

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	12	
TYPE	LIQMIX	
APPLICATION DATE	06/08/12	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	24	
WIND DIRECTION	---	
WIND SPEED	0.0	M/H
CLOUD COVER	CLEAR	
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	---/14	
A 3231RR	6.00/6.00	IN
05/10/2012		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	1.00/5.00	IN
MORNINGGLORY, TA	---/17	
	2.00/4.00	IN
FOXTAIL, GIANT	---/16	
	2.00/8.00	IN
COCKLEBUR, COMMO	---/16	
	2.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 16 = 6 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and Avalanche Ultra with Adjuvants in RR Soybean. AS-200
CREATED: 04/16/2012 **REVISED:** 09/05/2012 **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	GLXMA	SETFA	AMATA	XANST	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %
				06/17/12	06/17/12	06/17/12	06/17/12	07/06/12
1A	TOUCHDOWN HT	0.38	LAA 12	8	99	98	99	86
B»	AVALANCHE ULTR	0.25	LAA 12					
2A	TOUCHDOWN HT	0.38	LAA 12	11	99	99	99	89
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	N-PAK AMS	2.50	PMV 12					
3A	TOUCHDOWN HT	0.38	LAA 12	14	99	99	99	96
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	CLASS ACT NG	2.50	PMV 12					
4A	TOUCHDOWN HT	0.38	LAA 12	16	99	99	99	96
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	CLASS ACT NG	2.50	PMV 12					
D»	INTERLOCK	4.00	ZMA 12					
5A	TOUCHDOWN HT	0.38	LAA 12	14	99	99	99	94
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	CLASS ACT FLEX	2.00	PMV 12					
6A	TOUCHDOWN HT	0.38	LAA 12	19	99	99	99	97
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	CLASS ACT FLEX	2.00	PMV 12					
D»	INTERLOCK	4.00	ZMA 12					
7A	TOUCHDOWN HT	0.38	LAA 12	18	99	99	99	97
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	SUPERB HC	1.00	PMA 12					
D»	CLASS ACT FLEX	2.00	PMV 12					
8A	TOUCHDOWN HT	0.38	LAA 12	22	99	99	99	98
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	SUPERB HC	0.50	PMV 12					
D»	CLASS ACT FLEX	2.00	PMV 12					
9A	TOUCHDOWN HT	0.38	LAA 12	16	99	99	99	96
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	SUPERB HC	0.50	PMV 12					
D»	CLASS ACT FLEX	2.00	PMV 12					
E»	INTERLOCK	4.00	ZMA 12					
10A	TOUCHDOWN HT	0.38	LAA 12	17	99	99	99	96
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	DESTINY HC	1.00	PMA 12					
D»	CLASS ACT FLEX	2.00	PMV 12					
11A	TOUCHDOWN HT	0.38	LAA 12	15	99	99	99	97
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	DESTINY HC	0.50	PMV 12					
D»	CLASS ACT FLEX	2.00	PMV 12					
12A	TOUCHDOWN HT	0.38	LAA 12	16	99	99	99	98
B»	AVALANCHE ULTR	0.25	LAA 12					
C»	DESTINY HC	0.50	PMV 12					
D»	INTERLOCK	4.00	ZMA 12					
LSD (0.05)				5.00	0.00	0.564	0.00	4.11
STANDARD DEVIATION				2.40	0.00	0.272	0.00	2.00
								0.00

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PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	XANST	PHBPU
		RATE	UNIT		CON % 07/06/12	CON % 07/06/12	CON % 07/06/12	CON % 07/06/12
1A	TOUCHDOWN HT	0.38	LAA	12	94	88	99	85
	B»AVALANCHE ULTR	0.25	LAA	12				
2A	TOUCHDOWN HT	0.38	LAA	12	98	94	99	89
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»N-PAK AMS	2.50	PMV	12				
3A	TOUCHDOWN HT	0.38	LAA	12	98	98	99	93
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»CLASS ACT NG	2.50	PMV	12				
4A	TOUCHDOWN HT	0.38	LAA	12	98	97	99	90
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»CLASS ACT NG	2.50	PMV	12				
	D»INTERLOCK	4.00	ZMA	12				
5A	TOUCHDOWN HT	0.38	LAA	12	98	97	99	89
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»CLASS ACT FLEX	2.00	PMV	12				
6A	TOUCHDOWN HT	0.38	LAA	12	97	97	99	91
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»CLASS ACT FLEX	2.00	PMV	12				
	D»INTERLOCK	4.00	ZMA	12				
7A	TOUCHDOWN HT	0.38	LAA	12	98	99	99	92
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»SUPERB HC	1.00	PMA	12				
	D»CLASS ACT FLEX	2.00	PMV	12				
8A	TOUCHDOWN HT	0.38	LAA	12	97	98	99	90
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»SUPERB HC	0.50	PMV	12				
	D»CLASS ACT FLEX	2.00	PMV	12				
9A	TOUCHDOWN HT	0.38	LAA	12	97	99	99	89
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»SUPERB HC	0.50	PMV	12				
	D»CLASS ACT FLEX	2.00	PMV	12				
	E»INTERLOCK	4.00	ZMA	12				
10A	TOUCHDOWN HT	0.38	LAA	12	98	99	99	90
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»DESTINY HC	1.00	PMA	12				
	D»CLASS ACT FLEX	2.00	PMV	12				
11A	TOUCHDOWN HT	0.38	LAA	12	99	98	99	93
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»DESTINY HC	0.50	PMV	12				
	D»CLASS ACT FLEX	2.00	PMV	12				
12A	TOUCHDOWN HT	0.38	LAA	12	95	96	99	87
	B»AVALANCHE ULTR	0.25	LAA	12				
	C»DESTINY HC	0.50	PMV	12				
	D»INTERLOCK	4.00	ZMA	12				
LSD (0.05)					3.14	4.49	0.00	9.11
STANDARD DEVIATION					1.52	2.17	0.00	4.39

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/08/2012(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/17/2012	01	P	GLXMA		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
002	SETFA	CON %	06/17/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/17/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/17/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/17/2012	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/06/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/06/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	07/06/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/06/2012	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR