

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 2.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/05/05	06/07/05	06/16/05	06/29/05	AME
AIR TEMPERATURE	71	82	79	88	F
% REL.HUMIDITY	24	55	42	48	
WIND DIRECTION	SOUTHWEST	SOUTH	NORTHWEST	SOUTHWEST	
WIND SPEED	3.5	5.0	4.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	PARTCLDY	
DEW	NA/UNKNOW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/DRY	DRY/DRY	DRY/DRY	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	SPECIAL	SPECIAL	SPECIAL	SPECIAL	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN		HGH/14	---/17	---/19	
PIONEER 93M90		6.00/8.00	10.0/10.0	16.0/16.0	IN
05/03/2005					
*** PEST ***					
WATERHEMP, COMMO		HGH/14	---/19	---/19	
		0.50/4.00	4.00/20.0	6.00/24.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Preemergence PPO Premixes fb Touchdown for Waterhemp Control in Soybeans.
CREATED: 04/06/2005 **REVISED:** 11/20/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: PERRY/ADAMS COUNTY **RESEARCHED BY:** MAXWELL
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 % 06/02/05	CON % 06/02/05	CON % 06/16/05	CON % 06/16/05	CON % 06/23/05	CON % 06/23/05
1A»	A14972A 5.32EC	0.67	LAA	9	0	63			0	47
2A»	A14972A 5.32EC	1.00	LAA	9	0	83			0	73
3A»	A14972A 5.32EC	1.34	LAA	9	0	98			0	83
4A»	A14972A 5.32EC	1.67	LAA	9	1	99			0	96
5A»	A14972A 5.32EC	2.00	LAA	9	2	99			0	99
6A»	BOUNDARY 6.5EC	1.22	LAA	9	1	99			0	86
7A»	BOUNDARY 6.5EC	1.46	LAA	9	2	99			0	99
8A»	DOMAIN 60DF	0.375	LAA	9	0	90			0	73
9A»	A14972A 5.32EC	0.67	LAA	9	0	70			0	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	A14972A 5.32EC	1.00	LAA	9	0	85			0	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	A14972A 5.32EC	1.34	LAA	9	0	95			5	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	A14972A 5.32EC	1.67	LAA	9	1	99			0	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	A14972A 5.32EC	2.00	LAA	9	3	99			0	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A»	BOUNDARY 6.5EC	1.22	LAA	9	1	98			0	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
15A»	BOUNDARY 6.5EC	1.46	LAA	9	1	98			0	99
	B»TOUCHDN TOTAL	0.785	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A»	TOUCHDN TOTAL	0.785	LAA	11			0	99	0	99
	B»LIQUID AMS	2.50	PMV	11						
17A»	TOUCHDN TOTAL	0.785	LAA	11			0	99	0	96
	B»LIQUID AMS	2.50	PMV	11						
	C»TOUCHDN TOTAL	0.785	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
18A	CHECK	0.00	NA	0					0	0
		LSD (0.05)			1.34	6.66	0.00	0.00	0.00	7.61
		STANDARD DEVIATION			0.654	3.25	0.00	0.00	0.00	3.76

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LOCATION: PERRY/ADAMS COUNTY **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	AMATA		
NUM	COMPONENT	RATE	CON %	CON %		
		UNIT	07/15/05	07/15/05		
1A»	A14972A 5.32EC	0.67	LAA	9		
2A»	A14972A 5.32EC	1.00	LAA	9		
3A»	A14972A 5.32EC	1.34	LAA	9		
4A»	A14972A 5.32EC	1.67	LAA	9		
5A»	A14972A 5.32EC	2.00	LAA	9		
6A»	BOUNDARY 6.5EC	1.22	LAA	9		
7A»	BOUNDARY 6.5EC	1.46	LAA	9		
8A»	DOMAIN 60DF	0.375	LAA	9		
9A»	A14972A 5.32EC	0.67	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
10A»	A14972A 5.32EC	1.00	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
11A»	A14972A 5.32EC	1.34	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
12A»	A14972A 5.32EC	1.67	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
13A»	A14972A 5.32EC	2.00	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
14A»	BOUNDARY 6.5EC	1.22	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
15A»	BOUNDARY 6.5EC	1.46	LAA	9		
B»	TOUCHDN TOTAL	0.785	LAA	12		
C»	LIQUID AMS	2.50	PMV	12		
16A»	TOUCHDN TOTAL	0.785	LAA	11		
B»	LIQUID AMS	2.50	PMV	11		
17A»	TOUCHDN TOTAL	0.785	LAA	11	0	99
B»	LIQUID AMS	2.50	PMV	11		
C»	TOUCHDN TOTAL	0.785	LAA	13		
D»	LIQUID AMS	2.50	PMV	13		
18A	CHECK	0.00	NA	0	0	0
		LSD (0.05)		0.00	0.00	
		STANDARD DEVIATION		0.00	0.00	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/05/2005 (1)
- 11 = ----- / EPOST 06/07/2005 (2)
- 12 = ----- / POST 06/16/2005 (3)
- 13 = ----- / LPOST 06/29/2005 (4)

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 %	06/02/2005	02	P	GLXMA		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	AMATA	CON %	06/02/2005	01	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/16/2005	02	P	GLXMA	17	RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/16/2005	01	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/23/2005	02	P	GLXMA		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/23/2005	01	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/15/2005	02	P	GLXMA		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/15/2005	01	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

02 = PIONEER 93M90

* STAGE CODE

17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED