

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/01/12	AME
AIR TEMPERATURE	64	F
% REL.HUMIDITY	45	
WIND DIRECTION	WEST	
WIND SPEED	7.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
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 ***		
CORN, DENT	---/16	
N72F3000GT	20.0/20.0	IN
04/19/2012		
*** PEST ***		
VELVETLEAF	---/16	
	2.00/6.00	IN
WATERHEMP, COMMO	---/19	
	2.00/8.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/8.00	IN
MORNINGGLORY, TA	---/19	
	2.00/6.00	IN
FOXTAIL, GIANT	---/16	
	4.00/10.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

16 = 6 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and AMS Replacement Adjuvant Comparison in RR/LL Corn. AS-100
CREATED: 04/16/2012 **REVISED:** 08/10/2012 **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	DOSAGE	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %
				06/12/12	06/12/12	06/12/12	06/12/12	06/12/12
1A	TOUCHDOWN HT	0.56	LAA 12	0	89	63	79	83
2A	TOUCHDOWN HT	0.56	LAA 12	0	93	81	94	93
	B»N-PAK AMS	2.50	PMV 12					72
3A	TOUCHDOWN HT	0.56	LAA 12	0	95	86	96	98
	B»N-PAK AMS	5.00	PMV 12					81
4A	TOUCHDOWN HT	0.56	LAA 12	0	97	98	99	99
	B»CLASS ACT NG	2.50	PMV 12					84
5A	TOUCHDOWN HT	0.56	LAA 12	0	98	99	99	99
	B»CLASS ACT NG	1.25	PMV 12					82
6A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»CLASS ACT FLEX	2.00	PMV 12					86
7A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»CLASS ACT FLEX	1.00	PMV 12					86
8A	TOUCHDOWN HT	0.56	LAA 12	0	98	97	99	99
	B»PLACMNT PROPAK	1.00	PMV 12					78
9A	TOUCHDOWN HT	0.56	LAA 12	0	98	88	96	98
	B»AG 11011	1.00	PMV 12					83
10A	TOUCHDOWN HT	0.56	LAA 12	0	97	85	97	97
	B»AG 12030	1.00	PMV 12					78
11A	TOUCHDOWN HT	0.56	LAA 12	0	95	83	97	94
	B»AG 12030	0.50	PMV 12					74
12A	TOUCHDOWN HT	0.56	LAA 12	0	95	83	96	96
	B»AG 12030	1.00	PMV 12					73
	C»INTERLOCK	4.00	ZMA 12					
LSD (0.05)				0.00	3.72	12.54	5.22	3.66
STANDARD DEVIATION				0.00	1.79	6.00	2.52	1.77
								10.91
								5.26

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PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/27/12	06/27/12	06/27/12	06/27/12
1A	TOUCHDOWN HT	0.56	LAA 12		0	85	50	68
								82
								37
2A	TOUCHDOWN HT	0.56	LAA 12		0	93	70	83
	B»N-PAK AMS	2.50	PMV 12					88
								65
3A	TOUCHDOWN HT	0.56	LAA 12		0	96	74	85
	B»N-PAK AMS	5.00	PMV 12					95
								77
4A	TOUCHDOWN HT	0.56	LAA 12		0	97	97	99
	B»CLASS ACT NG	2.50	PMV 12					99
								87
5A	TOUCHDOWN HT	0.56	LAA 12		0	96	87	98
	B»CLASS ACT NG	1.25	PMV 12					99
								82
6A	TOUCHDOWN HT	0.56	LAA 12		0	97	98	98
	B»CLASS ACT FLEX	2.00	PMV 12					99
								86
7A	TOUCHDOWN HT	0.56	LAA 12		0	98	97	98
	B»CLASS ACT FLEX	1.00	PMV 12					99
								89
8A	TOUCHDOWN HT	0.56	LAA 12		0	98	92	95
	B»PLACMNT PROPAK	1.00	PMV 12					99
								80
9A	TOUCHDOWN HT	0.56	LAA 12		0	97	80	92
	B»AG 11011	1.00	PMV 12					99
								84
10A	TOUCHDOWN HT	0.56	LAA 12		0	97	69	87
	B»AG 12030	1.00	PMV 12					99
								77
11A	TOUCHDOWN HT	0.56	LAA 12		0	97	68	83
	B»AG 12030	0.50	PMV 12					99
								63
12A	TOUCHDOWN HT	0.56	LAA 12		0	96	68	88
	B»AG 12030	1.00	PMV 12					99
	C»INTERLOCK	4.00	ZMA 12					
								70
LSD (0.05)					0.00	3.20	15.69	8.29
STANDARD DEVIATION					0.00	1.54	7.57	4.00
								3.18
								1.53
								7.43
								3.58

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/01/2012(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/12/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/12/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/12/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/12/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/27/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/27/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/27/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/27/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/27/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/27/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = N72F3000GT