

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	13	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/23/03	07/02/03	AME
AIR TEMPERATURE	89	88	F
% REL.HUMIDITY	32	47	
WIND DIRECTION	SOUTHWEST	WEST	
WIND SPEED	9.0	3.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/DRY	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
VELVETLEAF	MED/15 2.00/2.00	MED/18 10.0/10.0	IN
RAGWEED, GIANT	HGH/16 4.00/4.00	HGH/19 16.0/16.0	IN
LAMBSQUARTERS, C	HGH/18 2.00/2.00	HGH/19 7.00/7.00	IN
SOYBEAN KALTENBERG 264 R 05/24/2003		---/17 11.0/11.0	IN
FOXTAIL, GIANT	HGH/14 3.00/3.00	HGH/16 7.00/7.00	IN

* TIMING CODES

12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate comparisons in soybean SW-300
CREATED: 05/05/2003 **REVISED:** 11/06/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	SETFA	AMBTR	CHEAL	ABUTH
		RATE	UNIT		CON % 07/02/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03
1A»	TOUCHDN KPMG 4	0.75	LAA 12		0	0	99	92	98	98
B»	LIQUID AMS	2.50	PMV 12							
2A»	WEATHERMAX 4.5	0.75	LAA 12		0	0	99	93	98	98
B»	LIQUID AMS	2.50	PMV 12							
3A»	TOUCHDN PMGA 3	0.75	LAA 12		0	0	99	93	96	99
B»	LIQUID AMS	2.50	PMV 12							
4A»	GLYPHOMAX PLUS	0.75	LAA 12		0	0	99	95	95	98
B»	LIQUID AMS	2.50	PMV 12							
5A»	GLYPHOMAX HC 5	0.75	LAA 12		0	0	99	96	94	99
B»	LIQUID AMS	2.50	PMV 12							
6A	CHECK	0.00	NA 0		0	0	0	0	0	0
7A»	CLEAROUT 41 PL	0.75	LAA 12		0	0	99	94	97	99
B»	LIQUID AMS	2.50	PMV 12							
8A»	CORNERSTONE 3L	0.75	LAA 12		0	0	99	91	95	99
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
9A»	CREDIT 3AE	0.75	LAG 12		0	0	99	94	95	99
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
10A»	RNDUP ULTRA MA	0.75	LAA 12		0	0	99	91	95	99
B»	LIQUID AMS	2.50	PMV 12							
11A»	RDUP ORIG II 3	0.75	LAA 12		0	0	99	93	95	99
B»	LIQUID AMS	2.50	PMV 12							
12A»	ROUNDUP ORIGIN	0.75	LAA 12		0	0	99	95	95	99
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
13A»	ROUNDUP ULTRA	0.75	LAA 12		0	0	99	96	98	99
B»	LIQUID AMS	2.50	PMV 12							
14A»	ROUNDUP CUSTOM	0.75	LAA 12		0	0	99	90	83	99
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
15A»	EXTREME 2.17L	0.814	LAA 12		0	0	99	94	96	99
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	3.67	PMV 12							
16A»	TOUCHDN KPMG 4	0.75	LAA 13			0	99	92	98	99
B»	LIQUID AMS	2.50	PMV 13							
17A»	WEATHERMAX 4.5	0.75	LAA 13			0	99	96	99	99
B»	LIQUID AMS	2.50	PMV 13							
18A»	RNDUP ULTRA MA	0.75	LAA 13			0	99	91	96	99
B»	LIQUID AMS	2.50	PMV 13							
19A»	TOUCHDN KPMG 4	1.50	LAA 13			0	99	98	99	99
B»	LIQUID AMS	2.50	PMV 13							
20A»	WEATHERMAX 4.5	1.50	LAA 13			0	99	96	99	99
B»	LIQUID AMS	2.50	PMV 13							
21A»	RNDUP ULTRA MA	1.50	LAA 13			0	99	98	99	99
B»	LIQUID AMS	2.50	PMV 13							
22A»	TOUCHDN KPMG 4	2.25	LAA 13			0	99	99	99	99
B»	LIQUID AMS	2.50	PMV 13							

TITLE: Glyphosate comparisons in soybean SW-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	GLXMA	SETFA	AMBTR	CHEAL	ABUTH
		RATE	UNIT TM	CON % 07/02/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03
23A	WEATHERMAX 4.5	2.25	LAA 13		0	99	98	99	99
B	LIQUID AMS	2.50	PMV 13						
24A	RNDUP ULTRA MA	2.25	LAA 13		0	99	99	99	99
B	LIQUID AMS	2.50	PMV 13						
		LSD (0.05)		0.00	0.00	0.00	3.74	4.28	1.30
		STANDARD DEVIATION		0.00	0.00	0.00	1.87	2.14	0.649

