

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/20/02	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	50	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	10.0	M/H
CLOUD COVER	PARTCLDY	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
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	---/13	
ASGROW 2703 RR	6.00/6.00	IN
05/10/2002		
*** PEST ***		
RAGWEED, GIANT	---/13	
	2.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES

DATA MEAN

TITLE: Glyphosate rates and row spacing for giant ragweed control in soybean SW-900

CREATED: 11/12/2002 REVISED: 11/13/2002

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		GLXMA CON %	AMBTR CON %	GLXMA CON %	AMBTR CON %	GLXMA CON %	AMBTR CON %
		RATE	UNIT TM	07/07/02	07/07/02	07/22/02	07/22/02	08/05/02	08/05/02
1A»	RNDUP ULTRA MA	0.75	LAA 12	0	97	0	95	0	87
B»	LIQUID AMS	2.50	PMV 12						
C»	30" ROWS	0.00	NA 0						
2A»	RNDUP ULTRA MA	0.75	LAA 12	0	97	0	96	0	91
B»	LIQUID AMS	2.50	PMV 12						
C»	DRILLED	0.00	NA 0						
3A»	RNDUP ULTRA MA	0.75	LAA 12	0	97	0	98	0	88
B»	LIQUID AMS	2.50	PMV 12						
C»	15" ROWS	0.00	NA 0						
4A»	RNDUP ULTRA MA	0.375	LAA 12	0	96	0	88	0	73
B»	LIQUID AMS	2.50	PMV 12						
C»	30" ROWS	0.00	NA 0						
5A»	RNDUP ULTRA MA	0.375	LAA 12	0	96	0	86	0	67
B»	LIQUID AMS	2.50	PMV 12						
C»	DRILLED	0.00	NA 0						
6A»	RNDUP ULTRA MA	0.375	LAA 12	0	96	0	87	0	68
B»	LIQUID AMS	2.50	PMV 12						
C»	15" ROWS	0.00	NA 0						
7A»	RNDUP ULTRA MA	0.188	LAA 12	0	85	0	82	0	67
B»	LIQUID AMS	2.50	PMV 12						
C»	30" ROWS	0.00	NA 0						
8A»	RNDUP ULTRA MA	0.188	LAA 12	0	85	0	77	0	60
B»	LIQUID AMS	2.50	PMV 12						
C»	DRILLED	0.00	NA 0						
9A»	RNDUP ULTRA MA	0.188	LAA 12	0	85	0	77	0	58
B»	LIQUID AMS	2.50	PMV 12						
C»	15" ROWS	0.00	NA 0						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
B»	30" ROWS	0.00	NA 0						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
B»	DRILLED	0.00	NA 0						
12A	CHECK	0.00	NA 0	0	0	0	0	0	0
B»	15" ROWS	0.00	NA 0						
13A»	WEED FREE	0.00	NA 0	0	99	0	99	0	99
B»	30" ROWS	0.00	NA 0						
14A»	WEED FREE	0.00	NA 0	0	99	0	99	0	99
B»	DRILLED	0.00	NA 0						
15A»	WEED FREE	0.00	NA 0	0	99	0	99	0	99
B»	15" ROWS	0.00	NA 0						
			LSD (0.05)	0.00	1.74	0.00	6.68	0.00	9.77
			STANDARD DEVIATION	0.00	0.851	0.00	3.26	0.00	4.77

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 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		YIELD	
		RATE	UNIT	TM	BU/A 10/19/02
1A	RNDUP ULTRA MA	0.75	LAA	12	30.8
B	LIQUID AMS	2.50	PMV	12	
C	30" ROWS	0.00	NA	0	
2A	RNDUP ULTRA MA	0.75	LAA	12	27.1
B	LIQUID AMS	2.50	PMV	12	
C	DRILLED	0.00	NA	0	
3A	RNDUP ULTRA MA	0.75	LAA	12	35.9
B	LIQUID AMS	2.50	PMV	12	
C	15" ROWS	0.00	NA	0	
4A	RNDUP ULTRA MA	0.375	LAA	12	22.8
B	LIQUID AMS	2.50	PMV	12	
C	30" ROWS	0.00	NA	0	
5A	RNDUP ULTRA MA	0.375	LAA	12	22.0
B	LIQUID AMS	2.50	PMV	12	
C	DRILLED	0.00	NA	0	
6A	RNDUP ULTRA MA	0.375	LAA	12	20.8
B	LIQUID AMS	2.50	PMV	12	
C	15" ROWS	0.00	NA	0	
7A	RNDUP ULTRA MA	0.188	LAA	12	28.3
B	LIQUID AMS	2.50	PMV	12	
C	30" ROWS	0.00	NA	0	
8A	RNDUP ULTRA MA	0.188	LAA	12	20.4
B	LIQUID AMS	2.50	PMV	12	
C	DRILLED	0.00	NA	0	
9A	RNDUP ULTRA MA	0.188	LAA	12	23.3
B	LIQUID AMS	2.50	PMV	12	
C	15" ROWS	0.00	NA	0	
10A	CHECK	0.00	NA	0	3.0
B	30" ROWS	0.00	NA	0	
11A	CHECK	0.00	NA	0	3.1
B	DRILLED	0.00	NA	0	
12A	CHECK	0.00	NA	0	3.0
B	15" ROWS	0.00	NA	0	
13A	WEED FREE	0.00	NA	0	29.8
B	30" ROWS	0.00	NA	0	
14A	WEED FREE	0.00	NA	0	35.7
B	DRILLED	0.00	NA	0	
15A	WEED FREE	0.00	NA	0	32.3
B	15" ROWS	0.00	NA	0	
				LSD (0.05)	14.57
				STANDARD DEVIATION	7.11

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/20/2002 (1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	GLXMA	CON %	07/07/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
02	AMBTR	CON %	07/07/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	07/22/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBTR	CON %	07/22/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	08/05/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMBTR	CON %	08/05/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	YIELD	BU/A	10/19/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR