

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.8
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	07/05/05	AME
AIR TEMPERATURE	83	F
% REL.HUMIDITY	50	
WIND DIRECTION	NORTHWEST	
WIND SPEED	5.0	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	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/19	
AG3005RR	16.0/16.0	IN
05/16/2005		
*** PEST ***		
VELVETLEAF	---/08	
	8.00/16.0	IN
RAGWEED, COMMON	---/19	
	10.0/16.0	IN
MORNINGGLORY, TA	---/19	
	4.00/12.0	IN
FOXTAIL, GIANT	---/17	
	10.0/16.0	IN
COCKLEBUR, COMMO	---/18	
	8.00/16.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

08 = SHOOT GROWING TOWARDS SOIL SURFACE
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES

TITLE: Glyphosate and Adjuvants for Weed Control in Glyphosate Resistant Soybean
CREATED: 05/14/2005 **REVISED:** 08/24/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	AMBEL	XANST	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	07/16/05	07/16/05	07/16/05	07/16/05	07/16/05
1A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	98	99	94
B»	PREFERENCE	0.25	PMV 12					89
C»	N-PAK AMS	2.50	PMV 12					
2A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	97	99	93
B»	AG 03019	0.25	PMV 12					86
C»	N-PAK AMS	2.50	PMV 12					
3A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	94	98	91
B»	AG 03037	0.25	PMV 12					83
C»	N-PAK AMS	2.50	PMV 12					
4A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	97	99	95
B»	AG 04082	0.25	PMV 12					88
C»	N-PAK AMS	2.50	PMV 12					
5A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	97	99	94
B»	AG 05015	0.25	PMV 12					88
C»	N-PAK AMS	2.50	PMV 12					
6A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	98	99	94
B»	AG 04082	0.50	PMV 12					89
C»	N-PAK AMS	2.50	PMV 12					
7A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	98	99	94
B»	AG 05013	0.25	PMV 12					90
C»	N-PAK AMS	2.50	PMV 12					
8A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	98	99	93
B»	AG 05014	0.25	PMV 12					87
C»	N-PAK AMS	2.50	PMV 12					
9A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	96	99	93
B»	ACTIVATOR 90	0.25	PMV 12					88
C»	LIQUID AMS	2.50	PMV 12					
10A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	96	99	88
B»	N-PAK AMS	5.00	PMV 12					87
11A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	97	99	93
B»	N-PAK AMS	5.00	PMV 12					91
12A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	98	99	96
B»	CLASS ACT NG	2.50	PMV 12					93
13A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	98	99	96
B»	ALLIANCE	1.25	PMV 12					90
14A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	96	99	91
B»	AG 03019	0.50	PMV 12					75
15A	CHECK	0.00	NA 0	0	0	0	0	0
16A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	96	99	90
B»	AG 03019	1.00	PMV 12					89
17A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	98	99	91
B»	ALLIANCE	1.25	PMV 12					94
C»	AG 05017	4.00	ZMA 12					
18A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	97	99	93
B»	CLASS ACT NG	2.50	PMV 12					88
C»	AG 05017	4.00	ZMA 12					
LSD (0.05)				0.00	1.30	2.07	0.449	3.41
STANDARD DEVIATION				0.00	0.645	1.00	0.222	1.69
								6.65
								3.29

TITLE: Glyphosate and Adjuvants for Weed Control in Glyphosate Resistant Soybean
CREATED: 05/14/2005 **REVISED:** 08/24/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	AMBEL	XANST	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	07/16/05	07/16/05	07/16/05	07/16/05	07/16/05
1A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	96	99	97
B»	PREFERENCE	0.25	PMV 12					86
C»	N-PAK AMS	2.50	PMV 12					
2A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	96	99	96
B»	AG 03019	0.25	PMV 12					86
C»	N-PAK AMS	2.50	PMV 12					
3A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	96	99	96
B»	AG 03037	0.25	PMV 12					84
C»	N-PAK AMS	2.50	PMV 12					
4A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	95	99	96
B»	AG 04082	0.25	PMV 12					86
C»	N-PAK AMS	2.50	PMV 12					
5A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	97	98	96
B»	AG 05015	0.25	PMV 12					87
C»	N-PAK AMS	2.50	PMV 12					
6A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	97	99	97
B»	AG 04082	0.50	PMV 12					92
C»	N-PAK AMS	2.50	PMV 12					
7A»	ROUNDUP ORIGIN	0.38	LAA 12	0	99	97	99	97
B»	AG 05013	0.25	PMV 12					87
C»	N-PAK AMS	2.50	PMV 12					
8A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	98	99	97
B»	AG 05014	0.25	PMV 12					86
C»	N-PAK AMS	2.50	PMV 12					
9A»	ROUNDUP ORIGIN	0.38	LAA 12	0	98	97	99	95
B»	ACTIVATOR 90	0.25	PMV 12					87
C»	LIQUID AMS	2.50	PMV 12					
10A»	WEATHERMAX 4.5	0.38	LAA 12	0	96	94	96	83
B»	N-PAK AMS	5.00	PMV 12					78
11A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	98	99	97
B»	N-PAK AMS	5.00	PMV 12					89
12A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	98	99	98
B»	CLASS ACT NG	2.50	PMV 12					91
13A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	98	99	96
B»	ALLIANCE	1.25	PMV 12					84
14A»	WEATHERMAX 4.5	0.38	LAA 12	0	97	96	98	91
B»	AG 03019	0.50	PMV 12					77
15A	CHECK	0.00	NA 0	0	0	0	0	0
16A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	95	99	94
B»	AG 03019	1.00	PMV 12					85
17A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	97	99	96
B»	ALLIANCE	1.25	PMV 12					85
C»	AG 05017	4.00	ZMA 12					
18A»	WEATHERMAX 4.5	0.38	LAA 12	0	99	97	99	97
B»	CLASS ACT NG	2.50	PMV 12					87
C»	AG 05017	4.00	ZMA 12					
LSD (0.05)				0.00	1.00	1.83	0.852	1.90
STANDARD DEVIATION				0.00	0.517	0.906	0.422	0.942
								6.23
								3.08

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

*** CONTINUE ON NEXT PAGE

00 = ----- / UNTREATED TIMING
 00 = ----- / UNTREATED TIMING
 12 = ----- / POST 07/05/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	07/16/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/16/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	07/16/2005	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	07/16/2005	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	07/16/2005	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	07/16/2005	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/16/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/16/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBEL	CON %	07/16/2005	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	XANST	CON %	07/16/2005	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/16/2005	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/16/2005	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = AG3005RR