

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/18/04	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	70	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	PARTCLDY	
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 ***		
SOYBEAN	---/01	
ASGROW 3302 RR/S	0.00/0.00	IN
05/18/2004		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF SEED IMBIBITION

TITLE: Preemergence PPO Premixes for Waterhemp Control in Soybean AS-400
CREATED: 05/14/2004 **REVISED:** 09/07/2004 **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	GLXMA	AMATA	SETFA	CHEAL	GLXMA	SETFA
		RATE	UNIT		CON % 06/14/04	CON % 06/14/04	CON % 06/14/04	CON % 06/14/04	CON % 06/24/04	CON % 06/24/04
1A»A	14534A 5.28L	0.69	LAA	9	0	93	42	27	0	60
2A»A	14534A 5.28L	1.03	LAA	9	0	95	47	27	0	60
3A»A	14534A 5.28L	1.38	LAA	9	7	96	60	43	0	60
4A»A	14534A 5.28L	1.72	LAA	9	2	95	67	43	0	67
5A»A	14534A 5.28L	1.99	LAA	9	2	95	65	43	0	90
6A»	CANOPY XL 56.3	0.071	LAA	0	7	90	50	93	0	53
B»	AUTHORITY	0.059	LAA	9						
C	CLASSIC 25WG	0.012	LAA	9						
D»A	14534A 5.28L	0.69	LAA	9						
7A»	CANOPY XL 56.3	0.071	LAA	0	7	99	57	99	0	65
B»	AUTHORITY	0.059	LAA	9						
C	CLASSIC 25WG	0.012	LAA	9						
D»A	14534A 5.28L	1.03	LAA	9						
8A»	CANOPY XL 56.3	0.071	LAA	0	2	95	65	88	0	68
B»	AUTHORITY	0.059	LAA	9						
C	CLASSIC 25WG	0.012	LAA	9						
D»A	14534A 5.28L	1.38	LAA	9						
9A»	CANOPY XL 56.3	0.14	LAA	0	5	98	53	99	0	67
B»	AUTHORITY	0.117	LAA	9						
C	CLASSIC 25WG	0.023	LAA	9						
D»A	14534A 5.28L	0.69	LAA	9						
10A»	CANOPY XL 56.3	0.14	LAA	0	5	98	72	98	0	83
B»	AUTHORITY	0.117	LAA	9						
C	CLASSIC 25WG	0.023	LAA	9						
D»A	14534A 5.28L	1.03	LAA	9						
11A»	CANOPY XL 56.3	0.14	LAA	0	3	98	77	99	0	88
B»	AUTHORITY	0.117	LAA	9						
C	CLASSIC 25WG	0.023	LAA	9						
D»A	14534A 5.28L	1.38	LAA	9						
12A»	FIRSTRATE 84WG	0.016	LAA	9	2	65	37	98	0	33
B»A	14534A 5.28L	0.69	LAA	9						
13A»	FIRSTRATE 84WG	0.016	LAA	9	3	90	75	87	0	53
B»A	14534A 5.28L	1.03	LAA	9						
14A»	FIRSTRATE 84WG	0.016	LAA	9	7	95	68	95	0	53
B»A	14534A 5.28L	1.38	LAA	9						
15A»	FIRSTRATE 84WG	0.032	LAA	9	3	93	65	93	0	37
B»A	14534A 5.28L	0.69	LAA	9						
16A»	FIRSTRATE 84WG	0.032	LAA	9	7	92	68	93	0	40
B»A	14534A 5.28L	1.03	LAA	9						
17A»	FIRSTRATE 84WG	0.032	LAA	9	7	96	80	95	0	73
B»A	14534A 5.28L	1.38	LAA	9						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	BOUNDARY 6.5EC	1.22	LAA	9	5	78	53	92	0	47
20A»	BOUNDARY 6.5EC	1.46	LAA	9	5	87	72	88	0	53
21A»	PROWL H20 3.8C	1.00	LAA	9	0	40	38	53	0	17
22A»	CANOPY XL 56.3	0.14	LAA	0	5	63	53	95	0	30
B»	AUTHORITY	0.117	LAA	9						
C	CLASSIC 25WG	0.023	LAA	9						
D»	PROWL H20 3.8C	1.00	LAA	9						

TITLE: Preemergence PPO Premixes for Waterhemp Control in Soybean AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA	SETFA	CHEAL	GLXMA	SETFA
		RATE	UNIT	TM	CON % 06/14/04	CON % 06/14/04	CON % 06/14/04	CON % 06/14/04	CON % 06/24/04	CON % 06/24/04
23A»	CANOPY XL 56.3	0.14	LAA	0	5	47	22	96	0	27
	B»AUTHORITY	0.117	LAA	9						
	C CLASSIC 25WG	0.023	LAA	9						
24A»	DOMAIN 60DF	0.375	LAA	9	2	73	30	77	0	20
					4.95	4.61	9.95	8.78	0.00	9.34
					2.47	2.30	5.00	4.39	0.00	4.67

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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	AMATA	CHEAL
		RATE	UNIT		CON % 06/24/04	CON % 06/24/04
1A»A	14534A 5.28L	0.69	LAA	9	13	20
2A»A	14534A 5.28L	1.03	LAA	9	43	20
3A»A	14534A 5.28L	1.38	LAA	9	43	20
4A»A	14534A 5.28L	1.72	LAA	9	58	20
5A»A	14534A 5.28L	1.99	LAA	9	43	33
6A»	CANOPY XL 56.3	0.071	LAA	0	37	80
B»	AUTHORITY	0.059	LAA	9		
C	CLASSIC 25WG	0.012	LAA	9		
D»A	14534A 5.28L	0.69	LAA	9		
7A»	CANOPY XL 56.3	0.071	LAA	0	33	80
B»	AUTHORITY	0.059	LAA	9		
C	CLASSIC 25WG	0.012	LAA	9		
D»A	14534A 5.28L	1.03	LAA	9		
8A»	CANOPY XL 56.3	0.071	LAA	0	30	78
B»	AUTHORITY	0.059	LAA	9		
C	CLASSIC 25WG	0.012	LAA	9		
D»A	14534A 5.28L	1.38	LAA	9		
9A»	CANOPY XL 56.3	0.14	LAA	0	20	80
B»	AUTHORITY	0.117	LAA	9		
C	CLASSIC 25WG	0.023	LAA	9		
D»A	14534A 5.28L	0.69	LAA	9		
10A»	CANOPY XL 56.3	0.14	LAA	0	33	90
B»	AUTHORITY	0.117	LAA	9		
C	CLASSIC 25WG	0.023	LAA	9		
D»A	14534A 5.28L	1.03	LAA	9		
11A»	CANOPY XL 56.3	0.14	LAA	0	30	90
B»	AUTHORITY	0.117	LAA	9		
C	CLASSIC 25WG	0.023	LAA	9		
D»A	14534A 5.28L	1.38	LAA	9		
12A»	FIRSTRATE 84WG	0.016	LAA	9	13	53
B»A	14534A 5.28L	0.69	LAA	9		
13A»	FIRSTRATE 84WG	0.016	LAA	9	33	53
B»A	14534A 5.28L	1.03	LAA	9		
14A»	FIRSTRATE 84WG	0.016	LAA	9	33	53
B»A	14534A 5.28L	1.38	LAA	9		
15A»	FIRSTRATE 84WG	0.032	LAA	9	40	40
B»A	14534A 5.28L	0.69	LAA	9		
16A»	FIRSTRATE 84WG	0.032	LAA	9	32	73
B»A	14534A 5.28L	1.03	LAA	9		
17A»	FIRSTRATE 84WG	0.032	LAA	9	53	73
B»A	14534A 5.28L	1.38	LAA	9		
18A	CHECK	0.00	NA	0	0	0
19A»	BOUNDARY 6.5EC	1.22	LAA	9	50	80
20A»	BOUNDARY 6.5EC	1.46	LAA	9	60	77
21A»	PROWL H20 3.8C	1.00	LAA	9	0	67
22A»	CANOPY XL 56.3	0.14	LAA	0	27	80
B»	AUTHORITY	0.117	LAA	9		
C	CLASSIC 25WG	0.023	LAA	9		
D»	PROWL H20 3.8C	1.00	LAA	9		

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/24/04	CHEAL CON % 06/24/04
23A»CANOPY XL 56.3	0.14	LAA	0	0	80
B»AUTHORITY	0.117	LAA	9		
C CLASSIC 25WG	0.023	LAA	9		
24A»DOMAIN 60DF	0.375	LAA	9	7	57
	LSL (0.05)			13.15	10.19
	STANDARD DEVIATION			6.57	5.09

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/18/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	06/14/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/14/2004	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/14/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/14/2004	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/24/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/24/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	06/24/2004	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	06/24/2004	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3302 RR/STS