TITLE: Glyphosate comparisons in soybean SW-300
CREATED: 05/05/2003 **REVISED:** 11/06/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR	CHEAL	ABUTH	YIELD BU/A 10/01/03
		RATE	UNIT		CON % 08/04/03	CON % 08/04/03	CON % 08/04/03	CON % 08/04/03	CON % 08/04/03	
1A»	TOUCHDN KPMG 4	0.75	LAA 12		0	99	88	94	99	30.2
B»	LIQUID AMS	2.50	PMV 12							
2A»	WEATHERMAX 4.5	0.75	LAA 12		0	99	90	99	99	34.7
B»	LIQUID AMS	2.50	PMV 12							
3A»	TOUCHDN PMGA 3	0.75	LAA 12		0	99	91	93	99	31.7
B»	LIQUID AMS	2.50	PMV 12							
4A»	GLYPHOMAX PLUS	0.75	LAA 12		0	99	98	92	99	35.4
B»	LIQUID AMS	2.50	PMV 12							
5A»	GLYPHOMAX HC 5	0.75	LAA 12		0	99	92	95	99	39.1
B»	LIQUID AMS	2.50	PMV 12							
6A	CHECK	0.00	NA 0		0	0	0	0	0	5.9
7A»	CLEAROUT 41 PL	0.75	LAA 12		0	99	94	93	99	32.6
B»	LIQUID AMS	2.50	PMV 12							
8A»	CORNERSTONE 3L	0.75	LAA 12		0	99	92	98	99	33.4
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
9A»	CREDIT 3AE	0.75	LAG 12		0	99	95	94	99	34.3
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
10A»	RNDUP ULTRA MA	0.75	LAA 12		0	99	91	96	99	32.5
B»	LIQUID AMS	2.50	PMV 12							
11A»	RDUP ORIG II 3	0.75	LAA 12		0	99	93	90	99	31.0
B»	LIQUID AMS	2.50	PMV 12							
12A»	ROUNDUP ORIGIN	0.75	LAA 12		0	99	96	98	99	34.9
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
13A»	ROUNDUP ULTRA	0.75	LAA 12		0	99	99	98	99	36.2
B»	LIQUID AMS	2.50	PMV 12							
14A»	ROUNDUP CUSTOM	0.75	LAA 12		0	99	93	78	99	35.4
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
15A»	EXTREME 2.17L	0.814	LAA 12		0	99	92	97	99	36.0
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	3.67	PMV 12							
16A»	TOUCHDN KPMG 4	0.75	LAA 13		0	99	98	98	99	35.1
B»	LIQUID AMS	2.50	PMV 13							
17A»	WEATHERMAX 4.5	0.75	LAA 13		0	99	99	99	99	32.3
B»	LIQUID AMS	2.50	PMV 13							
18A»	RNDUP ULTRA MA	0.75	LAA 13		0	99	98	99	99	35.6
B»	LIQUID AMS	2.50	PMV 13							
19A»	TOUCHDN KPMG 4	1.50	LAA 13		0	99	98	99	99	31.8
B»	LIQUID AMS	2.50	PMV 13							
20A»	WEATHERMAX 4.5	1.50	LAA 13		0	99	99	99	99	34.3
B»	LIQUID AMS	2.50	PMV 13							
21A»	RNDUP ULTRA MA	1.50	LAA 13		0	99	99	99	99	33.9
B»	LIQUID AMS	2.50	PMV 13							
22A»	TOUCHDN KPMG 4	2.25	LAA 13		0	99	99	99	99	34.9
B»	LIQUID AMS	2.50	PMV 13							

TITLE: Glyphosate comparisons in soybean SW-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	DOSAGE UNIT	GLXMA CON % 08/04/03	SETFA CON % 08/04/03	AMBTR CON % 08/04/03	CHEAL CON % 08/04/03	ABUTH CON % 08/04/03	YIELD BU/A 10/01/03
23A»	WEATHERMAX 4.5	2.25	LAA 13	0	99	99	99	99	34.2
B»	LIQUID AMS	2.50	PMV 13						
24A»	RNDUP ULTRA MA	2.25	LAA 13	0	99	99	99	99	39.2
B»	LIQUID AMS	2.50	PMV 13						
		LSD (0.05)		0.00	0.00	7.44	7.73	0.00	6.78
		STANDARD DEVIATION		0.00	0.00	3.72	3.86	0.00	3.39

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
12 = ----- / POST 06/23/2003(1)
13 = ----- / LPOST 07/02/2003(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	07/02/2003	01	P	GLXMA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/16/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/16/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	07/16/2003	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	07/16/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	07/16/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	08/04/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	08/04/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBTR	CON %	08/04/2003	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	08/04/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	08/04/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	YIELD	BU/A	10/01/2003	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = KALTENBERG 264 RR

* STAGE CODE

17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES