

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH:
%OM: 0.0
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 90
PLOT WIDTH: 10 X 30 FEET
PLOT AREA: 300 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	05	
TYPE	LIQMIX	
APPLICATION DATE	05/20/09	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	21	
WIND DIRECTION	NORTHWEST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	MOIST/WET	
SOIL CONDITION	COMPACT	
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	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
FOXTAIL, CAROLIN	---/65 7.87/7.87	IN
WATERHEMP, COMMO	---/00 /	IN
RAGWEED, COMMON	---/00 /	IN
SHEPHERDSPURSE	---/65 7.87/7.87	IN
DAISY, OXEYE	---/65 23.6/23.6	IN
CRABGRASS, LARGE	---/00 /	IN
HORSEWEED / MARE	---/40 7.87/7.87	IN
MORNINGGLORY	---/00 /	IN
PANICUM, FALL	---/00 /	IN
GROUNDSEL, CRESS	---/65 31.5/31.5	IN
FOXTAIL, GIANT	---/00 /	IN

*** CONTINUE

	DN/SG/MMZ	
*** PEST *** SIDA, PRICKLY, T	---/00 /	IN
DANDELION	---/65 13.0/13.0	IN
COCKLEBUR, COMMO	---/00 /	IN

* TIMING CODES

05 = ----- / EPP 15 DBP

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

00 = DRY SEED; DORMANCY

40 = HARVESTABLE/ PROPAGATIVE VEGETATIVE PART DEVELOPMENT; BOOTING

65 = FULL FLOWERING; 50% OF FLOWERS OPEN, FIRST PETALS CAN FALL OR DRY

65 = FULL FLOWERING: 50% OF ANTERS MATURE

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. E5
CREATED: 05/05/2009 **REVISED:** 12/04/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ERICA	DIGSA	SETFA	AMATA	TARSS	AMBEL
		RATE	UNIT	TM	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09
1A»	RNDUP POWERMAX	0.77	LAA	5	78	89	89	97	96	99
B»	LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	93	99	90	99	94	99
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
3A»	RNDUP POWERMAX	0.77	LAA	5	73	96	95	99	99	94
B VALOR 51WG		0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	99	94	85	99	99	99
B»	SHARPEN 2.85L	0.022	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	90	98	96	99	99	97
B»	CANOPY EX 29.5	0.0203	LAA	0						
C CLASSIC 25WG		0.0156	LAA	5						
D EXPRESS 75WG		0.0047	LAA	5						
E»	LIQUID AMS	5.00	PMV	5						
6A»	RNDUP POWERMAX	0.77	LAA	5	93	93	95	99	98	99
B»	AUTHOR. FIRST	0.14	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	68	99	97	99	99	99
B»	PREFIX 5.32SL	1.33	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	85	83	81	99	98	99
B»	LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	93	91	84	99	98	99
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
10A»	IGNITE 2.33SL	0.53	LAA	5	86	91	78	99	99	99
B VALOR 51WG		0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
11A»	IGNITE 2.33SL	0.53	LAA	5	96	99	78	99	98	99
B»	SHARPEN 2.85L	0.022	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	99	98	93	99	99	99
B»	CANOPY EX 29.5	0.0203	LAA	0						
C CLASSIC 25WG		0.0156	LAA	5						
D EXPRESS 75WG		0.0047	LAA	5						
E»	LIQUID AMS	5.00	PMV	5						
13A»	IGNITE 2.33SL	0.53	LAA	5	82	96	81	99	91	83
B»	AUTHOR. FIRST	0.14	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	98	94	92	99	96	99
B»	PREFIX 5.32SL	1.33	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	82	91	77	99	95	99
B»	COC	1.00	PMV	5						
C»	LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	94	96	78	99	93	99
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	COC	1.00	PMV	5						
D»	LIQUID AMS	5.00	PMV	5						

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. E5

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	DIGSA	SETFA	AMATA	TARSS	AMBEL
		RATE	UNIT		14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09
17A»	GRAMOX INTEON	0.63	LAA	5	86	94	83	99	86	93
	B VALOR 51WG	0.064	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
18A»	GRAMOX INTEON	0.63	LAA	5	99	98	83	99	90	99
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
19A»	GRAMOX INTEON	0.63	LAA	5	90	90	83	99	97	99
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D EXPRESS 75WG	0.0047	LAA	5						
	E»COC	1.00	PMV	5						
	F»LIQUID AMS	5.00	PMV	5						
20A»	GRAMOX INTEON	0.63	LAA	5	88	87	80	99	98	99
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
21A»	GRAMOX INTEON	0.63	LAA	5	89	87	88	99	88	99
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
		LSD (0.05)			13.18	14.37	14.00	1.33	10.22	11.25
		STANDARD DEVIATION			6.52	7.11	7.00	0.658	5.06	5.57

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. E5
CREATED: 05/05/2009 **REVISED:** 12/04/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	SIDSP	IPOSS	GLXMA	SETFA	PANDI
		RATE	UNIT		14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAP 06/23/09	14 DAP 06/23/09	14 DAP 06/23/09
1A»	RNDUP POWERMAX	0.77	LAA	5	97	99	98	0	70	67
B»	LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	0	78	78
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
3A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	0	87	81
B VALOR 51WG		0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	0	63	63
B»	SHARPEN 2.85L	0.022	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	97	99	98	0	92	92
B»	CANOPY EX 29.5	0.0203	LAA	0						
C	CLASSIC 25WG	0.0156	LAA	5						
D	EXPRESS 75WG	0.0047	LAA	5						
E»	LIQUID AMS	5.00	PMV	5						
6A»	RNDUP POWERMAX	0.77	LAA	5	99	99	98	0	93	93
B»	AUTHOR. FIRST	0.14	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	0	85	83
B»	PREFIX 5.32SL	1.33	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	98	96	99	0	53	53
B»	LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	99	99	97	0	58	58
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
10A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	0	68	67
B VALOR 51WG		0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
11A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	0	52	52
B»	SHARPEN 2.85L	0.022	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	98	99	98	0	88	86
B»	CANOPY EX 29.5	0.0203	LAA	0						
C	CLASSIC 25WG	0.0156	LAA	5						
D	EXPRESS 75WG	0.0047	LAA	5						
E»	LIQUID AMS	5.00	PMV	5						
13A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	0	68	69
B»	AUTHOR. FIRST	0.14	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	97	99	99	0	80	77
B»	PREFIX 5.32SL	1.33	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	99	99	96	0	48	48
B»	COC	1.00	PMV	5						
C»	LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	99	98	98	0	69	69
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	COC	1.00	PMV	5						
D»	LIQUID AMS	5.00	PMV	5						

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. E5

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	SIDSP	IPOSS	GLXMA	SETFA	PANDI
		RATE	UNIT		14 DAT 06/04/09	14 DAT 06/04/09	14 DAT 06/04/09	14 DAP 06/23/09	14 DAP 06/23/09	14 DAP 06/23/09
17A	GRAMOX INTEON	0.63	LAA	5	99	99	99	0	84	80
	B VALOR 51WG	0.064	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
18A	GRAMOX INTEON	0.63	LAA	5	96	99	99	0	68	68
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
19A	GRAMOX INTEON	0.63	LAA	5	99	99	97	0	84	84
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D EXPRESS 75WG	0.0047	LAA	5						
	E»COC	1.00	PMV	5						
	F»LIQUID AMS	5.00	PMV	5						
20A	GRAMOX INTEON	0.63	LAA	5	99	99	99	0	68	70
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
21A	GRAMOX INTEON	0.63	LAA	5	96	99	98	0	83	78
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
		LSD (0.05)			3.14	2.00	2.89	0.00	19.51	20.00
		STANDARD DEVIATION			1.55	1.00	1.43	0.00	9.66	9.88

