

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/02/03	AME
AIR TEMPERATURE	66	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	8.0	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	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/15	
PIONEER 33Y09	12.0/14.0	IN
04/23/2003		
*** PEST ***		
LAMBSQUARTERS, C	---/19	
	2.00/6.00	IN
SMARTWEED, PENNS	---/19	
	2.00/6.00	IN
FOXTAIL, GIANT	---/13	
	2.00/6.00	IN
FOXTAIL, YELLOW	---/13	
	2.00/6.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Postemergence Mixes and Yellow Foxtail Antagonism in Corn AS-200
CREATED: 04/07/2003 **REVISED:** 11/05/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETLU	POLPY	CHEAL	SETFA	ZEAMD
		RATE	UNIT		CON % 06/16/03	CON % 06/16/03	CON % 06/16/03	CON % 06/16/03	CON % 06/16/03	CON % 07/11/03
1A»	STEADFAST 75DF	0.035	LAA 12		0	38	58	47	63	0
B»	ACTIVATOR 90	0.25	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
2A»	STEADFAST 75DF	0.035	LAA 12		0	30	40	65	65	0
B	ATRAZINE DF	0.75	LAA 12							
C»	ACTIVATOR 90	0.25	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
3A»	STEADFAST 75DF	0.035	LAA 12		0	35	23	45	55	0
B»	CALLISTO 4SC	0.047	LAA 12							
C»	ACTIVATOR 90	0.25	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
4A»	STEADFAST 75DF	0.035	LAA 12		0	45	48	93	70	0
B»	CALLISTO 4SC	0.047	LAA 12							
C	ATRAZINE DF	0.75	LAA 12							
D»	ACTIVATOR 90	0.25	PMV 12							
E»	LIQUID AMS	2.50	PMV 12							
5A»	STEADFAST 75DF	0.035	LAA 12		0	38	82	75	62	0
B»	DISTINCT 70WG	0.088	LAA 12							
C»	ACTIVATOR 90	0.25	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
6A»	STEADFAST 75DF	0.035	LAA 12		0	45	47	38	70	0
B»	AGRIDEX	1.00	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
7A»	STEADFAST 75DF	0.035	LAA 12		0	28	27	87	60	0
B	ATRAZINE DF	0.75	LAA 12							
C»	AGRIDEX	1.00	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
8A»	STEADFAST 75DF	0.035	LAA 12		0	45	38	63	72	0
B»	CALLISTO 4SC	0.047	LAA 12							
C»	AGRIDEX	1.00	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
9A»	STEADFAST 75DF	0.035	LAA 12		0	35	50	93	58	0
B»	CALLISTO 4SC	0.047	LAA 12							
C	ATRAZINE DF	0.75	LAA 12							
D»	AGRIDEX	1.00	PMV 12							
E»	LIQUID AMS	2.50	PMV 12							
10A»	STEADFAST 75DF	0.035	LAA 12		0	40	83	72	65	0
B»	DISTINCT 70WG	0.088	LAA 12							
C»	AGRIDEX	1.00	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
11A»	STEADFAST 75DF	0.035	LAA 12		0	45	40	37	62	0
B»	HI PER-OIL	0.50	PMV 12							
C»	LIQUID AMS	2.50	PMV 12							
12A»	STEADFAST 75DF	0.035	LAA 12		0	33	37	84	62	0
B	ATRAZINE DF	0.75	LAA 12							
C»	HI PER-OIL	0.50	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
13A»	STEADFAST 75DF	0.035	LAA 12		0	30	32	45	62	0
B»	CALLISTO 4SC	0.047	LAA 12							
C»	HI PER-OIL	0.50	PMV 12							
D»	LIQUID AMS	2.50	PMV 12							
14A»	STEADFAST 75DF	0.035	LAA 12		0	23	60	87	57	0
B»	CALLISTO 4SC	0.047	LAA 12							
C	ATRAZINE DF	0.75	LAA 12							
D»	HI PER-OIL	0.50	PMV 12							
E»	LIQUID AMS	2.50	PMV 12							

