

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/26/08	AME
AIR TEMPERATURE	78	F
% REL.HUMIDITY	61	
WIND DIRECTION	NORTHWEST	
WIND SPEED	1.0	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	20.00	
SCREEN SIZE	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/15	
A 3205RR	6.00/8.00	IN
05/29/2008		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	3.00/5.00	IN
MORNINGGLORY, TA	---/16	
	2.00/4.00	IN
FOXTAIL, GIANT	---/14	
	3.00/6.00	IN
COCKLEBUR, COMMO	---/16	
	4.00/8.00	IN

*** TIMING CODES**

12 = ----- / POST

*** STAGE CODE**

14 = 4 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: ISA Adjuvant effects on post broadleaf combinations. AS-400
CREATED: 05/07/2008 **REVISED:** 11/28/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	PHBPU	AMATA	XANST	SETFA	GLXMA
NUM	COMPONENT	RATE	UNIT TM	14 DAT	14 DAT	14 DAT	14 DAT	14 DAT	28 DAT
				07/11/08	07/11/08	07/11/08	07/11/08	07/11/08	07/25/08
1A»	RNDUP POWERMAX	0.75	LAA 12	0	50	97	99	99	2
B»	LIQUID AMS	5.00	PMV 12						
2A»	RNDUP POWERMAX	1.13	LAA 12	7	60	96	98	99	0
B	COBRA 2EC	0.094	LAA 12						
C»	LIQUID AMS	5.00	PMV 12						
3A»	RNDUP POWERMAX	1.13	LAA 12	8	57	99	99	99	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	8	55	98	99	99	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	8	58	99	99	99	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	10	50	97	99	99	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	8	60	96	99	99	0
B	COBRA 2EC	0.188	LAA 12						
C»	LIQUID AMS	5.00	PMV 12						
8A»	RNDUP POWERMAX	1.13	LAA 12	13	45	98	99	99	2
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	67	97	99	99	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	10	68	99	99	99	1
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	10	68	98	99	99	2
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	7	72	98	99	99	0
B	FLEXSTAR 1.88	0.147	LAA 12						
C»	LIQUID AMS	5.00	PMV 12						
13A»	RNDUP POWERMAX	1.13	LAA 12	8	57	93	99	96	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	60	97	99	99	0
B	FLEXSTAR 1.88	0.147	LAA 12						
C»	PRIME OIL	1.00	PMV 12						
D»	LIQUID AMS	5.00	PMV 12						

[illegible]

TITLE: ISA Adjuvant effects on post broadleaf combinations. AS-400
CREATED: 05/07/2008 **REVISED:** 11/28/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		PHBPU	XANST	AMATA	SETFA	GLXMA	PHBPU
NUM	COMPONENT	RATE	UNIT TM	28 DAT	28 DAT	28 DAT	28 DAT	56 DAT	56 DAT
				07/25/08	07/25/08	07/25/08	07/25/08	08/24/08	08/24/08
1A»	RNDUP POWERMAX	0.75	LAA 12	58	99	90	97	0	63
B»	LIQUID AMS	5.00	PMV 12						
2A»	RNDUP POWERMAX	1.13	LAA 12	60	99	82	88	0	75
B	COBRA 2EC	0.094	LAA 12						
C»	LIQUID AMS	5.00	PMV 12						
3A»	RNDUP POWERMAX	1.13	LAA 12	65	99	94	90	0	73
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	58	87	75	91	0	78
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	60	99	84	81	0	75
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	63	99	85	84	0	75
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	99	78	65	0	78
B	COBRA 2EC	0.188	LAA 12						
C»	LIQUID AMS	5.00	PMV 12						
8A»	RNDUP POWERMAX	1.13	LAA 12	55	99	93	95	0	70
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	67	99	88	72	0	77
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	68	99	92	72	0	77
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	68	98	90	78	0	65
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	65	99	78	86	0	72
B	FLEXSTAR 1.88	0.147	LAA 12						
C»	LIQUID AMS	5.00	PMV 12						
13A»	RNDUP POWERMAX	1.13	LAA 12	60	99	70	82	0	73
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	65	99	91	81	0	70
B	FLEXSTAR 1.88	0.147	LAA 12						
C»	PRIME OIL	1.00	PMV 12						
D»	LIQUID AMS	5.00	PMV 12						

TRT	TREATMENT	DOSAGE	PHBPU	XANST	AMATA	SETFA	GLXMA	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	28 DAT	28 DAT	28 DAT	56 DAT	56 DAT	
					07/25/08	07/25/08	07/25/08	08/24/08	08/24/08	
15A»	RNDUP POWERMAX	1.13	LAA	12	68	98	90	95	0	73
	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	73	99	74	81	0	68
	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	67	99	67	82	0	73
	B FLEXSTAR 1.88	0.294	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
18A»	RNDUP POWERMAX	1.13	LAA	12	65	99	75	75	0	58
	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	63	99	73	83	0	65
	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	73	99	98	91	0	78
	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	73	98	85	95	0	70
	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	99	99	99	0	99
LSD (0.05)								0.00		
STANDARD DEVIATION								0.00		

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		XANST	AMATA	SETFA	YIELD
NUM	COMPONENT	RATE	UNIT TM	56 DAT	56 DAT	56 DAT	BU/A
				08/24/08	08/24/08	08/24/08	10/23/08
1A»	RNDUP POWERMAX	0.75	LAA 12	99	77	75	22.7
B»	LIQUID AMS	5.00	PMV 12				
2A»	RNDUP POWERMAX	1.13	LAA 12	99	85	81	43.3
B	COBRA 2EC	0.094	LAA 12				
C»	LIQUID AMS	5.00	PMV 12				
3A»	RNDUP POWERMAX	1.13	LAA 12	73	85	75	28.5
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	93	75	73	30.1
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	90	85	75	27.6
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	95	75	63	25.2
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	90	90	78	33.0
B	COBRA 2EC	0.188	LAA 12				
C»	LIQUID AMS	5.00	PMV 12				
8A»	RNDUP POWERMAX	1.13	LAA 12	95	74	85	19.3
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	82	88	68	40.7
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	95	87	70	35.7
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	73	75	63	25.7
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	99	80	88	41.5
B	FLEXSTAR 1.88	0.147	LAA 12				
C»	LIQUID AMS	5.00	PMV 12				
13A»	RNDUP POWERMAX	1.13	LAA 12	96	83	78	32.6
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	90	83	73	25.9
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. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	XANST 56 DAT 08/24/08	AMATA 56 DAT 08/24/08	SETFA 56 DAT 08/24/08	YIELD BU/A 10/23/08
15A»	RNDUP POWERMAX	1.13	LAA	12	99	68	87	26.7
	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	95	68	75	30.4
	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	96	76	75	36.9
	B FLEXSTAR 1.88	0.294	LAA	12				
	C»LIQUID AMS	5.00	PMV	12				
18A»	RNDUP POWERMAX	1.13	LAA	12	99	73	78	28.1
	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	95	73	85	28.6
	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	95	83	87	30.0
	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	99	87	87	23.3
	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	99	99	99	44.9
LSD (0.05)								18.07
STANDARD DEVIATION								9.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/26/2008(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	14 DAT	07/11/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PHBPU	14 DAT	07/11/2008	02	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	14 DAT	07/11/2008	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	14 DAT	07/11/2008	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	14 DAT	07/11/2008	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	28 DAT	07/25/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	28 DAT	07/25/2008	02	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST	28 DAT	07/25/2008	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	28 DAT	07/25/2008	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	28 DAT	07/25/2008	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	56 DAT	08/24/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	56 DAT	08/24/2008	02	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	56 DAT	08/24/2008	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	56 DAT	08/24/2008	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	56 DAT	08/24/2008	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	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 = A 3205RR