

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	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	07/01/08	AME
AIR TEMPERATURE	91	F
% REL.HUMIDITY	32	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	3.0	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	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME		
SCREEN SIZE		
PRESSURE	40.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
RAGWEED, GIANT	---/18 6.00/10.0	IN
SOYBEAN	---/15	
ASGROW 2802	6.00/8.00	IN
06/02/2008		

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: ISA Adjuvant effects on post broadleaf combinations. 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 RATE	UNIT	TM	GLXMA CON % 07/10/08	GLXMA CON % 07/17/08	AMBTR CON % 07/17/08	GLXMA CON % 07/30/08	AMBTR CON % 07/30/08	GLXMA CON % 08/27/08
1A»	RNDUP POWERMAX	0.75	LAA	12	0	2	88	0	73	0
B»	LIQUID AMS	5.00	PMV	12						
2A»	RNDUP POWERMAX	1.13	LAA	12	7	4	96	0	79	0
B	COBRA 2EC	0.094	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
3A»	RNDUP POWERMAX	1.13	LAA	12	5	6	87	0	75	0
B	COBRA 2EC	0.094	LAA	12						
C»	PREFERENCE	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
4A»	RNDUP POWERMAX	1.13	LAA	12	12	10	92	0	79	0
B	COBRA 2EC	0.094	LAA	12						
C»	PRIME OIL	1.00	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
5A»	RNDUP POWERMAX	1.13	LAA	12	12	7	93	0	88	0
B	COBRA 2EC	0.094	LAA	12						
C»	SUPERB HC	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
6A»	RNDUP POWERMAX	1.13	LAA	12	7	7	90	0	77	0
B	COBRA 2EC	0.094	LAA	12						
C»	DESTINY HC	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
7A»	RNDUP POWERMAX	1.13	LAA	12	7	8	89	0	82	0
B	COBRA 2EC	0.188	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
8A»	RNDUP POWERMAX	1.13	LAA	12	10	7	88	0	80	0
B	COBRA 2EC	0.188	LAA	12						
C»	PREFERENCE	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
9A»	RNDUP POWERMAX	1.13	LAA	12	10	8	96	0	84	0
B	COBRA 2EC	0.188	LAA	12						
C»	PRIME OIL	1.00	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
10A»	RNDUP POWERMAX	1.13	LAA	12	8	5	94	0	84	0
B	COBRA 2EC	0.188	LAA	12						
C»	SUPERB HC	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
11A»	RNDUP POWERMAX	1.13	LAA	12	7	7	62	0	82	0
B	COBRA 2EC	0.188	LAA	12						
C»	DESTINY HC	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
12A»	RNDUP POWERMAX	1.13	LAA	12	5	5	90	0	87	0
B	FLEXSTAR 1.88	0.147	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
13A»	RNDUP POWERMAX	1.13	LAA	12	8	5	92	0	87	0
B	FLEXSTAR 1.88	0.147	LAA	12						
C»	PREFERENCE	0.50	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
14A»	RNDUP POWERMAX	1.13	LAA	12	8	2	91	0	88	0
B	FLEXSTAR 1.88	0.147	LAA	12						
C»	PRIME OIL	1.00	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						

TITLE: ISA Adjuvant effects on post broadleaf combinations. SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	GLXMA	AMBTR	GLXMA	AMBTR	GLXMA
		RATE	UNIT TM	CON % 07/10/08	CON % 07/17/08	CON % 07/17/08	CON % 07/30/08	CON % 07/30/08	CON % 08/27/08
15A»	RNDUP POWERMAX	1.13	LAA 12	8	4	94	0	85	0
	B FLEXSTAR 1.88	0.147	LAA 12						
	C»SUPERB HC	0.50	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
16A»	RNDUP POWERMAX	1.13	LAA 12	10	4	92	0	89	0
	B FLEXSTAR 1.88	0.147	LAA 12						
	C»DESTINY HC	0.50	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
17A»	RNDUP POWERMAX	1.13	LAA 12	12	10	99	0	98	0
	B FLEXSTAR 1.88	0.294	LAA 12						
	C»LIQUID AMS	5.00	PMV 12						
18A»	RNDUP POWERMAX	1.13	LAA 12	10	10	95	0	94	0
	B FLEXSTAR 1.88	0.294	LAA 12						
	C»PREFERENCE	0.50	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
19A»	RNDUP POWERMAX	1.13	LAA 12	15	7	99	0	97	0
	B FLEXSTAR 1.88	0.294	LAA 12						
	C»PRIME OIL	1.00	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
20A»	RNDUP POWERMAX	1.13	LAA 12	5	4	96	0	88	0
	B FLEXSTAR 1.88	0.294	LAA 12						
	C»SUPERB HC	0.50	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
21A»	RNDUP POWERMAX	1.13	LAA 12	12	10	99	0	96	0
	B FLEXSTAR 1.88	0.294	LAA 12						
	C»DESTINY HC	0.50	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
22A»	WEED FREE	0.00	NA 0	0	0	99	0	99	0
		LSD (0.05)		4.91	4.35	19.79	0.00	12.20	0.00
		STANDARD DEVIATION		2.46	2.18	9.90	0.00	6.10	0.00

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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 CON % 08/27/08	YIELD BU/A 10/22/08
		RATE	UNIT	TM		
1A»	RNDUP POWERMAX	0.75	LAA	12	68	48.3
B»	LIQUID AMS	5.00	PMV	12		
2A»	RNDUP POWERMAX	1.13	LAA	12	60	38.2
B	COBRA 2EC	0.094	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
3A»	RNDUP POWERMAX	1.13	LAA	12	67	39.5
B	COBRA 2EC	0.094	LAA	12		
C»	PREFERENCE	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
4A»	RNDUP POWERMAX	1.13	LAA	12	75	43.8
B	COBRA 2EC	0.094	LAA	12		
C»	PRIME OIL	1.00	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
5A»	RNDUP POWERMAX	1.13	LAA	12	75	45.6
B	COBRA 2EC	0.094	LAA	12		
C»	SUPERB HC	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
6A»	RNDUP POWERMAX	1.13	LAA	12	60	37.6
B	COBRA 2EC	0.094	LAA	12		
C»	DESTINY HC	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
7A»	RNDUP POWERMAX	1.13	LAA	12	70	37.7
B	COBRA 2EC	0.188	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
8A»	RNDUP POWERMAX	1.13	LAA	12	83	44.1
B	COBRA 2EC	0.188	LAA	12		
C»	PREFERENCE	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
9A»	RNDUP POWERMAX	1.13	LAA	12	73	42.6
B	COBRA 2EC	0.188	LAA	12		
C»	PRIME OIL	1.00	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
10A»	RNDUP POWERMAX	1.13	LAA	12	62	29.3
B	COBRA 2EC	0.188	LAA	12		
C»	SUPERB HC	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
11A»	RNDUP POWERMAX	1.13	LAA	12	75	40.9
B	COBRA 2EC	0.188	LAA	12		
C»	DESTINY HC	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
12A»	RNDUP POWERMAX	1.13	LAA	12	75	44.1
B	FLEXSTAR 1.88	0.147	LAA	12		
C»	LIQUID AMS	5.00	PMV	12		
13A»	RNDUP POWERMAX	1.13	LAA	12	75	45.2
B	FLEXSTAR 1.88	0.147	LAA	12		
C»	PREFERENCE	0.50	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		
14A»	RNDUP POWERMAX	1.13	LAA	12	72	48.6
B	FLEXSTAR 1.88	0.147	LAA	12		
C»	PRIME OIL	1.00	PMV	12		
D»	LIQUID AMS	5.00	PMV	12		

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TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 08/27/08	YIELD BU/A 10/22/08
		RATE	UNIT	TM		
15A»	RNDUP POWERMAX	1.13	LAA	12	75	41.8
	B FLEXSTAR 1.88	0.147	LAA	12		
	C»SUPERB HC	0.50	PMV	12		
	D»LIQUID AMS	5.00	PMV	12		
16A»	RNDUP POWERMAX	1.13	LAA	12	82	48.4
	B FLEXSTAR 1.88	0.147	LAA	12		
	C»DESTINY HC	0.50	PMV	12		
	D»LIQUID AMS	5.00	PMV	12		
17A»	RNDUP POWERMAX	1.13	LAA	12	90	46.4
	B FLEXSTAR 1.88	0.294	LAA	12		
	C»LIQUID AMS	5.00	PMV	12		
18A»	RNDUP POWERMAX	1.13	LAA	12	87	47.8
	B FLEXSTAR 1.88	0.294	LAA	12		
	C»PREFERENCE	0.50	PMV	12		
	D»LIQUID AMS	5.00	PMV	12		
19A»	RNDUP POWERMAX	1.13	LAA	12	91	49.1
	B FLEXSTAR 1.88	0.294	LAA	12		
	C»PRIME OIL	1.00	PMV	12		
	D»LIQUID AMS	5.00	PMV	12		
20A»	RNDUP POWERMAX	1.13	LAA	12	82	42.4
	B FLEXSTAR 1.88	0.294	LAA	12		
	C»SUPERB HC	0.50	PMV	12		
	D»LIQUID AMS	5.00	PMV	12		
21A»	RNDUP POWERMAX	1.13	LAA	12	78	36.8
	B FLEXSTAR 1.88	0.294	LAA	12		
	C»DESTINY HC	0.50	PMV	12		
	D»LIQUID AMS	5.00	PMV	12		
22A»	WEED FREE	0.00	NA	0	96	53.5
		LSD (0.05)			26.81	13.91
		STANDARD DEVIATION			13.41	7.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
12 = ----- / POST 07/01/2008(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 %	07/10/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/17/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	07/17/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/30/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBTR	CON %	07/30/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	08/27/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBTR	CON %	08/27/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	YIELD	BU/A	10/22/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 2802