

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	13	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	07/01/08	07/10/08	AME
AIR TEMPERATURE	91	77	F
% REL.HUMIDITY	32	60	
WIND DIRECTION	SOUTHWEST	SOUTH	
WIND SPEED	3.0	4.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/14	---/15	
ASGROW 2802	6.00/6.00	8.00/8.00	IN
06/02/2008			
*** PEST ***			
RAGWEED, GIANT	---/18	---/19	
	6.00/10.0	8.00/14.0	IN

* TIMING CODES

12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Tank-mix combinations for weed control in soybean. SW-1600
CREATED: 05/07/2008 **REVISED:** 11/11/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	AMBTR	GLXMA	AMBTR	GLXMA
		RATE	UNIT	TM	10 DAT 07/17/08	14 DAT 07/23/08	14 DAT 07/23/08	28 DAT 07/30/08	28 DAT 07/30/08	56 DAT 08/27/08
1A»	RNDUP POWERMAX	0.75	LAA	12	0	0	83	0	75	0
B»	LIQUID AMS	5.00	PMV	12						
2A»	RNDUP POWERMAX	1.13	LAA	12	0	0	92	0	88	0
B»	LIQUID AMS	5.00	PMV	12						
3A»	RNDUP POWERMAX	1.50	LAA	12	0	0	96	0	94	0
B»	LIQUID AMS	5.00	PMV	12						
4A»	RNDUP POWERMAX	0.75	LAA	12	0	1	87	0	88	0
B»	LIQUID AMS	5.00	PMV	12						
C»	RNDUP POWERMAX	0.75	LAA	13						
D»	LIQUID AMS	5.00	PMV	13						
5A»	RNDUP POWERMAX	1.13	LAA	12	0	0	85	0	91	0
B»	LIQUID AMS	5.00	PMV	12						
C»	RNDUP POWERMAX	1.13	LAA	13						
D»	LIQUID AMS	5.00	PMV	13						
6A»	RNDUP POWERMAX	0.75	LAA	12	10	10	87	0	75	0
B	COBRA 2EC	0.094	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
7A»	RNDUP POWERMAX	0.75	LAA	12	10	8	94	0	80	0
B	COBRA 2EC	0.188	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
8A»	RNDUP POWERMAX	0.75	LAA	12	10	7	88	0	80	0
B	FLEXSTAR 1.88	0.147	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
9A»	RNDUP POWERMAX	0.75	LAA	12	8	5	96	0	82	0
B	FLEXSTAR 1.88	0.294	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
10A»	RNDUP POWERMAX	0.75	LAA	12	0	1	92	0	85	0
B	FIRSTRATE 84WG	0.016	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
11A»	RNDUP POWERMAX	0.75	LAA	12	0	0	87	0	78	0
B»	SYNCHRONY XP 2	0.0067	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
12A»	RNDUP POWERMAX	0.75	LAA	13	0	0	67	0	85	0
B»	LIQUID AMS	5.00	PMV	13						
13A»	RNDUP POWERMAX	1.13	LAA	13	0	0	67	0	68	0
B»	LIQUID AMS	5.00	PMV	13						
14A»	RNDUP POWERMAX	1.50	LAA	13	0	0	73	0	88	0
B»	LIQUID AMS	5.00	PMV	13						
15A»	RNDUP POWERMAX	0.75	LAA	13	7	7	63	0	63	0
B	COBRA 2EC	0.094	LAA	13						
C»	LIQUID AMS	5.00	PMV	13						
16A»	RNDUP POWERMAX	0.75	LAA	13	10	8	57	0	57	0
B	COBRA 2EC	0.188	LAA	13						
C»	LIQUID AMS	5.00	PMV	13						
17A»	RNDUP POWERMAX	0.75	LAA	13	6	6	63	0	70	0
B	FLEXSTAR 1.88	0.147	LAA	13						
C»	LIQUID AMS	5.00	PMV	13						
18A»	RNDUP POWERMAX	0.75	LAA	13	7	5	68	0	63	0
B	FLEXSTAR 1.88	0.294	LAA	13						
C»	LIQUID AMS	5.00	PMV	13						

TITLE: Tank-mix combinations for weed control in soybean. SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	GLXMA	AMBTR	GLXMA	AMBTR	GLXMA
		RATE	UNIT TM	10 DAT 07/17/08	14 DAT 07/23/08	14 DAT 07/23/08	28 DAT 07/30/08	28 DAT 07/30/08	56 DAT 08/27/08
19A»	RNDUP POWERMAX	0.75	LAA 13	0	0	63	0	82	0
	B FIRSTRATE 84WG	0.016	LAA 13						
	C»LIQUID AMS	5.00	PMV 13						
20A»	RNDUP POWERMAX	0.75	LAA 13	0	1	72	0	80	0
	B»SYNCHRONY XP 2	0.0067	LAA 13						
	C»LIQUID AMS	5.00	PMV 13						
21A»	SONIC 70DF	0.131	LAA 9	0	0	23	0	72	0
	B»RNDUP POWERMAX	0.75	LAA 13						
	C»LIQUID AMS	5.00	PMV 13						
22A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	2.79	2.44	21.17	0.00	18.86	0.00
			STANDARD DEVIATION	1.39	1.22	10.58	0.00	9.43	0.00