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. E5
CREATED: 05/05/2009 **REVISED:** 12/04/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	AMBEL	AMATA	XANST	YIELD
		RATE	UNIT		14 DAP 06/23/09	14 DAP 06/23/09	14 DAP 06/23/09	14 DAP 06/23/09	BU/A 10/20/09
1A»	RNDUP POWERMAX	0.77	LAA	5	84	99	92	96	28.7
B»	LIQUID AMS	5.00	PMV	5					
2A»	RNDUP POWERMAX	0.77	LAA	5	89	99	93	98	33.1
B (G)2,4-D-ESTER		0.50	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
3A»	RNDUP POWERMAX	0.77	LAA	5	73	96	99	93	33.0
B VALOR 51WG		0.064	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
4A»	RNDUP POWERMAX	0.77	LAA	5	94	99	91	99	37.9
B»	SHARPEN 2.85L	0.022	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
5A»	RNDUP POWERMAX	0.77	LAA	5	93	99	87	99	34.2
B»	CANOPY EX 29.5	0.0203	LAA	0					
C CLASSIC 25WG		0.0156	LAA	5					
D EXPRESS 75WG		0.0047	LAA	5					
E»	LIQUID AMS	5.00	PMV	5					
6A»	RNDUP POWERMAX	0.77	LAA	5	99	99	98	99	35.0
B»	AUTHOR. FIRST	0.14	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
7A»	RNDUP POWERMAX	0.77	LAA	5	75	99	96	99	36.9
B»	PREFIX 5.32SL	1.33	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
8A»	IGNITE 2.33SL	0.53	LAA	5	81	98	76	99	26.9
B»	LIQUID AMS	5.00	PMV	5					
9A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	99	40.4
B (G)2,4-D-ESTER		0.50	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
10A»	IGNITE 2.33SL	0.53	LAA	5	78	99	98	99	34.9
B VALOR 51WG		0.064	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
11A»	IGNITE 2.33SL	0.53	LAA	5	98	99	92	98	34.7
B»	SHARPEN 2.85L	0.022	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
12A»	IGNITE 2.33SL	0.53	LAA	5	99	99	82	93	39.0
B»	CANOPY EX 29.5	0.0203	LAA	0					
C CLASSIC 25WG		0.0156	LAA	5					
D EXPRESS 75WG		0.0047	LAA	5					
E»	LIQUID AMS	5.00	PMV	5					
13A»	IGNITE 2.33SL	0.53	LAA	5	80	80	86	80	37.1
B»	AUTHOR. FIRST	0.14	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
14A»	IGNITE 2.33SL	0.53	LAA	5	95	96	99	93	40.9
B»	PREFIX 5.32SL	1.33	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
15A»	GRAMOX INTEON	0.63	LAA	5	99	96	96	99	26.6
B»	COC	1.00	PMV	5					
C»	LIQUID AMS	5.00	PMV	5					
16A»	GRAMOX INTEON	0.63	LAA	5	88	99	99	99	37.6
B (G)2,4-D-ESTER		0.50	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	5.00	PMV	5					

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. E5

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA 14 DAP 06/23/09	AMBEL 14 DAP 06/23/09	AMATA 14 DAP 06/23/09	XANST 14 DAP 06/23/09	YIELD BU/A 10/20/09
		RATE	UNIT						
17A	GRAMOX INTEON	0.63	LAA	5	88	98	99	98	39.5
	B VALOR 51WG	0.064	LAA	5					
	C>COC	1.00	PMV	5					
	D>LIQUID AMS	5.00	PMV	5					
18A	GRAMOX INTEON	0.63	LAA	5	99	99	98	99	37.4
	B>SHARPEN 2.85L	0.022	LAA	5					
	C>COC	1.00	PMV	5					
	D>LIQUID AMS	5.00	PMV	5					
19A	GRAMOX INTEON	0.63	LAA	5	94	99	93	98	37.9
	B>CANOPY EX 29.5	0.0203	LAA	0					
	C CLASSIC 25WG	0.0156	LAA	5					
	D EXPRESS 75WG	0.0047	LAA	5					
	E>COC	1.00	PMV	5					
	F>LIQUID AMS	5.00	PMV	5					
20A	GRAMOX INTEON	0.63	LAA	5	93	99	96	99	34.5
	B>AUTHOR. FIRST	0.14	LAA	5					
	C>COC	1.00	PMV	5					
	D>LIQUID AMS	5.00	PMV	5					
21A	GRAMOX INTEON	0.63	LAA	5	89	99	99	88	32.7
	B>PREFIX 5.32SL	1.33	LAA	5					
	C>COC	1.00	PMV	5					
	D>LIQUID AMS	5.00	PMV	5					
	LSLSD (0.05)				15.93	10.00	14.86	12.09	11.46
	STANDARD DEVIATION				7.88	4.93	7.35	6.00	5.67

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
05 = ----- / EPP 15 DBP 05/20/2009(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ERICA	14 DAT	06/04/2009	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	DIGSA	14 DAT	06/04/2009	07	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	14 DAT	06/04/2009	08	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	14 DAT	06/04/2009	09	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	TARSS	14 DAT	06/04/2009	01	P	TARSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	14 DAT	06/04/2009	11	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	14 DAT	06/04/2009	12	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SIDSP	14 DAT	06/04/2009	13	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	IPOSS	14 DAT	06/04/2009	14	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	14 DAP	06/23/2009	15	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	14 DAP	06/23/2009	08	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PANDI	14 DAP	06/23/2009	10	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ERICA	14 DAP	06/23/2009	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	14 DAP	06/23/2009	11	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	14 DAP	06/23/2009	09	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	XANST	14 DAP	06/23/2009	12	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	YIELD	BU/A	10/20/2009	15	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

15 = ASGROW 4404 RR