

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	06/07/06	AME
AIR TEMPERATURE	83	F
% REL.HUMIDITY	45	
WIND DIRECTION	NORTHWEST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/16	
ASGROW 752RR	15.0/15.0	IN
04/27/2006		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	2.00/12.0	IN
RAGWEED, COMMON	---/19	
	2.00/12.0	IN
LAMBSQUARTERS, C	---/19	
	2.00/12.0	IN
SMARTWEED, PENNS	---/19	
	4.00/12.0	IN
FOXTAIL, GIANT	---/19	
	10.0/12.0	IN
COCKLEBUR, COMMO	---/19	
	4.00/10.0	IN

* TIMING CODES
 13 = ----- / LPOST

* STAGE CODE
 16 = 6 LEAVES UNFOLDED
 19 = 9 OR MORE LEAVES UNFOLDED

TITLE: Glyphosate and Atrazine Combinations on Glyphosate Resistant Corn. AS-30
CREATED: 04/13/2006 **REVISED:** 08/09/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	AMBEL	CHEAL	POLPY
		RATE	UNIT		CON % 06/20/06	CON % 06/20/06	CON % 06/20/06	CON % 06/20/06	CON % 06/20/06	CON % 06/20/06
1A	WEATHERMAX 4.5	0.56	LAA	13	0	88	92	80	80	82
B	LIQUID AMS	2.50	PMV	13						
2A	WEATHERMAX 4.5	0.75	LAA	13	0	98	96	92	85	96
B	LIQUID AMS	2.50	PMV	13						
3A	WEATHERMAX 4.5	1.00	LAA	13	0	98	96	90	82	91
B	LIQUID AMS	2.50	PMV	13						
4A	ATRAZINE DF	1.00	LAA	13	0	0	7	10	62	30
B	COC	1.00	PMV	13						
5A	ATRAZINE DF	2.00	LAA	13	0	0	10	30	82	78
B	COC	1.00	PMV	13						
6A	CHECK	0.00	NA	0	0					
7A	WEATHERMAX 4.5	0.56	LAA	13	0	87	95	87	82	93
B	ATRAZINE DF	2.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
8A	WEATHERMAX 4.5	0.75	LAA	13	0	95	95	92	88	95
B	ATRAZINE DF	1.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
9A	WEATHERMAX 4.5	0.75	LAA	13	0	95	95	93	85	93
B	ATRAZINE DF	2.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
10A	WEATHERMAX 4.5	1.00	LAA	13	0	95	93	88	87	95
B	ATRAZINE DF	1.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
11A	WEATHERMAX 4.5	1.00	LAA	13	0	93	95	95	93	98
B	ATRAZINE DF	2.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
12A	WEATHERMAX 4.5	0.56	LAA	13	0	88	83	93	87	95
B	ATRAZINE DF	2.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
D	ACTIVATOR 90	0.50	PMV	13						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	WEATHERMAX 4.5	0.56	LAA	13	0	87	87	95	85	95
B	ATRAZINE DF	2.00	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
D	COC	1.00	PMV	13						
15A	CHECK	0.00	NA	0	0					
16A	WEATHERMAX 4.5	0.56	LAA	13	0	92	83	83	75	88
B	ATRAZINE DF	2.00	LAA	13						
		LSD (0.05)			0.00	5.15	4.23	5.69	8.09	9.15
		STANDARD DEVIATION			0.00	2.50	2.06	2.77	3.93	4.45