TITLE: Tank-mix combinations for weed control in soybean. SW-1600
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PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	YIELD
		RATE	UNIT	TM	56 DAT 08/27/08	BU/A 10/23/08
1A»	RNDUP POWERMAX	0.75	LAA	12	83	50.3
B»	LIQUID AMS	5.00	PMV	12		
2A»	RNDUP POWERMAX	1.13	LAA	12	87	47.4
B»	LIQUID AMS	5.00	PMV	12		
3A»	RNDUP POWERMAX	1.50	LAA	12	85	46.9
B»	LIQUID AMS	5.00	PMV	12		
4A»	RNDUP POWERMAX	0.75	LAA	12	83	49.1
B»	LIQUID AMS	5.00	PMV	12		
C»	RNDUP POWERMAX	0.75	LAA	13		
D»	LIQUID AMS	5.00	PMV	13		
5A»	RNDUP POWERMAX	1.13	LAA	12	91	55.0
B»	LIQUID AMS	5.00	PMV	12		
C»	RNDUP POWERMAX	1.13	LAA	13		
D»	LIQUID AMS	5.00	PMV	13		
6A»	RNDUP POWERMAX	0.75	LAA	12	82	49.2
B	COBRA 2EC	0.094	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
7A»	RNDUP POWERMAX	0.75	LAA	12	78	44.9
B	COBRA 2EC	0.188	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
8A»	RNDUP POWERMAX	0.75	LAA	12	80	46.5
B	FLEXSTAR 1.88	0.147	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
9A»	RNDUP POWERMAX	0.75	LAA	12	80	42.7
B	FLEXSTAR 1.88	0.294	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
10A»	RNDUP POWERMAX	0.75	LAA	12	90	46.5
B	FIRSTRATE 84WG	0.016	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
11A»	RNDUP POWERMAX	0.75	LAA	12	78	44.6
B»	SYNCHRONY XP 2	0.0067	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
12A»	RNDUP POWERMAX	0.75	LAA	13	86	37.9
B»	LIQUID AMS	5.00	PMV	13		
13A»	RNDUP POWERMAX	1.13	LAA	13	80	41.0
B»	LIQUID AMS	5.00	PMV	13		
14A»	RNDUP POWERMAX	1.50	LAA	13	82	39.3
B»	LIQUID AMS	5.00	PMV	13		
15A»	RNDUP POWERMAX	0.75	LAA	13	55	36.2
B	COBRA 2EC	0.094	LAA	13		
C»	LIQUID AMS	5.00	PMV	13		
16A»	RNDUP POWERMAX	0.75	LAA	13	45	35.3
B	COBRA 2EC	0.188	LAA	13		
C»	LIQUID AMS	5.00	PMV	13		
17A»	RNDUP POWERMAX	0.75	LAA	13	68	38.8
B	FLEXSTAR 1.88	0.147	LAA	13		
C»	LIQUID AMS	5.00	PMV	13		
18A»	RNDUP POWERMAX	0.75	LAA	13	80	43.9
B	FLEXSTAR 1.88	0.294	LAA	13		
C»	LIQUID AMS	5.00	PMV	13		

TITLE: Tank-mix combinations for weed control in soybean. SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	AMBTR 56 DAT 08/27/08	YIELD BU/A 10/23/08
19A»	RNDUP POWERMAX	0.75	LAA 13	96	44.2
	B FIRSTRATE 84WG	0.016	LAA 13		
	C»LIQUID AMS	5.00	PMV 13		
20A»	RNDUP POWERMAX	0.75	LAA 13	92	38.7
	B»SYNCHRONY XP 2	0.0067	LAA 13		
	C»LIQUID AMS	5.00	PMV 13		
21A»	SONIC 70DF	0.131	LAA 9	85	41.6
	B»RNDUP POWERMAX	0.75	LAA 13		
	C»LIQUID AMS	5.00	PMV 13		
22A	CHECK	0.00	NA 0	0	17.9
				LSD (0.05)	21.36
				STANDARD DEVIATION	10.68
					9.32
					4.66

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE
- 12 = ----- / POST 07/01/2008(1)
- 13 = ----- / LPOST 07/10/2008(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	10 DAT	07/17/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	14 DAT	07/23/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	14 DAT	07/23/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	28 DAT	07/30/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBTR	28 DAT	07/30/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	56 DAT	08/27/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBTR	56 DAT	08/27/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	YIELD	BU/A	10/23/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 2802