

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	07/10/02	AME
AIR TEMPERATURE	79	F
% REL.HUMIDITY	59	
WIND DIRECTION	EAST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLOUDY	
DEW	DRY	
SOIL MOISTURE	DRY/DRY	
SOIL CONDITION	COMPACT	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER		IN
NOZZLE SPACING		FT
SWATH WIDTH		
SPRAY VOLUME		
VOLUME UNIT		
PRESSURE		PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
VELVETLEAF	HGH/16 4.00/4.00	IN
LAMBSQUARTERS, C	HGH/16 4.00/4.00	IN
SOYBEAN	---/17	
ASGROW 2703 RR 05/27/2002	8.00/8.00	IN
FOXTAIL, GIANT	HGH/19 10.0/12.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 19 = 9 OR MORE LEAVES UNFOLDED

DATA MEAN

TITLE: Glyphosate comparison in soybean SW - 1500

CREATED: 08/15/2002 REVISED: 11/21/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	ABUTH	CHEAL	GLXMA	SETFA	
		RATE	UNIT	TM	CON % 07/23/02	CON % 07/23/02	CON % 07/23/02	CON % 07/23/02	CON % 08/07/02	CON % 08/07/02	
1A»	RNDUP ULTRA MA	0.188	LAA	12	0	81	67	67	0	75	
B»	LIQUID AMS	2.50	PMV	12							
2A»	WEATHERMAX 4.5	0.188	LAA	12	0	80	66	63	0	80	
B»	LIQUID AMS	2.50	PMV	12							
3A»	MON 78460 4.5L	0.188	LAA	12	0	82	67	63	0	81	
B»	LIQUID AMS	2.50	PMV	12							
4A»	GLYPHOMAX PLUS	0.188	LAA	12	0	77	65	65	0	75	
B»	LIQUID AMS	2.50	PMV	12							
5A»	TOUCHDOWN 3L	0.188	LAA	12	0	81	67	63	0	72	
B»	LIQUID AMS	2.50	PMV	12							
6A»	CLEAROUT 41 PL	0.188	LAA	12	0	81	67	67	0	87	
B»	LIQUID AMS	2.50	PMV	12							
7A	CHECK	0.00	NA	0	0	0	0	0	0	0	
8A»	RNDUP ULTRA MA	0.375	LAA	12	0	96	74	70	0	94	
B»	LIQUID AMS	2.50	PMV	12							
9A»	WEATHERMAX 4.5	0.375	LAA	12	0	96	77	73	0	96	
B»	LIQUID AMS	2.50	PMV	12							
10A»	MON 78460 4.5L	0.375	LAA	12	0	96	76	73	0	96	
B»	LIQUID AMS	2.50	PMV	12							
11A»	GLYPHOMAX PLUS	0.375	LAA	12	0	94	76	72	0	93	
B»	LIQUID AMS	2.50	PMV	12							
12A»	TOUCHDOWN 3L	0.375	LAA	12	0	98	79	73	0	95	
B»	LIQUID AMS	2.50	PMV	12							
13A»	CLEAROUT 41 PL	0.375	LAA	12	0	94	75	70	0	88	
B»	LIQUID AMS	2.50	PMV	12							
14A»	RNDUP ULTRA MA	0.75	LAA	12	0	98	97	97	0	99	
B»	LIQUID AMS	2.50	PMV	12							
15A»	WEATHERMAX 4.5	0.75	LAA	12	0	99	97	97	0	99	
B»	LIQUID AMS	2.50	PMV	12							
16A»	MON 78460 4.5L	0.75	LAA	12	0	99	96	99	0	95	
B»	LIQUID AMS	2.50	PMV	12							
17A»	GLYPHOMAX PLUS	0.75	LAA	12	0	98	97	97	0	99	
B»	LIQUID AMS	2.50	PMV	12							
18A»	TOUCHDOWN 3L	0.75	LAA	12	0	99	98	98	0	99	
B»	LIQUID AMS	2.50	PMV	12							
19A»	CLEAROUT 41 PL	0.75	LAA	12	0	99	96	98	0	99	
B»	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	0.00	2.26	3.00	3.67	0.00	7.91
					STANDARD DEVIATION	0.00	1.12	1.46	1.82	0.00	3.91

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	CHEAL
		RATE	UNIT	TM	CON % 08/07/02	CON % 08/07/02
1A»	RNDUP ULTRA MA	0.188	LAA	12	65	67
B»	LIQUID AMS	2.50	PMV	12		
2A»	WEATHERMAX 4.5	0.188	LAA	12	67	68
B»	LIQUID AMS	2.50	PMV	12		
3A»	MON 78460 4.5L	0.188	LAA	12	67	70
B»	LIQUID AMS	2.50	PMV	12		
4A»	GLYPHOMAX PLUS	0.188	LAA	12	60	70
B»	LIQUID AMS	2.50	PMV	12		
5A»	TOUCHDOWN 3L	0.188	LAA	12	58	67
B»	LIQUID AMS	2.50	PMV	12		
6A»	CLEAROUT 41 PL	0.188	LAA	12	52	73
B»	LIQUID AMS	2.50	PMV	12		
7A	CHECK	0.00	NA	0	0	0
8A»	RNDUP ULTRA MA	0.375	LAA	12	82	88
B»	LIQUID AMS	2.50	PMV	12		
9A»	WEATHERMAX 4.5	0.375	LAA	12	77	96
B»	LIQUID AMS	2.50	PMV	12		
10A»	MON 78460 4.5L	0.375	LAA	12	75	87
B»	LIQUID AMS	2.50	PMV	12		
11A»	GLYPHOMAX PLUS	0.375	LAA	12	73	82
B»	LIQUID AMS	2.50	PMV	12		
12A»	TOUCHDOWN 3L	0.375	LAA	12	75	89
B»	LIQUID AMS	2.50	PMV	12		
13A»	CLEAROUT 41 PL	0.375	LAA	12	67	72
B»	LIQUID AMS	2.50	PMV	12		
14A»	RNDUP ULTRA MA	0.75	LAA	12	92	96
B»	LIQUID AMS	2.50	PMV	12		
15A»	WEATHERMAX 4.5	0.75	LAA	12	86	99
B»	LIQUID AMS	2.50	PMV	12		
16A»	MON 78460 4.5L	0.75	LAA	12	92	99
B»	LIQUID AMS	2.50	PMV	12		
17A»	GLYPHOMAX PLUS	0.75	LAA	12	90	96
B»	LIQUID AMS	2.50	PMV	12		
18A»	TOUCHDOWN 3L	0.75	LAA	12	98	98
B»	LIQUID AMS	2.50	PMV	12		
19A»	CLEAROUT 41 PL	0.75	LAA	12	90	97
B»	LIQUID AMS	2.50	PMV	12		
		LSD (0.05)			10.92	12.20
		STANDARD DEVIATION			5.40	6.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 07/10/2002(1)

DATA MEAN

TITLE: Glyphosate comparison in soybean SW - 1500

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
01	GLXMA	CON %	07/23/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	07/23/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	07/23/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	07/23/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	08/07/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	08/07/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ABUTH	CON %	08/07/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	CHEAL	CON %	08/07/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR