

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	14	15	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/30/05	07/15/05	AME
AIR TEMPERATURE	90	82	F
% REL.HUMIDITY	55	70	
WIND DIRECTION	WEST	NORTHEAST	
WIND SPEED	7.0	3.0	M/H
CLOUD COVER	CLEAR	OVERCAST	
DEW	NO	YES	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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	40.00	40.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/17	---/63	
ASGROW 4403	10.0/10.0	16.0/18.0	IN
05/19/2005			

* TIMING CODES

14 = ----- / VLPOST
 15 = ----- / PO.DIRECTED

* STAGE CODE

17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 63 = 30% OF FLOWERS OPEN (DETERMINATE)

TITLE: Interaction of Soybean Fungicides and insecticides with Glyphosate
CREATED: 06/16/2005 **REVISED:** 11/20/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD BU/A 10/06/05
		RATE	UNIT		CON % 07/15/05	CON % 07/28/05	CON % 08/16/05	
1A	CHECK	0.00	NA	0	0	0	0	45.3
2A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	43.6
B»	LIQUID AMS	5.00	PMV 14					
3A	QUADDRIS 2.08SC	0.0975	LAA 14		0	0	0	46.7
B»	COC	1.00	PMV 14					
4A	HEADLINE 2.09E	0.098	LAA 14		0	0	0	42.1
B»	ACTIVATOR 90	0.125	PMV 14					
5A	FOLICUR SC	0.112	LAA 14		0	0	0	44.2
B»	ACTIVATOR 90	0.125	PMV 14					
6A	QUILT 1.66SC	0.183	LAA 14		0	0	0	42.4
B»	COC	1.00	PMV 14					
7A	WARRIOR T	0.02	LAA 14		0	0	0	45.8
8A	QUADDRIS 2.08SC	0.0975	LAA 14		0	0	0	44.3
B	WARRIOR T	0.02	LAA 14					
C»	COC	1.00	PMV 14					
9A	HEADLINE 2.09E	0.098	LAA 14		0	0	0	45.1
B	WARRIOR T	0.02	LAA 14					
C»	ACTIVATOR 90	0.125	PMV 14					
10A	FOLICUR SC	0.112	LAA 14		0	0	0	45.3
B	WARRIOR T	0.02	LAA 14					
C»	ACTIVATOR 90	0.125	PMV 14					
11A	QUILT 1.66SC	0.183	LAA 14		0	0	0	43.4
B	WARRIOR T	0.02	LAA 14					
C»	COC	1.00	PMV 14					
12A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	45.2
B	QUADDRIS 2.08SC	0.0975	LAA 14					
C»	LIQUID AMS	5.00	PMV 14					
13A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	46.2
B	HEADLINE 2.09E	0.098	LAA 14					
C»	LIQUID AMS	5.00	PMV 14					
14A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	44.5
B	FOLICUR SC	0.112	LAA 14					
C»	LIQUID AMS	5.00	PMV 14					
15A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	45.0
B	QUILT 1.66SC	0.183	LAA 14					
C»	LIQUID AMS	5.00	PMV 14					
16A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	44.8
B	WARRIOR T	0.02	LAA 14					
C»	LIQUID AMS	5.00	PMV 14					
17A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	46.1
B	QUADDRIS 2.08SC	0.0975	LAA 14					
C	WARRIOR T	0.02	LAA 14					
D»	LIQUID AMS	5.00	PMV 14					
18A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	41.5
B	HEADLINE 2.09E	0.098	LAA 14					
C	WARRIOR T	0.02	LAA 14					
D»	LIQUID AMS	5.00	PMV 14					
19A»	WEATHERMAX 4.5	0.77	LAA 14		0	0	0	44.4
B	FOLICUR SC	0.112	LAA 14					
C	WARRIOR T	0.02	LAA 14					
D»	LIQUID AMS	5.00	PMV 14					

