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	35	53	69	22
	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	55	65	83	38
	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	70	76	88	43
	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	1	85	91	94	50
	B AM. SULFATE	17.00	PMG	14					
	C»30" ROWS	0.00	NA	0					
	D»RE-INFEST	0.00	NA	0					
			LSD (0.05)		0.909	6.06	4.59	4.20	10.07
			STANDARD DEVIATION		0.459	3.06	2.32	2.12	5.09

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/10/1999(2)
 12 = ----- / POST 06/15/1999(3)
 13 = ----- / LPOST 06/18/1999(4)
 14 = ----- / VLPOST 06/24/1999(5)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	07/16/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	CON %	07/16/1999	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/16/1999	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	07/16/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	10/14/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 92B71RR