

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	06/24/11	AME
AIR TEMPERATURE	62	F
% REL.HUMIDITY	61	
WIND DIRECTION	WEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY 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	---/16	
A 3431RR	10.0/10.0	IN
05/23/2011		
*** PEST ***		
VELVETLEAF	---/16	
	2.00/8.00	IN
WATERHEMP, COMMO	---/19	
	1.00/12.0	IN
MORNINGGLORY, TA	---/18	
	2.00/6.00	IN
FOXTAIL, GIANT	---/17	
	2.00/12.0	IN

* TIMING CODES

13 = ----- / LPOST

* STAGE CODE

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Adjuvant and Micronutrient Comparisons With Glyphosate in Soybean. AS-100
CREATED: 04/27/2011 **REVISED:** 09/02/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/01/11	SETFA CON % 07/01/11	ABUTH CON % 07/01/11	AMATA CON % 07/01/11	PHBPU CON % 07/01/11	GLXMA CON % 07/11/11
1A»RNDUP POWERMAX	0.77	LAA	13	0	97	85	98	80	0
2A»RNDUP POWERMAX	0.77	LAA	13	0	98	88	99	85	0
B»AG 08034	2.00	PMV	13						
3A»RNDUP POWERMAX	0.77	LAA	13	0	97	90	99	83	0
B»AG 09026	1.00	QMA	13						
4A»RNDUP POWERMAX	0.77	LAA	13	0	98	80	99	82	0
B»AG 09026	1.00	QMA	13						
C»AG 08034	1.00	PMV	13						
5A»RNDUP POWERMAX	0.77	LAA	13	0	98	85	99	80	0
B»AG 09026	1.00	QMA	13						
C»AG 08034	1.50	PMV	13						
6A»RNDUP POWERMAX	0.77	LAA	13	0	98	83	99	75	0
B»AG 09026	1.00	QMA	13						
C»AG 08034	2.00	PMV	13						
7A»RNDUP POWERMAX	0.77	LAA	13	0	98	90	99	80	0
B»AG 09027	1.00	QMA	13						
8A»RNDUP POWERMAX	0.77	LAA	13	0	98	90	99	83	0
B»AG 09027	1.00	QMA	13						
C»AG 08034	1.00	PMV	13						
9A»RNDUP POWERMAX	0.77	LAA	13	0	98	90	99	88	0
B»AG 09027	1.00	QMA	13						
C»AG 08034	1.50	PMV	13						
10A»RNDUP POWERMAX	0.77	LAA	13	0	98	90	99	88	0
B»AG 09027	1.00	QMA	13						
C»AG 08034	2.00	PMV	13						
11A TOUCHDOWN HT	0.56	LAA	13	0	96	90	99	82	0
12A TOUCHDOWN HT	0.56	LAA	13	0	98	90	99	87	0
B»N-PAK AMS	2.50	PMV	13						
13A TOUCHDOWN HT	0.56	LAA	13	0	97	90	99	85	0
B»CLASS ACT NG	2.50	PMV	13						
14A TOUCHDOWN HT	0.56	LAA	13	0	98	90	99	89	0
B»AG 08034	2.00	PMV	13						
15A TOUCHDOWN HT	0.56	LAA	13	0	98	90	99	85	0
B»CLASS ACT NG	1.25	PMV	13						
16A TOUCHDOWN HT	0.56	LAA	13	0	98	90	99	73	0
B»AG 08034	1.00	PMV	13						
LSD (0.05)				0.00	1.14	3.50	1.00	6.24	0.00
STANDARD DEVIATION				0.00	0.559	1.71	0.49	3.05	0.00

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TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 07/11/11	ABUTH CON % 07/11/11	AMATA CON % 07/11/11	PHBPU CON % 07/11/11	GLXMA CON % 07/22/11	SETFA CON % 07/22/11
1A»	RNDUP POWERMAX	0.77	LAA	13	99	99	96	92	0	98
2A»	RNDUP POWERMAX	0.77	LAA	13	98	99	96	94	0	97
	B»AG 08034	2.00	PMV	13						
3A»	RNDUP POWERMAX	0.77	LAA	13	98	99	96	93	0	97
	B»AG 09026	1.00	QMA	13						
4A»	RNDUP POWERMAX	0.77	LAA	13	99	99	95	93	0	99
	B»AG 09026	1.00	QMA	13						
	C»AG 08034	1.00	PMV	13						
5A»	RNDUP POWERMAX	0.77	LAA	13	98	99	98	92	0	99
	B»AG 09026	1.00	QMA	13						
	C»AG 08034	1.50	PMV	13						
6A»	RNDUP POWERMAX	0.77	LAA	13	99	99	97	92	0	99
	B»AG 09026	1.00	QMA	13						
	C»AG 08034	2.00	PMV	13						
7A»	RNDUP POWERMAX	0.77	LAA	13	98	99	98	93	0	99
	B»AG 09027	1.00	QMA	13						
8A»	RNDUP POWERMAX	0.77	LAA	13	98	99	98	93	0	99
	B»AG 09027	1.00	QMA	13						
	C»AG 08034	1.00	PMV	13						
9A»	RNDUP POWERMAX	0.77	LAA	13	99	99	96	95	0	99
	B»AG 09027	1.00	QMA	13						
	C»AG 08034	1.50	PMV	13						
10A»	RNDUP POWERMAX	0.77	LAA	13	98	99	96	95	0	98
	B»AG 09027	1.00	QMA	13						
	C»AG 08034	2.00	PMV	13						
11A	TOUCHDOWN HT	0.56	LAA	13	98	99	96	96	0	98
12A	TOUCHDOWN HT	0.56	LAA	13	98	99	96	94	0	98
	B»N-PAK AMS	2.50	PMV	13						
13A	TOUCHDOWN HT	0.56	LAA	13	99	99	98	96	0	98
	B»CLASS ACT NG	2.50	PMV	13						
14A	TOUCHDOWN HT	0.56	LAA	13	99	99	96	95	0	99
	B»AG 08034	2.00	PMV	13						
15A	TOUCHDOWN HT	0.56	LAA	13	99	99	99	95	0	99
	B»CLASS ACT NG	1.25	PMV	13						
16A	TOUCHDOWN HT	0.56	LAA	13	99	99	95	95	0	97
	B»AG 08034	1.00	PMV	13						
LSD (0.05)					1.19	0.00	3.80	3.09	0.00	1.70
STANDARD DEVIATION					0.584	0.00	1.86	1.52	0.00	0.833

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PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	ABUTH	AMATA	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %
				07/22/11	07/22/11
1A»	RNDUP POWERMAX	0.77	LAA 13	99	96
					93
2A»	RNDUP POWERMAX	0.77	LAA 13	98	96
	B»AG 08034	2.00	PMV 13		90
3A»	RNDUP POWERMAX	0.77	LAA 13	99	96
	B»AG 09026	1.00	QMA 13		94
4A»	RNDUP POWERMAX	0.77	LAA 13	99	94
	B»AG 09026	1.00	QMA 13		91
	C»AG 08034	1.00	PMV 13		
5A»	RNDUP POWERMAX	0.77	LAA 13	99	97
	B»AG 09026	1.00	QMA 13		93
	C»AG 08034	1.50	PMV 13		
6A»	RNDUP POWERMAX	0.77	LAA 13	99	97
	B»AG 09026	1.00	QMA 13		93
	C»AG 08034	2.00	PMV 13		
7A»	RNDUP POWERMAX	0.77	LAA 13	98	98
	B»AG 09027	1.00	QMA 13		96
8A»	RNDUP POWERMAX	0.77	LAA 13	99	98
	B»AG 09027	1.00	QMA 13		93
	C»AG 08034	1.00	PMV 13		
9A»	RNDUP POWERMAX	0.77	LAA 13	98	97
	B»AG 09027	1.00	QMA 13		96
	C»AG 08034	1.50	PMV 13		
10A»	RNDUP POWERMAX	0.77	LAA 13	99	97
	B»AG 09027	1.00	QMA 13		93
	C»AG 08034	2.00	PMV 13		
11A	TOUCHDOWN HT	0.56	LAA 13	99	98
					94
12A	TOUCHDOWN HT	0.56	LAA 13	99	98
	B»N-PAK AMS	2.50	PMV 13		97
13A	TOUCHDOWN HT	0.56	LAA 13	99	99
	B»CLASS ACT NG	2.50	PMV 13		96
14A	TOUCHDOWN HT	0.56	LAA 13	99	98
	B»AG 08034	2.00	PMV 13		95
15A	TOUCHDOWN HT	0.56	LAA 13	99	99
	B»CLASS ACT NG	1.25	PMV 13		97
16A	TOUCHDOWN HT	0.56	LAA 13	99	98
	B»AG 08034	1.00	PMV 13		95
LSD (0.05)				1.11	2.74
STANDARD DEVIATION				0.543	1.34
					3.00
					1.47

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

13 = ----- / LPOST 06/24/2011(1)

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 %	07/01/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/01/2011	02	P	SETFA		RAW	ALL	CON	%	---	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	CTRT	SS	NOTE
003	ABUTH	CON %	07/01/2011	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/01/2011	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	07/01/2011	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/11/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/11/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/11/2011	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/11/2011	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/11/2011	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	07/22/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/22/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	07/22/2011	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	CON %	07/22/2011	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/22/2011	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = A 3431RR