

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET
 PLOT AREA: 270 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	06/01/07	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	5.0	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
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	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	
PIONEER P33N12	14.0/16.0	IN
04/24/2007		
*** PEST ***		
VELVETLEAF	---/18	
	4.00/8.00	IN
RAGWEED, COMMON	---/18	
	4.00/8.00	IN
MORNINGGLORY, TA	---/19	
	2.00/6.00	IN
FOXTAIL, GIANT	---/16	
	4.00/10.0	IN

* TIMING CODES

13 = ----- / LPOST

* STAGE CODE

16 = 6 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and Atrazine Combinations on Glyphosate-Resistant Corn. C-500
CREATED: 04/09/2007 **REVISED:** 08/31/2007 **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
PLOT AREA: 270.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	ABUTH	AMBEL	PHBPU	ZEAMD	
		RATE	UNIT	TM	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 07/16/07	
1A»	WEATHERMAX 4.5	0.56	LAA	13	0	99	95	78	43	0	
B»	LIQUID AMS	2.50	PMV	13							
2A»	WEATHERMAX 4.5	0.75	LAA	13	0	99	98	82	50	0	
B»	LIQUID AMS	2.50	PMV	13							
3A»	WEATHERMAX 4.5	1.00	LAA	13	0	99	99	85	50	0	
B»	LIQUID AMS	2.50	PMV	13							
4A	ATRAZINE DF	1.00	LAA	13	0	10	30	82	60	0	
B»	COC	1.00	PMV	13							
5A	ATRAZINE DF	2.00	LAA	13	0	10	40	83	75	0	
B»	COC	1.00	PMV	13							
6A	CHECK	0.00	NA	0	0	0	0	0	0	0	
7A»	WEATHERMAX 4.5	0.56	LAA	13	0	99	99	96	80	0	
B	ATRAZINE DF	2.00	LAA	13							
C»	LIQUID AMS	2.50	PMV	13							
8A»	WEATHERMAX 4.5	0.75	LAA	13	0	99	98	92	77	0	
B	ATRAZINE DF	1.00	LAA	13							
C»	LIQUID AMS	2.50	PMV	13							
9A»	WEATHERMAX 4.5	0.75	LAA	13	0	99	99	98	82	0	
B	ATRAZINE DF	2.00	LAA	13							
C»	LIQUID AMS	2.50	PMV	13							
10A»	WEATHERMAX 4.5	1.00	LAA	13	0	99	99	96	78	0	
B	ATRAZINE DF	1.00	LAA	13							
C»	LIQUID AMS	2.50	PMV	13							
11A»	WEATHERMAX 4.5	1.00	LAA	13	0	99	99	98	82	0	
B	ATRAZINE DF	2.00	LAA	13							
C»	LIQUID AMS	2.50	PMV	13							
12A»	WEATHERMAX 4.5	0.56	LAA	13	0	99	99	96	88	0	
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	99	99	99	90	0	
B	ATRAZINE DF	2.00	LAA	13							
C»	LIQUID AMS	2.50	PMV	13							
D»	COC	1.00	PMV	13							
15A»	WEATHERMAX 4.5	0.56	LAA	13	0	99	48	85	77	0	
B	ATRAZINE DF	1.00	LAA	13							
16A»	WEATHERMAX 4.5	0.56	LAA	13	0	99	50	96	78	0	
B	ATRAZINE DF	2.00	LAA	13							
					LSL (0.05)	0.00	0.00	1.69	6.18	4.23	0.00
					STANDARD DEVIATION	0.00	0.00	0.829	3.00	2.07	0.00

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	SETFA	ABUTH	AMBEL	PHBPU			
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	
					07/16/07	07/16/07	07/16/07	07/16/07	
1A	WEATHERMAX 4.5	0.56	LAA	13	87	99	96	43	
B	LIQUID AMS	2.50	PMV	13					
2A	WEATHERMAX 4.5	0.75	LAA	13	87	99	98	43	
B	LIQUID AMS	2.50	PMV	13					
3A	WEATHERMAX 4.5	1.00	LAA	13	87	99	95	40	
B	LIQUID AMS	2.50	PMV	13					
4A	ATRAZINE DF	1.00	LAA	13	0	30	90	10	
B	COC	1.00	PMV	13					
5A	ATRAZINE DF	2.00	LAA	13	0	33	77	23	
B	COC	1.00	PMV	13					
6A	CHECK	0.00	NA	0	0	0	0	0	
7A	WEATHERMAX 4.5	0.56	LAA	13	93	99	99	87	
B	ATRAZINE DF	2.00	LAA	13					
C	LIQUID AMS	2.50	PMV	13					
8A	WEATHERMAX 4.5	0.75	LAA	13	92	96	98	82	
B	ATRAZINE DF	1.00	LAA	13					
C	LIQUID AMS	2.50	PMV	13					
9A	WEATHERMAX 4.5	0.75	LAA	13	95	99	99	92	
B	ATRAZINE DF	2.00	LAA	13					
C	LIQUID AMS	2.50	PMV	13					
10A	WEATHERMAX 4.5	1.00	LAA	13	93	99	99	85	
B	ATRAZINE DF	1.00	LAA	13					
C	LIQUID AMS	2.50	PMV	13					
11A	WEATHERMAX 4.5	1.00	LAA	13	95	99	99	93	
B	ATRAZINE DF	2.00	LAA	13					
C	LIQUID AMS	2.50	PMV	13					
12A	WEATHERMAX 4.5	0.56	LAA	13	95	99	99	90	
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	
14A	WEATHERMAX 4.5	0.56	LAA	13	95	99	99	88	
B	ATRAZINE DF	2.00	LAA	13					
C	LIQUID AMS	2.50	PMV	13					
D	COC	1.00	PMV	13					
15A	WEATHERMAX 4.5	0.56	LAA	13	90	68	95	75	
B	ATRAZINE DF	1.00	LAA	13					
16A	WEATHERMAX 4.5	0.56	LAA	13	95	68	99	87	
B	ATRAZINE DF	2.00	LAA	13					
					LSD (0.05)	3.12	3.43	9.56	6.63
					STANDARD DEVIATION	1.53	1.68	4.68	3.25

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 13 = ----- / LPOST 06/01/2007(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/11/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Glyphosate and Atrazine Combinations on Glyphosate-Resistant Corn. C-500

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
002	SETFA	CON %	06/11/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/11/2007	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL	CON %	06/11/2007	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/11/2007	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/16/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/16/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/16/2007	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBEL	CON %	07/16/2007	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/16/2007	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = PIONEER P33N12