TITLE: Postemergence Mixes and Yellow Foxtail Antagonism in Corn AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETLU	POLPY	CHEAL	SETFA	ZEAMD
		RATE	UNIT	TM	CON % 06/16/03	CON % 06/16/03	CON % 06/16/03	CON % 06/16/03	CON % 06/16/03	CON % 07/11/03
15A»	STEADFAST 75DF	0.035	LAA	12	0	20	78	18	48	0
	B»DISTINCT 70WG	0.088	LAA	12						
	C»HI PER-OIL	0.50	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
16A»	STEADFAST 75DF	0.035	LAA	12	0	30	72	47	62	0
	B»PHASE	0.50	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
17A»	STEADFAST 75DF	0.035	LAA	12	0	42	53	87	67	0
	B ATRAZINE DF	0.75	LAA	12						
	C»PHASE	0.50	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
18A»	STEADFAST 75DF	0.035	LAA	12	0	27	45	53	62	0
	B»CALLISTO 4SC	0.047	LAA	12						
	C»PHASE	0.50	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A»	STEADFAST 75DF	0.035	LAA	12	0	57	60	93	73	0
	B»CALLISTO 4SC	0.047	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»PHASE	0.50	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
21A»	STEADFAST 75DF	0.035	LAA	12	0	52	77	73	70	0
	B»DISTINCT 70WG	0.088	LAA	12						
	C»PHASE	0.50	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
22A»	OPTION 35WDG	0.033	LAA	12	0	50	28	82	52	0
	B ATRAZINE DF	1.00	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
23A»	EQUIP 62WG	0.058	LAA	12	0	37	52	92	68	0
	B ATRAZINE DF	1.00	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
24A	ACCENT 75WG	0.031	LAA	12	0	45	80	93	70	0
	B»CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
		LSD (0.05)			0.00	18.66	16.51	16.68	15.84	0.00
		STANDARD DEVIATION			0.00	9.33	8.26	8.34	7.92	0.00

TITLE: Postemergence Mixes and Yellow Foxtail Antagonism in Corn AS-200
CREATED: 04/07/2003 **REVISED:** 11/05/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	SETLU	CHEAL	POLPY
		RATE	UNIT		CON % 07/11/03	CON % 07/11/03	CON % 07/11/03	CON % 07/11/03
1A»	STEADFAST 75DF	0.035	LAA 12		96	94	17	13
B»	ACTIVATOR 90	0.25	PMV 12					
C»	LIQUID AMS	2.50	PMV 12					
2A»	STEADFAST 75DF	0.035	LAA 12		78	40	73	17
B	ATRAZINE DF	0.75	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
3A»	STEADFAST 75DF	0.035	LAA 12		86	63	60	23
B»	CALLISTO 4SC	0.047	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
4A»	STEADFAST 75DF	0.035	LAA 12		65	40	85	55
B»	CALLISTO 4SC	0.047	LAA 12					
C	ATRAZINE DF	0.75	LAA 12					
D»	ACTIVATOR 90	0.25	PMV 12					
E»	LIQUID AMS	2.50	PMV 12					
5A»	STEADFAST 75DF	0.035	LAA 12		57	60	75	43
B»	DISTINCT 70WG	0.088	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
6A»	STEADFAST 75DF	0.035	LAA 12		95	87	15	17
B»	AGRIDEX	1.00	PMV 12					
C»	LIQUID AMS	2.50	PMV 12					
7A»	STEADFAST 75DF	0.035	LAA 12		75	43	80	23
B	ATRAZINE DF	0.75	LAA 12					
C»	AGRIDEX	1.00	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
8A»	STEADFAST 75DF	0.035	LAA 12		79	35	62	20
B»	CALLISTO 4SC	0.047	LAA 12					
C»	AGRIDEX	1.00	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
9A»	STEADFAST 75DF	0.035	LAA 12		57	50	82	33
B»	CALLISTO 4SC	0.047	LAA 12					
C	ATRAZINE DF	0.75	LAA 12					
D»	AGRIDEX	1.00	PMV 12					
E»	LIQUID AMS	2.50	PMV 12					
10A»	STEADFAST 75DF	0.035	LAA 12		67	55	53	50
B»	DISTINCT 70WG	0.088	LAA 12					
C»	AGRIDEX	1.00	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
11A»	STEADFAST 75DF	0.035	LAA 12		95	87	17	27
B»	HI PER-OIL	0.50	PMV 12					
C»	LIQUID AMS	2.50	PMV 12					
12A»	STEADFAST 75DF	0.035	LAA 12		68	40	55	22
B	ATRAZINE DF	0.75	LAA 12					
C»	HI PER-OIL	0.50	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
13A»	STEADFAST 75DF	0.035	LAA 12		50	35	55	13
B»	CALLISTO 4SC	0.047	LAA 12					
C»	HI PER-OIL	0.50	PMV 12					
D»	LIQUID AMS	2.50	PMV 12					
14A»	STEADFAST 75DF	0.035	LAA 12		53	50	87	30
B»	CALLISTO 4SC	0.047	LAA 12					
C	ATRAZINE DF	0.75	LAA 12					
D»	HI PER-OIL	0.50	PMV 12					
E»	LIQUID AMS	2.50	PMV 12					

