

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/06/01	06/12/01	06/18/01	06/25/01	AME
AIR TEMPERATURE	75	84	84	83	F
% REL.HUMIDITY	74	78	65	40	
WIND DIRECTION	NORTHWEST	SOUTH	SOUTH	SOUTH	
WIND SPEED	1.0	2.0	5.0	2.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLEAR	CLEAR	
DEW	MOIST	DRY	DRY	DRY	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	
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	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN	---/11	---/12	---/14	---/15	
DEKALB CX303RR	4.00/4.00	5.00/5.00	8.00/8.00	10.0/10.0	IN
05/10/2001					
*** PEST ***					
VELVETLEAF	---/12	---/14	---/18	---/19	
	1.00/2.00	2.00/4.00	4.00/8.00	6.00/10.0	IN
WATERHEMP, COMMO	---/17	---/19	---/19	---/19	
06/06/2001	1.00/3.00	2.00/4.00	4.00/8.00	6.00/12.0	IN
LAMBSQUARTERS, C	---/18	---/19	---/19	---/19	
	1.00/3.00	2.00/4.00	4.00/8.00	6.00/10.0	IN
MORNINGGLORY, TA	---/11	---/13	---/17	---/19	
	1.00/1.00	1.00/2.00	1.00/3.00	2.00/4.00	IN
FOXTAIL, GIANT	---/12	---/13	---/14	---/15	
	1.00/3.00	4.00/6.00	4.00/8.00	8.00/12.0	IN

* TIMING CODES

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

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Weed Competition and Timing in Glyphosate Resistant Soybean AS-100

CREATED: 04/30/2001 REVISED: 11/02/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/26/01	06/26/01	06/26/01	06/26/01	06/26/01
1A»	EXTREME 2.17L	0.814	LAA	11	0	96	99	97	99
B»	ACTIVATOR 90	0.63	PMV	11					
C»	LIQUID AMS	5.00	PMV	11					
2A»	EXTREME 2.17L	0.814	LAA	12	0	99	99	99	99
B»	ACTIVATOR 90	0.63	PMV	12					
C»	LIQUID AMS	5.00	PMV	12					
3A»	EXTREME 2.17L	0.814	LAA	13	0	99	99	98	99
B»	ACTIVATOR 90	0.63	PMV	13					
C»	LIQUID AMS	5.00	PMV	13					
4A»	EXTREME 2.17L	0.814	LAA	14	0	0	0	0	0
B»	ACTIVATOR 90	0.63	PMV	14					
C»	LIQUID AMS	5.00	PMV	14					
5A»	RNDUP ULTRA MA	0.75	LAA	11	0	98	99	93	99
B»	LIQUID AMS	5.00	PMV	11					
6A»	RNDUP ULTRA MA	0.75	LAA	12	0	99	99	99	99
B»	LIQUID AMS	5.00	PMV	12					
7A»	RNDUP ULTRA MA	0.75	LAA	13	0	99	99	99	99
B»	LIQUID AMS	5.00	PMV	13					
8A»	RNDUP ULTRA MA	0.75	LAA	14	0	0	0	0	0
B»	LIQUID AMS	5.00	PMV	14					
9A»	RNDUP ULTRA MA	0.75	LAA	11	0	97	98	98	98
B»	AMPLIFY 84WG	0.016	LAA	11					
C»	LIQUID AMS	5.00	PMV	11					
10A»	RNDUP ULTRA MA	0.75	LAA	12	0	99	99	99	99
B»	AMPLIFY 84WG	0.016	LAA	12					
C»	LIQUID AMS	5.00	PMV	12					
11A»	RNDUP ULTRA MA	0.75	LAA	13	0	99	99	99	99
B»	AMPLIFY 84WG	0.016	LAA	13					
C»	LIQUID AMS	5.00	PMV	13					
12A»	RNDUP ULTRA MA	0.75	LAA	14	0	0	0	0	0
B»	AMPLIFY 84WG	0.016	LAA	14					
C»	LIQUID AMS	5.00	PMV	14					
13A»	HAND WEEDED	0.00	NA	0	0	99	99	99	99
14A	CHECK	0.00	NA	0	0	0	0	0	0
LSD (0.05)					0.00	1.47	1.00	1.52	2.35
STANDARD DEVIATION					0.00	0.716	0.504	0.74	1.14

DATA MEAN

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CREATED: 04/30/2001 REVISED: 11/02/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/23/01	07/23/01	07/23/01	07/23/01	07/23/01
1A»	EXTREME 2.17L	0.814	LAA	11	0	95	99	97	99
B»	ACTIVATOR 90	0.63	PMV	11					96
C»	LIQUID AMS	5.00	PMV	11					
2A»	EXTREME 2.17L	0.814	LAA	12	0	99	97	96	99
B»	ACTIVATOR 90	0.63	PMV	12					97
C»	LIQUID AMS	5.00	PMV	12					
3A»	EXTREME 2.17L	0.814	LAA	13	0	98	90	86	99
B»	ACTIVATOR 90	0.63	PMV	13					92
C»	LIQUID AMS	5.00	PMV	13					
4A»	EXTREME 2.17L	0.814	LAA	14	0	99	95	93	98
B»	ACTIVATOR 90	0.63	PMV	14					90
C»	LIQUID AMS	5.00	PMV	14					
5A»	RNDUP ULTRA MA	0.75	LAA	11	0	89	99	84	98
B»	LIQUID AMS	5.00	PMV	11					94
6A»	RNDUP ULTRA MA	0.75	LAA	12	0	97	99	96	99
B»	LIQUID AMS	5.00	PMV	12					89
7A»	RNDUP ULTRA MA	0.75	LAA	13	0	96	93	91	98
B»	LIQUID AMS	5.00	PMV	13					84
8A»	RNDUP ULTRA MA	0.75	LAA	14	0	99	99	97	99
B»	LIQUID AMS	5.00	PMV	14					93
9A»	RNDUP ULTRA MA	0.75	LAA	11	0	96	99	96	99
B»	AMPLIFY 84WG	0.016	LAA	11					95
C»	LIQUID AMS	5.00	PMV	11					
10A»	RNDUP ULTRA MA	0.75	LAA	12	0	97	99	97	99
B»	AMPLIFY 84WG	0.016	LAA	12					94
C»	LIQUID AMS	5.00	PMV	12					
11A»	RNDUP ULTRA MA	0.75	LAA	13	0	99	98	93	99
B»	AMPLIFY 84WG	0.016	LAA	13					93
C»	LIQUID AMS	5.00	PMV	13					
12A»	RNDUP ULTRA MA	0.75	LAA	14	0	99	99	98	99
B»	AMPLIFY 84WG	0.016	LAA	14					97
C»	LIQUID AMS	5.00	PMV	14					
13A»	HAND WEEDED	0.00	NA	0	0	99	99	99	99
14A	CHECK	0.00	NA	0	0	0	0	0	0
LSD (0.05)					0.00	2.43	3.68	4.71	1.30
STANDARD DEVIATION					0.00	1.18	1.79	2.29	0.634
									4.46
									2.17

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TITLE: Weed Competition and Timing in Glyphosate Resistant Soybean AS-100

CREATED: 04/30/2001 REVISED: 11/02/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					08/17/01	08/17/01	08/17/01	08/17/01	08/17/01
1A»	EXTREME 2.17L	0.814	LAA	11	0	95	96	91	99
B»	ACTIVATOR 90	0.63	PMV	11					
C»	LIQUID AMS	5.00	PMV	11					
2A»	EXTREME 2.17L	0.814	LAA	12	2	99	98	94	99
B»	ACTIVATOR 90	0.63	PMV	12					
C»	LIQUID AMS	5.00	PMV	12					
3A»	EXTREME 2.17L	0.814	LAA	13	18	98	92	76	99
B»	ACTIVATOR 90	0.63	PMV	13					
C»	LIQUID AMS	5.00	PMV	13					
4A»	EXTREME 2.17L	0.814	LAA	14	33	97	84	75	99
B»	ACTIVATOR 90	0.63	PMV	14					
C»	LIQUID AMS	5.00	PMV	14					
5A»	RNDUP ULTRA MA	0.75	LAA	11	0	89	97	85	99
B»	LIQUID AMS	5.00	PMV	11					
6A»	RNDUP ULTRA MA	0.75	LAA	12	0	99	97	97	99
B»	LIQUID AMS	5.00	PMV	12					
7A»	RNDUP ULTRA MA	0.75	LAA	13	7	98	91	90	99
B»	LIQUID AMS	5.00	PMV	13					
8A»	RNDUP ULTRA MA	0.75	LAA	14	18	98	95	92	99
B»	LIQUID AMS	5.00	PMV	14					
9A»	RNDUP ULTRA MA	0.75	LAA	11	0	92	98	90	99
B»	AMPLIFY 84WG	0.016	LAA	11					
C»	LIQUID AMS	5.00	PMV	11					
10A»	RNDUP ULTRA MA	0.75	LAA	12	0	98	99	96	99
B»	AMPLIFY 84WG	0.016	LAA	12					
C»	LIQUID AMS	5.00	PMV	12					
11A»	RNDUP ULTRA MA	0.75	LAA	13	13	98	95	90	99
B»	AMPLIFY 84WG	0.016	LAA	13					
C»	LIQUID AMS	5.00	PMV	13					
12A»	RNDUP ULTRA MA	0.75	LAA	14	33	96	94	87	99
B»	AMPLIFY 84WG	0.016	LAA	14					
C»	LIQUID AMS	5.00	PMV	14					
13A»	HAND WEEDED	0.00	NA	0	99	99	99	99	99
14A	CHECK	0.00	NA	0	0	0	0	0	0
LSD (0.05)					8.88	3.00	6.48	7.40	0.00
STANDARD DEVIATION					4.32	1.47	3.15	3.60	0.00
									2.93

DATA MEAN

TITLE: Weed Competition and Timing in Glyphosate Resistant Soybean AS-100
CREATED: 04/30/2001 **REVISED:** 11/02/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	10/30/01
1A»	EXTREME 2.17L	0.814	LAA	11	44.4
B»	ACTIVATOR 90	0.63	PMV	11	
C»	LIQUID AMS	5.00	PMV	11	
2A»	EXTREME 2.17L	0.814	LAA	12	43.3
B»	ACTIVATOR 90	0.63	PMV	12	
C»	LIQUID AMS	5.00	PMV	12	
3A»	EXTREME 2.17L	0.814	LAA	13	27.9
B»	ACTIVATOR 90	0.63	PMV	13	
C»	LIQUID AMS	5.00	PMV	13	
4A»	EXTREME 2.17L	0.814	LAA	14	24.3
B»	ACTIVATOR 90	0.63	PMV	14	
C»	LIQUID AMS	5.00	PMV	14	
5A»	RNDUP ULTRA MA	0.75	LAA	11	44.6
B»	LIQUID AMS	5.00	PMV	11	
6A»	RNDUP ULTRA MA	0.75	LAA	12	40.3
B»	LIQUID AMS	5.00	PMV	12	
7A»	RNDUP ULTRA MA	0.75	LAA	13	31.6
B»	LIQUID AMS	5.00	PMV	13	
8A»	RNDUP ULTRA MA	0.75	LAA	14	30.7
B»	LIQUID AMS	5.00	PMV	14	
9A»	RNDUP ULTRA MA	0.75	LAA	11	44.5
B»	AMPLIFY 84WG	0.016	LAA	11	
C»	LIQUID AMS	5.00	PMV	11	
10A»	RNDUP ULTRA MA	0.75	LAA	12	40.3
B»	AMPLIFY 84WG	0.016	LAA	12	
C»	LIQUID AMS	5.00	PMV	12	
11A»	RNDUP ULTRA MA	0.75	LAA	13	34.2
B»	AMPLIFY 84WG	0.016	LAA	13	
C»	LIQUID AMS	5.00	PMV	13	
12A»	RNDUP ULTRA MA	0.75	LAA	14	28.9
B»	AMPLIFY 84WG	0.016	LAA	14	
C»	LIQUID AMS	5.00	PMV	14	
13A»	HAND WEEDED	0.00	NA	0	50.7
14A	CHECK	0.00	NA	0	4.7
LSD (0.05)					6.67
STANDARD DEVIATION					3.24

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/06/2001(1)
 12 = ----- / POST 06/12/2001(2)
 13 = ----- / LPOST 06/18/2001(3)
 14 = ----- / VLPOST 06/25/2001(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	06/26/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/26/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	06/26/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

TITLE: Weed Competition and Timing in Glyphosate Resistant Soybean AS-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
04	AMATA	CON %	06/26/2001	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ABUTH	CON %	06/26/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	PHBPU	CON %	06/26/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	GLXMA	CON %	07/23/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/23/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	07/23/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMATA	CON %	07/23/2001	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ABUTH	CON %	07/23/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	PHBPU	CON %	07/23/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	GLXMA	CON %	08/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	SETFA	CON %	08/17/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	CHEAL	CON %	08/17/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	AMATA	CON %	08/17/2001	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	ABUTH	CON %	08/17/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	PHBPU	CON %	08/17/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	YIELD	BU/A	10/30/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB CX303RR