

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 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	05/24/04	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTH	
WIND SPEED	6.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPTMRO	
PROPELLANT	PUMP	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	0	
NOZZLE SPACING	0.000	IN
SWATH WIDTH	0.0	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 4403	/	IN
05/24/2004		

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

* STAGE CODE
 01 = BEGINNING OF SEED IMBIBITION

TITLE: Preemergence PPO Premixes for Waterhemp Control in Soybean C4N
CREATED: 05/19/2004 **REVISED:** 09/08/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BTOWN **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	AMATA	DIGSA	POLPY	GLXMA	AMATA		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/29/04	06/29/04	06/29/04	06/29/04		
							07/15/04	07/15/04		
1A»A	14534A 5.28L	0.69	LAA	9	0	57	58	78	0	77
2A»A	14534A 5.28L	1.03	LAA	9	0	90	60	87	0	77
3A»A	14534A 5.28L	1.38	LAA	9	0	87	67	99	0	98
4A»A	14534A 5.28L	1.72	LAA	9	0	98	75	99	0	99
5A»A	14534A 5.28L	1.99	LAA	9	0	99	88	98	0	96
6A»	CANOPY XL 56.3	0.071	LAA	0	0	93	70	96	0	91
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	0	93	88	99	0	92
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	0	96	93	99	0	95
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	0	96	90	99	0	82
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	0	99	95	99	0	93
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	0	98	94	99	0	99
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	0	83	75	93	0	75
B»A	14534A 5.28L	0.69	LAA	9						
13A»	FIRSTRATE 84WG	0.016	LAA	9	0	91	89	99	0	80
B»A	14534A 5.28L	1.03	LAA	9						
14A»	FIRSTRATE 84WG	0.016	LAA	9	0	96	90	98	0	95
B»A	14534A 5.28L	1.38	LAA	9						
15A»	FIRSTRATE 84WG	0.032	LAA	9	0	96	82	99	0	87
B»A	14534A 5.28L	0.69	LAA	9						
16A»	FIRSTRATE 84WG	0.032	LAA	9	0	98	92	99	0	92
B»A	14534A 5.28L	1.03	LAA	9						
17A»	FIRSTRATE 84WG	0.032	LAA	9	0	99	98	99	0	98
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	0	96	91	98	0	97
20A»	BOUNDARY 6.5EC	1.46	LAA	9	0	99	88	98	0	93
21A»	PROWL H20 3.8C	1.00	LAA	9	0	83	73	94	0	47
22A»	CANOPY XL 56.3	0.14	LAA	0	0	99	87	99	0	87
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 C4N

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	AMATA	DIGSA	POLPY	GLXMA	AMATA
		RATE	UNIT TM	CON % 06/29/04	CON % 06/29/04	CON % 06/29/04	CON % 06/29/04	CON % 07/15/04	CON % 07/15/04
23A»	CANOPY XL 56.3	0.14	LAA 0	0	93	88	99	0	92
	B»AUTHORITY	0.117	LAA 9						
	C CLASSIC 25WG	0.023	LAA 9						
24A»	DOMAIN 60DF	0.375	LAA 9	0	93	80	96	0	75
		LSD (0.05)		0.00	10.78	16.38	4.56	0.00	14.32
		STANDARD DEVIATION		0.00	5.39	8.19	2.28	0.00	7.16

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	DIGSA	POLPY
		RATE	UNIT		CON % 07/15/04	CON % 07/15/04
1A»A	14534A 5.28L	0.69	LAA	9	37	98
2A»A	14534A 5.28L	1.03	LAA	9	47	97
3A»A	14534A 5.28L	1.38	LAA	9	75	98
4A»A	14534A 5.28L	1.72	LAA	9	80	95
5A»A	14534A 5.28L	1.99	LAA	9	95	99
6A»	CANOPY XL 56.3	0.071	LAA	0	95	96
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	99	99
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	99	99
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	99	99
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	99	99
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	99	99
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	99	99
B»A	14534A 5.28L	0.69	LAA	9		
13A»	FIRSTRATE 84WG	0.016	LAA	9	99	99
B»A	14534A 5.28L	1.03	LAA	9		
14A»	FIRSTRATE 84WG	0.016	LAA	9	99	99
B»A	14534A 5.28L	1.38	LAA	9		
15A»	FIRSTRATE 84WG	0.032	LAA	9	99	99
B»A	14534A 5.28L	0.69	LAA	9		
16A»	FIRSTRATE 84WG	0.032	LAA	9	99	99
B»A	14534A 5.28L	1.03	LAA	9		
17A»	FIRSTRATE 84WG	0.032	LAA	9	99	99
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	99	99
20A»	BOUNDARY 6.5EC	1.46	LAA	9	99	99
21A»	PROWL H20 3.8C	1.00	LAA	9	99	99
22A»	CANOPY XL 56.3	0.14	LAA	0	99	99
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 NUM	TREATMENT COMPONENT	DOSAGE		DIGSA	POLPY
		RATE	UNIT	CON % 07/15/04	CON % 07/15/04
23A»	CANOPY XL 56.3	0.14	LAA	0	99
	B»AUTHORITY	0.117	LAA	9	
	C CLASSIC 25WG	0.023	LAA	9	
24A»	DOMAIN 60DF	0.375	LAA	9	73
					96
				4.39	3.21
				2.19	1.60

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/24/2004(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 %	06/29/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/29/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	DIGSA	CON %	06/29/2004	03	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	06/29/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/15/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/15/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	DIGSA	CON %	07/15/2004	03	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY	CON %	07/15/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 4403