TITLE: Postemergence Mixes and Yellow Foxtail Antagonism in Corn AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	SETLU	CHEAL	POLPY
		RATE	UNIT	TM	CON % 07/11/03	CON % 07/11/03	CON % 07/11/03	CON % 07/11/03
15A»	STEADFAST 75DF	0.035	LAA	12	90	62	35	53
	B»DISTINCT 70WG	0.088	LAA	12				
	C»HI PER-OIL	0.50	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
16A»	STEADFAST 75DF	0.035	LAA	12	93	92	52	23
	B»PHASE	0.50	PMV	12				
	C»LIQUID AMS	2.50	PMV	12				
17A»	STEADFAST 75DF	0.035	LAA	12	85	68	73	13
	B ATRAZINE DF	0.75	LAA	12				
	C»PHASE	0.50	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
18A»	STEADFAST 75DF	0.035	LAA	12	91	82	82	23
	B»CALLISTO 4SC	0.047	LAA	12				
	C»PHASE	0.50	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
19A	CHECK	0.00	NA	0	0	0	0	0
20A»	STEADFAST 75DF	0.035	LAA	12	82	43	87	43
	B»CALLISTO 4SC	0.047	LAA	12				
	C ATRAZINE DF	0.75	LAA	12				
	D»PHASE	0.50	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
21A»	STEADFAST 75DF	0.035	LAA	12	87	65	83	67
	B»DISTINCT 70WG	0.088	LAA	12				
	C»PHASE	0.50	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
22A»	OPTION 35WDG	0.033	LAA	12	77	48	80	12
	B ATRAZINE DF	1.00	LAA	12				
	C»MSO	1.00	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
23A»	EQUIP 62WG	0.058	LAA	12	62	52	88	23
	B ATRAZINE DF	1.00	LAA	12				
	C»MSO	1.00	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
24A	ACCENT 75WG	0.031	LAA	12	43	53	90	78
	B»CALLISTO 4SC	0.094	LAA	12				
	C ATRAZINE DF	1.00	LAA	12				
	D»COC	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
LSD (0.05)					14.24	16.18	11.48	16.45
STANDARD DEVIATION					7.12	8.09	5.74	8.23

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
12 = ----- / POST 06/02/2003(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 %	06/16/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETLU	CON %	06/16/2003	02	P	SETLU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/16/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/16/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/16/2003	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/11/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/11/2003	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETLU	CON %	07/11/2003	02	P	SETLU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/11/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	07/11/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33Y09