TITLE: Interaction of Soybean Fungicides and insecticides with Glyphosate

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT	TM	CON % 07/15/05	CON % 07/28/05	CON % 08/16/05	BU/A 10/06/05
20A	WEATHERMAX 4.5	0.77	LAA	14	0	0	0	45.4
	B QUILT 1.66SC	0.183	LAA	14				
	C WARRIOR T	0.02	LAA	14				
	D»LIQUID AMS	5.00	PMV	14				
21A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	41.5
	B»LIQUID AMS	5.00	PMV	15				
22A	QUADRIIS 2.08SC	0.0975	LAA	15	0	0	0	45.5
	B»COC	1.00	PMV	15				
23A	HEADLINE 2.09E	0.098	LAA	15	0	0	0	44.2
	B»ACTIVATOR 90	0.125	PMV	15				
24A	FOLICUR SC	0.112	LAA	15	0	0	0	48.2
	B»ACTIVATOR 90	0.125	PMV	15				
25A	QUILT 1.66SC	0.183	LAA	15	0	0	0	45.3
	B»COC	1.00	PMV	15				
26A	WARRIOR T	0.02	LAA	15	0	0	0	48.2
27A	QUADRIIS 2.08SC	0.0975	LAA	15	0	0	0	49.7
	B WARRIOR T	0.02	LAA	15				
	C»COC	1.00	PMV	15				
28A	HEADLINE 2.09E	0.098	LAA	15	0	0	0	46.6
	B WARRIOR T	0.02	LAA	15				
	C»ACTIVATOR 90	0.125	PMV	15				
29A	FOLICUR SC	0.112	LAA	15	0	0	0	45.1
	B WARRIOR T	0.02	LAA	15				
	C»ACTIVATOR 90	0.125	PMV	15				
30A	QUILT 1.66SC	0.183	LAA	15	0	0	0	47.5
	B WARRIOR T	0.02	LAA	15				
	C»COC	1.00	PMV	15				
31A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	44.7
	B QUADRIIS 2.08SC	0.0975	LAA	15				
	C»LIQUID AMS	5.00	PMV	15				
32A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	45.9
	B HEADLINE 2.09E	0.098	LAA	15				
	C»LIQUID AMS	5.00	PMV	15				
33A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	43.5
	B FOLICUR SC	0.112	LAA	15				
	C»LIQUID AMS	5.00	PMV	15				
34A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	45.6
	B QUILT 1.66SC	0.183	LAA	15				
	C»LIQUID AMS	5.00	PMV	15				
35A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	45.1
	B WARRIOR T	0.02	LAA	15				
	C»LIQUID AMS	5.00	PMV	15				
36A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	46.5
	B QUADRIIS 2.08SC	0.0975	LAA	15				
	C WARRIOR T	0.02	LAA	15				
	D»LIQUID AMS	5.00	PMV	15				
37A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	46.8
	B HEADLINE 2.09E	0.098	LAA	15				
	C WARRIOR T	0.02	LAA	15				
	D»LIQUID AMS	5.00	PMV	15				
38A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	48.5
	B FOLICUR SC	0.112	LAA	15				
	C WARRIOR T	0.02	LAA	15				
	D»LIQUID AMS	5.00	PMV	15				

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TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT	TM	CON % 07/15/05	CON % 07/28/05	CON % 08/16/05	BU/A 10/06/05
39A	WEATHERMAX 4.5	0.77	LAA	15	0	0	0	48.5
	B QUILT 1.66SC	0.183	LAA	15				
	C WARRIOR T	0.02	LAA	15				
	D»LIQUID AMS	5.00	PMV	15				
LSD (0.05)					0.00	0.00	0.00	4.53
STANDARD DEVIATION					0.00	0.00	0.00	2.29

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 14 = ----- / VLPOST 06/30/2005(1)
 15 = ----- / PO.DIRECTED 07/15/2005(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	07/15/2005	01	P	GLXMA	63	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/28/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	08/16/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	YIELD	BU/A	10/06/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 4403

* STAGE CODE

63 = 30% OF FLOWERS OPEN (DETERMINATE)