TITLE: Glyphosate and Atrazine Combinations on Glyphosate Resistant Corn. AS-30
CREATED: 04/13/2006 **REVISED:** 08/09/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	ZEAMD	SETFA	AMATA	AMBEL	CHEAL
		RATE	UNIT		CON % 06/20/06	CON % 07/12/06	CON % 07/12/06	CON % 07/12/06	CON % 07/12/06	CON % 07/12/06
1A»	WEATHERMAX 4.5	0.56	LAA	13	99	0	87	88	65	62
B»	LIQUID AMS	2.50	PMV	13						
2A»	WEATHERMAX 4.5	0.75	LAA	13	99	0	93	88	75	67
B»	LIQUID AMS	2.50	PMV	13						
3A»	WEATHERMAX 4.5	1.00	LAA	13	99	0	95	90	85	87
B»	LIQUID AMS	2.50	PMV	13						
4A	ATRAZINE DF	1.00	LAA	13	17	0	0	0	0	0
B»	COC	1.00	PMV	13						
5A	ATRAZINE DF	2.00	LAA	13	42	0	0	0	0	40
B»	COC	1.00	PMV	13						
6A	CHECK	0.00	NA	0		0				
7A»	WEATHERMAX 4.5	0.56	LAA	13	99	0	80	77	87	65
B	ATRAZINE DF	2.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
8A»	WEATHERMAX 4.5	0.75	LAA	13	99	0	85	83	80	77
B	ATRAZINE DF	1.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
9A»	WEATHERMAX 4.5	0.75	LAA	13	99	0	92	83	85	82
B	ATRAZINE DF	2.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
10A»	WEATHERMAX 4.5	1.00	LAA	13	99	0	95	88	82	83
B	ATRAZINE DF	1.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
11A»	WEATHERMAX 4.5	1.00	LAA	13	99	0	95	93	95	93
B	ATRAZINE DF	2.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
12A»	WEATHERMAX 4.5	0.56	LAA	13	99	0	83	78	83	75
B	ATRAZINE DF	2.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
D»	ACTIVATOR 90	0.50	PMV	13						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	WEATHERMAX 4.5	0.56	LAA	13	99	0	80	78	65	67
B	ATRAZINE DF	2.00	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
D»	COC	1.00	PMV	13						
15A	CHECK	0.00	NA	0		0				
16A»	WEATHERMAX 4.5	0.56	LAA	13	98	0	83	82	82	60
B	ATRAZINE DF	2.00	LAA	13						
		LSD (0.05)			5.44	0.00	5.73	5.62	5.36	7.89
		STANDARD DEVIATION			2.65	0.00	2.79	2.73	2.61	3.84

TITLE: Glyphosate and Atrazine Combinations on Glyphosate Resistant Corn. AS-30
CREATED: 04/13/2006 **REVISED:** 08/09/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	POLPY	XANST
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	07/12/06	07/12/06
1A	WEATHERMAX 4.5	0.56	LAA 13	99
B	LIQUID AMS	2.50	PMV 13	
2A	WEATHERMAX 4.5	0.75	LAA 13	99
B	LIQUID AMS	2.50	PMV 13	
3A	WEATHERMAX 4.5	1.00	LAA 13	99
B	LIQUID AMS	2.50	PMV 13	
4A	ATRAZINE DF	1.00	LAA 13	0
B	COC	1.00	PMV 13	
5A	ATRAZINE DF	2.00	LAA 13	33
B	COC	1.00	PMV 13	
6A	CHECK	0.00	NA 0	
7A	WEATHERMAX 4.5	0.56	LAA 13	99
B	ATRAZINE DF	2.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
8A	WEATHERMAX 4.5	0.75	LAA 13	99
B	ATRAZINE DF	1.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
9A	WEATHERMAX 4.5	0.75	LAA 13	99
B	ATRAZINE DF	2.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
10A	WEATHERMAX 4.5	1.00	LAA 13	99
B	ATRAZINE DF	1.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
11A	WEATHERMAX 4.5	1.00	LAA 13	99
B	ATRAZINE DF	2.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
12A	WEATHERMAX 4.5	0.56	LAA 13	99
B	ATRAZINE DF	2.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
D	ACTIVATOR 90	0.50	PMV 13	
13A	CHECK	0.00	NA 0	
14A	WEATHERMAX 4.5	0.56	LAA 13	99
B	ATRAZINE DF	2.00	LAA 13	
C	LIQUID AMS	2.50	PMV 13	
D	COC	1.00	PMV 13	
15A	CHECK	0.00	NA 0	
16A	WEATHERMAX 4.5	0.56	LAA 13	99
B	ATRAZINE DF	2.00	LAA 13	
			LSD (0.05)	6.85
			STANDARD DEVIATION	3.33
				0.00
				0.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 13 = ----- / LPOST 06/07/2006(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/20/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Glyphosate and Atrazine Combinations on Glyphosate Resistant Corn. AS-30

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	SETFA	CON %	06/20/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/20/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL	CON %	06/20/2006	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/20/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	06/20/2006	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/20/2006	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	07/12/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/12/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/12/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	07/12/2006	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	07/12/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	07/12/2006	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/12/2006	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 752RR