

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.6
 %OM: 5.4
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	06/04/10	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	42	
WIND DIRECTION	SOUTH	
WIND SPEED	4.0	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	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/15	
05/07/2010	14.0/14.0	IN
*** PEST ***		
WATERHEMP, COMMO	---/19	
	1.00/6.00	IN
FOXTAIL, GIANT	---/17	
	2.00/10.0	IN

* TIMING CODES

13 = ----- / LPOST

* STAGE CODE

15 = 5 LEAVES UNFOLDED

17 = 7 LEAVES UNFOLDED

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

TITLE: Fungicide and Herbicide Combos Mid-Post Comparison. R-3N
CREATED: 05/27/2010 **REVISED:** 10/19/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	SETFA	AMATA	ZEAMD
		RATE	UNIT	TM	CON % 06/07/10	CON % 06/10/10	CON % 06/17/10	CON % 06/17/10	CON % 06/17/10	CON % 08/19/10
1A»	RNDUP POWERMAX	0.75	LAA	13	0	0	0	98	94	5
B»	LIQUID AMS	2.50	PMV	13						
2A	TOUCHDOWN HT	0.75	LAA	13	0	0	0	95	85	8
B»	ACTIVATOR 90	0.25	PMV	13						
C»	LIQUID AMS	2.50	PMV	13						
3A»	LAUDIS 3.5SC	0.082	LAA	13	0	0	0	43	87	4
B	ATRAZINE DF	0.50	LAA	13						
C»	COC	1.00	PMV	13						
4A»	HALEX GT 4.38L	1.97	LAA	13	0	0	0	85	94	15
B»	LIQUID AMS	2.50	PMV	13						
5A	STEADFAST 75WG	0.035	LAA	13	0	0	0	30	57	6
B»	STATUS 56DG	0.088	LAA	13						
6A	HEADLINE 2.09E	0.098	LAA	13	0	0	0	C	C	4
7A	QUADRI 2.08SC	0.098	LAA	13	0	0	0	C	C	4
8A	STRATEGO 2.08E	0.163	LAA	13	2	2	1	C	C	4
9A»	RNDUP POWERMAX	0.75	LAA	13	2	2	2	95	94	6
B»	LIQUID AMS	2.50	PMV	13						
C	HEADLINE 2.09E	0.098	LAA	13						
10A	TOUCHDOWN HT	0.75	LAA	13	2	1	1	98	83	7
B»	ACTIVATOR 90	0.25	PMV	13						
C»	LIQUID AMS	2.50	PMV	13						
D	HEADLINE 2.09E	0.098	LAA	13						
11A»	LAUDIS 3.5SC	0.082	LAA	13	1	1	1	47	87	7
B	ATRAZINE DF	0.50	LAA	13						
C»	COC	1.00	PMV	13						
D	HEADLINE 2.09E	0.098	LAA	13						
12A»	HALEX GT 4.38L	1.97	LAA	13	0	0	0	93	92	5
B»	LIQUID AMS	2.50	PMV	13						
C	HEADLINE 2.09E	0.098	LAA	13						
13A	STEADFAST 75WG	0.035	LAA	13	0	0	0	60	70	5
B»	STATUS 56DG	0.088	LAA	13						
C	HEADLINE 2.09E	0.098	LAA	13						
14A»	RNDUP POWERMAX	0.75	LAA	13	1	1	0	99	95	9
B»	LIQUID AMS	2.50	PMV	13						
C	QUADRI 2.08SC	0.098	LAA	13						
15A	TOUCHDOWN HT	0.75	LAA	13	0	0	0	95	85	9
B»	ACTIVATOR 90	0.25	PMV	13						
C»	LIQUID AMS	2.50	PMV	13						
D	QUADRI 2.08SC	0.098	LAA	13						
16A»	LAUDIS 3.5SC	0.082	LAA	13	1	1	0	43	83	6
B	ATRAZINE DF	0.50	LAA	13						
C»	COC	1.00	PMV	13						
D	QUADRI 2.08SC	0.098	LAA	13						
17A»	HALEX GT 4.38L	1.97	LAA	13	0	0	0	83	93	5
B»	LIQUID AMS	2.50	PMV	13						
C	QUADRI 2.08SC	0.098	LAA	13						
18A	STEADFAST 75WG	0.035	LAA	13	0	0	0	30	47	4
B»	STATUS 56DG	0.088	LAA	13						
C	QUADRI 2.08SC	0.098	LAA	13						

TITLE: Fungicide and Herbicide Combos Mid-Post Comparison. R-3N

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	SETFA	AMATA	ZEAMD
		RATE	UNIT	TM	CON % 06/07/10	CON % 06/10/10	CON % 06/17/10	CON % 06/17/10	CON % 06/17/10	CON % 08/19/10
19A	RNDUP POWERMAX	0.75	LAA	13	8	7	3	96	92	14
	B»LIQUID AMS	2.50	PMV	13						
	C STRATEGO 2.08E	0.163	LAA	13						
20A	TOUCHDOWN HT	0.75	LAA	13	7	6	3	96	87	14
	B»ACTIVATOR 90	0.25	PMV	13						
	C»LIQUID AMS	2.50	PMV	13						
	D STRATEGO 2.08E	0.163	LAA	13						
21A	LAUDIS 3.5SC	0.082	LAA	13	2	3	2	50	58	5
	B ATRAZINE DF	0.50	LAA	13						
	C»COC	1.00	PMV	13						
	D STRATEGO 2.08E	0.163	LAA	13						
22A	HALEX GT 4.38L	1.97	LAA	13	1	1	1	92	96	8
	B»LIQUID AMS	2.50	PMV	13						
	C STRATEGO 2.08E	0.163	LAA	13						
23A	STEADFAST 75WG	0.035	LAA	13	0	0	0	37	53	5
	B»STATUS 56DG	0.088	LAA	13						
	C STRATEGO 2.08E	0.163	LAA	13						
24A	CHECK	0.00	NA	0	0	0	0	0	0	6
	LSD (0.05)				1.38	1.76	1.00	6.38	15.57	11.10
	STANDARD DEVIATION				0.691	0.88	0.495	3.19	7.79	5.55

TITLE: Fungicide and Herbicide Combos Mid-Post Comparison. R-3N
CREATED: 05/27/2010 **REVISED:** 10/19/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	YIELD
		RATE	UNIT	TM	CON % 08/19/10	CON % 08/19/10	BU/A 10/12/10
1A»	RNDUP POWERMAX	0.75	LAA	13	4	4	183.6
B»	LIQUID AMS	2.50	PMV	13			
2A	TOUCHDOWN HT	0.75	LAA	13	4	5	188.1
B»	ACTIVATOR 90	0.25	PMV	13			
C»	LIQUID AMS	2.50	PMV	13			
3A»	LAUDIS 3.5SC	0.082	LAA	13	3	8	170.2
B	ATRAZINE DF	0.50	LAA	13			
C»	COC	1.00	PMV	13			
4A»	HALEX GT 4.38L	1.97	LAA	13	8	5	178.7
B»	LIQUID AMS	2.50	PMV	13			
5A	STEADFAST 75WG	0.035	LAA	13	3	5	155.9
B»	STATUS 56DG	0.088	LAA	13			
6A	HEADLINE 2.09E	0.098	LAA	13	4	3	163.4
7A	QUADRI 2.08SC	0.098	LAA	13	6	5	179.5
8A	STRATEGO 2.08E	0.163	LAA	13	12	16	187.7
9A»	RNDUP POWERMAX	0.75	LAA	13	4	4	187.5
B»	LIQUID AMS	2.50	PMV	13			
C	HEADLINE 2.09E	0.098	LAA	13			
10A	TOUCHDOWN HT	0.75	LAA	13	4	8	167.2
B»	ACTIVATOR 90	0.25	PMV	13			
C»	LIQUID AMS	2.50	PMV	13			
D	HEADLINE 2.09E	0.098	LAA	13			
11A»	LAUDIS 3.5SC	0.082	LAA	13	4	6	176.5
B	ATRAZINE DF	0.50	LAA	13			
C»	COC	1.00	PMV	13			
D	HEADLINE 2.09E	0.098	LAA	13			
12A»	HALEX GT 4.38L	1.97	LAA	13	4	4	156.4
B»	LIQUID AMS	2.50	PMV	13			
C	HEADLINE 2.09E	0.098	LAA	13			
13A	STEADFAST 75WG	0.035	LAA	13	6	8	170.3
B»	STATUS 56DG	0.088	LAA	13			
C	HEADLINE 2.09E	0.098	LAA	13			
14A»	RNDUP POWERMAX	0.75	LAA	13	5	10	164.9
B»	LIQUID AMS	2.50	PMV	13			
C	QUADRI 2.08SC	0.098	LAA	13			
15A	TOUCHDOWN HT	0.75	LAA	13	10	6	199.2
B»	ACTIVATOR 90	0.25	PMV	13			
C»	LIQUID AMS	2.50	PMV	13			
D	QUADRI 2.08SC	0.098	LAA	13			
16A»	LAUDIS 3.5SC	0.082	LAA	13	5	5	202.3
B	ATRAZINE DF	0.50	LAA	13			
C»	COC	1.00	PMV	13			
D	QUADRI 2.08SC	0.098	LAA	13			
17A»	HALEX GT 4.38L	1.97	LAA	13	5	5	169.8
B»	LIQUID AMS	2.50	PMV	13			
C	QUADRI 2.08SC	0.098	LAA	13			
18A	STEADFAST 75WG	0.035	LAA	13	7	6	159.3
B»	STATUS 56DG	0.088	LAA	13			
C	QUADRI 2.08SC	0.098	LAA	13			

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TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON %	ZEAMD CON %	YIELD BU/A
		RATE	UNIT TM	08/19/10	08/19/10	10/12/10
19A»	RNDUP POWERMAX	0.75	LAA 13	8	7	179.4
	B»LIQUID AMS	2.50	PMV 13			
	C STRATEGO 2.08E	0.163	LAA 13			
20A	TOUCHDOWN HT	0.75	LAA 13	9	8	185.5
	B»ACTIVATOR 90	0.25	PMV 13			
	C»LIQUID AMS	2.50	PMV 13			
	D STRATEGO 2.08E	0.163	LAA 13			
21A»	LAUDIS 3.5SC	0.082	LAA 13	4	9	166.9
	B ATRAZINE DF	0.50	LAA 13			
	C»COC	1.00	PMV 13			
	D STRATEGO 2.08E	0.163	LAA 13			
22A»	HALEX GT 4.38L	1.97	LAA 13	6	10	200.9
	B»LIQUID AMS	2.50	PMV 13			
	C STRATEGO 2.08E	0.163	LAA 13			
23A	STEADFAST 75WG	0.035	LAA 13	7	7	196.6
	B»STATUS 56DG	0.088	LAA 13			
	C STRATEGO 2.08E	0.163	LAA 13			
24A	CHECK	0.00	NA 0	5	6	145.7
		LSD (0.05)		6.86	7.17	34.24
		STANDARD DEVIATION		3.43	3.59	17.12

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING

13 = ----- / LPOST 06/04/2010(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/07/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/10/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/17/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/17/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	06/17/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	08/19/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	08/19/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	08/19/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/12/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N