

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
PH: 7.0  
%OM: 0.0  
PREV.CROP: ZEAMD - CORN, DENT  
%RESIDUE: 0  
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/19/03	06/11/03	AME
AIR TEMPERATURE	76	78	F
% REL.HUMIDITY	48	40	
WIND DIRECTION	---	SOUTHWEST	
WIND SPEED			M/H
CLOUD COVER	CLOUDY	CLOUDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/14	
ASGROW 3201 RR		4.00/6.00	IN
05/13/2003			
*** PEST ***			
WATERHEMP, COMMO		---/17	
		1.00/3.00	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
12 = ----- / POST

\* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES  
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Soybean Systems for Putative PPO-Resistant WH / Syngenta - Adams County  
**CREATED:** 05/16/2003 **REVISED:** 12/09/2003 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Adams County **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/11/03	CON % 06/11/03	CON % 06/18/03	CON % 06/18/03	CON % 07/02/03	CON % 07/02/03
1A	FLEXSTAR 1.88M	0.294	LAA	12			20	53	7	50
B	FUSION	0.20	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.00	PMV	12						
2A	FLEXSTAR 1.88M	0.294	LAA	9	2	77	0	68	0	67
3A	FLEXSTAR 1.88M	0.59	LAA	9	0	92	0	78	0	82
4A	BOUNDARY 6.5EC	1.46	LAA	9	3	93	20	98	8	98
B	FLEXSTAR 1.88M	0.294	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.00	PMV	12						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	DUAL MAGNUM 7.	1.27	LAA	9	3	80	27	95	10	95
B	FLEXSTAR 1.88M	0.294	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.00	PMV	12						
7A	BOUNDARY 6.5EC	1.46	LAA	9	3	93	3	99	3	99
B	TOUCHDN KPMG 4	0.75	LAA	12						
C	LIQUID AMS	3.67	PMV	12						
8A	DUAL MAGNUM 7.	1.27	LAA	9	0	73	0	99	0	99
B	TOUCHDN KPMG 4	0.75	LAA	12						
C	LIQUID AMS	3.67	PMV	12						
9A	TOUCHDN KPMG 4	0.75	LAA	12			0	99	0	82
B	LIQUID AMS	3.67	PMV	12						
10A	ULTRA BLAZER	0.188	LAA	12			20	40	7	37
B	COC	1.00	PMV	12						
C	LIQUID AMS	3.67	PMV	12						
11A	PROWL 3.3EC	1.24	LAA	12			37	42	18	43
B	ULTRA BLAZER	0.188	LAA	12						
C	COC	1.00	PMV	12						
D	LIQUID AMS	3.67	PMV	12						
12A	PHOENIX 2EC	0.16	LAA	12			23	38	7	20
B	ACTIVATOR 90	0.25	PMV	12						
13A	VALOR 51WDG	0.078	LAA	9	12	73	33	73	15	62
B	PHOENIX 2EC	0.16	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
14A	CANOPY XL 56.3	0.16	LAA	0	2	62	25	73	5	77
B	CLASSIC 25WG	0.032	LAA	9						
C	AUTHORITY	0.128	LAA	9						
D	FUSION	0.20	LAA	12						
E	FLEXSTAR 1.88M	0.294	LAA	12						
F	MISO	1.00	PMV	12						
G	28% UAN	2.00	PMV	12						
15A	VALOR 51WDG	0.078	LAA	9	7	68	3	99	2	98
B	TOUCHDN KPMG 4	0.75	LAA	12						
C	LIQUID AMS	3.67	PMV	12						
16A	CANOPY XL 56.3	0.16	LAA	0	2	77	0	60	0	48
B	CLASSIC 25WG	0.032	LAA	9						
C	AUTHORITY	0.128	LAA	9						
17A	CANOPY XL 56.3	0.24	LAA	0	5	85	2	78	2	67
B	CLASSIC 25WG	0.04	LAA	9						
C	AUTHORITY	0.20	LAA	9						
18A	BOUNDARY 6.5EC	1.46	LAA	9	2	88	0	78	0	73

TITLE: Soybean Systems for Putative PPO-Resistant WH / Syngenta - Adams County

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/11/03	CON % 06/11/03	CON % 06/18/03	CON % 06/18/03	CON % 07/02/03	CON % 07/02/03
19A»	DUAL MAGNUM 7.	1.27	LAA	9	2	80	0	72	0	58
20A»	TOUCHDN KPMG 4	0.75	LAA	12			0	99	0	77
	B»LIQUID AMS	3.67	PMV	12						
21A»	VALOR 51WDG	0.078	LAA	9	5	70	3	50	2	37
22A»	DOMAIN 60DF	0.337	LAA	9	0	73	0	47	0	40
23A»	VALOR 51WDG	0.078	LAA	9	18	88	18	85	10	77
	B»DOMAIN 60DF	0.337	LAA	9						
24A»	FLEXSTAR 1.88M	0.294	LAA	12			17	93	2	92
	B»TOUCHDN KPMG 4	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
25A»	DUAL MAGNUM 7.	0.48	LAA	12			0	99	0	98
	B»TOUCHDN KPMG 4	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
26A»	DUAL MAGNUM 7.	0.75	LAA	12			0	99	0	98
	B»TOUCHDN KPMG 4	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
27A»	DUAL MAGNUM 7.	0.96	LAA	12			0	99	0	99
	B»TOUCHDN KPMG 4	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
28A»	OUTLOOK 6EC	0.66	LAA	12			0	99	0	99
	B»TOUCHDN KPMG 4	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
LSD (0.05)					3.95	3.91	3.68	4.56	6.00	6.93
STANDARD DEVIATION					2.00	2.00	1.84	2.28	3.00	3.46

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/19/2003(1)  
 12 = ----- / POST 06/11/2003(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/11/2003	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/11/2003	02	P	AMATA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/18/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/18/2003	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/02/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/02/2003	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3201 RR

\* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED