

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	06/10/10	AME
AIR TEMPERATURE	79	F
% REL.HUMIDITY	47	
WIND DIRECTION	NA/NONE/U	
WIND SPEED	0.0	M/H
CLOUD COVER	CLOUDY	
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 ***		
SOYBEAN	---/15	
NKS30-F5	8.00/10.0	IN
05/05/2010		
*** PEST ***		
VELVETLEAF	---/16	
	2.00/6.00	IN
WATERHEMP, COMMO	---/19	
	2.00/6.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/6.00	IN
MORNINGGLORY, TA	---/19	
	2.00/6.00	IN
FOXTAIL, GIANT	---/16	
	2.00/8.00	IN
COCKLEBUR, COMMO	---/16	
	2.00/10.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and Micronutrient / Adjuvants for Weed Control in RR Soybean. AS-200
CREATED: 04/28/2010 **REVISED:** 08/30/2010 **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	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %
				06/22/10	06/22/10	06/22/10	06/22/10	06/22/10
1A	TOUCHDOWN HT	0.56	LAA 12	0	92	73	84	96
2A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»CLASS ACT NG	2.50	PMV 12					87
3A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AG 10003	2.00	PMV 12					85
4A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AG 10004	2.00	PMV 12					88
5A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AG 10009	2.00	PMV 12					87
6A	TOUCHDOWN HT	0.56	LAA 12	0	98	99	98	99
	B»AGM 09026	1.00	QMA 12					83
7A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AGM 09026	1.00	QMA 12					85
	C»CLASS ACT NG	2.50	PMV 12					
8A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AGM 09026	1.00	QMA 12					83
	C»AG 10003	2.00	PMV 12					
9A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AGM 09026	1.00	QMA 12					81
	C»AG 10004	2.00	PMV 12					
10A	TOUCHDOWN HT	0.56	LAA 12	0	99	99	99	99
	B»AGM 09026	1.00	QMA 12					82
	C»AG 10009	2.00	PMV 12					
11A»	RNDUP POWERMAX	0.56	LAA 12	0	99	98	98	99
	B»LIQUID AMS	2.50	PMV 12					83
12A»	RNDUP POWERMAX	0.56	LAA 12	0	99	99	99	99
	B»AGM 09026	1.00	QMA 12					83
	C»AG 10009	2.00	PMV 12					
LSD (0.05)				0.00	1.47	5.62	2.00	0.564
STANDARD DEVIATION				0.00	0.709	2.71	1.00	0.272
								5.37
								2.59

TITLE: Glyphosate and Micronutrient / Adjuvants for Weed Control in RR Soybean. AS-200
CREATED: 04/28/2010 **REVISED:** 08/30/2010 **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		XANST	GLXMA	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/22/10	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10
1A	TOUCHDOWN HT	0.56	LAA 12	99	0	93	78	83	96
2A	TOUCHDOWN HT	0.56	LAA 12	99	0	98	99	99	99
	B»CLASS ACT NG	2.50	PMV 12						
3A	TOUCHDOWN HT	0.56	LAA 12	99	0	98	99	99	99
	B»AG 10003	2.00	PMV 12						
4A	TOUCHDOWN HT	0.56	LAA 12	99	0	99	99	99	99
	B»AG 10004	2.00	PMV 12						
5A	TOUCHDOWN HT	0.56	LAA 12	99	0	98	98	99	99
	B»AG 10009	2.00	PMV 12						
6A	TOUCHDOWN HT	0.56	LAA 12	99	0	98	95	96	98
	B»AGM 09026	1.00	QMA 12						
7A	TOUCHDOWN HT	0.56	LAA 12	99	0	99	99	98	99
	B»AGM 09026	1.00	QMA 12						
	C»CLASS ACT NG	2.50	PMV 12						
8A	TOUCHDOWN HT	0.56	LAA 12	99	0	99	98	98	99
	B»AGM 09026	1.00	QMA 12						
	C»AG 10003	2.00	PMV 12						
9A	TOUCHDOWN HT	0.56	LAA 12	99	0	98	98	98	99
	B»AGM 09026	1.00	QMA 12						
	C»AG 10004	2.00	PMV 12						
10A	TOUCHDOWN HT	0.56	LAA 12	99	0	99	98	98	99
	B»AGM 09026	1.00	QMA 12						
	C»AG 10009	2.00	PMV 12						
11A»	RNDUP POWERMAX	0.56	LAA 12	99	0	99	98	97	99
	B»LIQUID AMS	2.50	PMV 12						
12A»	RNDUP POWERMAX	0.56	LAA 12	99	0	99	99	99	99
	B»AGM 09026	1.00	QMA 12						
	C»AG 10009	2.00	PMV 12						
LSD (0.05)				0.00	0.00	1.73	4.31	1.70	1.28
STANDARD DEVIATION				0.00	0.00	0.834	2.08	0.822	0.62

TITLE: Glyphosate and Micronutrient / Adjuvants for Weed Control in RR Soybean. AS-200
CREATED: 04/28/2010 **REVISED:** 08/30/2010 **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	PHBPU	XANST
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	TM	07/09/10
1A	TOUCHDOWN HT	0.56	LAA 12	73
2A	TOUCHDOWN HT	0.56	LAA 12	88
	B»CLASS ACT NG	2.50	PMV 12	98
3A	TOUCHDOWN HT	0.56	LAA 12	95
	B»AG 10003	2.00	PMV 12	99
4A	TOUCHDOWN HT	0.56	LAA 12	94
	B»AG 10004	2.00	PMV 12	99
5A	TOUCHDOWN HT	0.56	LAA 12	90
	B»AG 10009	2.00	PMV 12	99
6A	TOUCHDOWN HT	0.56	LAA 12	78
	B»AGM 09026	1.00	QMA 12	99
7A	TOUCHDOWN HT	0.56	LAA 12	86
	B»AGM 09026	1.00	QMA 12	99
	C»CLASS ACT NG	2.50	PMV 12	
8A	TOUCHDOWN HT	0.56	LAA 12	88
	B»AGM 09026	1.00	QMA 12	99
	C»AG 10003	2.00	PMV 12	
9A	TOUCHDOWN HT	0.56	LAA 12	90
	B»AGM 09026	1.00	QMA 12	99
	C»AG 10004	2.00	PMV 12	
10A	TOUCHDOWN HT	0.56	LAA 12	92
	B»AGM 09026	1.00	QMA 12	99
	C»AG 10009	2.00	PMV 12	
11A»	RNDUP POWERMAX	0.56	LAA 12	92
	B»LIQUID AMS	2.50	PMV 12	99
12A»	RNDUP POWERMAX	0.56	LAA 12	92
	B»AGM 09026	1.00	QMA 12	99
	C»AG 10009	2.00	PMV 12	
LSD (0.05)			5.64	1.28
STANDARD DEVIATION			2.72	0.62

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/10/2010(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 %	06/22/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/22/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/22/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/22/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/22/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/22/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/22/2010	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	07/09/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/09/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/09/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/09/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/09/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	07/09/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/09/2010	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = NKS30-F5