

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/20/09	06/19/09	AME
AIR TEMPERATURE	77	84	F
% REL.HUMIDITY	41	68	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	9.0	5.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
SOYBEAN		---/14	
A 3402RR		5.00/6.00	IN
05/29/2009			
*** PEST ***			
VELVETLEAF	---/00	---/14	
	/	2.00/4.00	IN
LAMBSQUARTERS, C	---/19	---/19	
	2.00/6.00	1.00/4.00	IN
HORSEWEED / MARE	---/19	---/19	
	2.00/12.0	2.00/8.00	IN
HENBIT	---/19	---/00	
	2.00/6.00	0.00/0.00	IN
MORNINGGLORY, TA	---/00	---/15	
	/	1.00/3.00	IN
FOXTAIL, GIANT	---/12	---/15	
	1.00/3.00	2.00/6.00	IN
CHICKWEED, COMMO	---/19	---/00	
	1.00/4.00	0.00/0.00	IN
DANDELION, COMMO	---/19	---/19	
	2.00/6.00	2.00/6.00	IN

* TIMING CODES

05 = ----- / EPP 15 DBP
 12 = ----- / POST

* STAGE CODE

00 = DRY SEED; DORMANCY

* STAGE CODE

12	= 2 LEAVES UNFOLDED
14	= 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
14	= 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15	= 5 LEAVES UNFOLDED
15	= 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19	= >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-100
CREATED: 04/24/2009 **REVISED:** 11/16/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	ERICA	TAROF	CHEAL	SETFA
		RATE	UNIT		CON % 05/30/09	CON % 05/30/09	CON % 05/30/09	CON % 05/30/09	CON % 05/30/09	CON % 05/30/09
1A»	RNDUP POWERMAX	0.77	LAA	5	92	84	92	82	90	90
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	99	98	99	91	99	92
	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	94	99	97
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	99	98	97	95	99	99
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	96	99	98
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
6A»	RNDUP POWERMAX	0.77	LAA	5	99	99	98	96	99	99
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	99	96	97	93	96	98
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	99	97	99	93	95	93
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	99	94	98	96	99	95
	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	98	93	99	98
	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	96	98	98
	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	98	97	98	98
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
13A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	98	99	99
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	99	95	99	92	90	96
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	99	88	63	60	73	86
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	99	95	84	82	92	92
	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. N-100

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	TAROF	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/30/09	05/30/09	05/30/09	05/30/09	05/30/09	05/30/09
17A»	GRAMOX INTEON	0.63	LAA 5	99	99	91	86	97	96
	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	97	92	86	98	96
	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	97	88	83	90	90
	B»CANOPY EX 29.5	0.0203	LAA 0						
	C CLASSIC 25WG	0.0156	LAA 5						
	D»EXPRESS 50SG	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	96	91	87	97	90
	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	99	92	81	73	84	92
	B»PREFIX 5.32SL	1.33	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
LSD (0.05)				2.08	4.84	6.32	6.58	6.79	5.29
STANDARD DEVIATION				1.00	2.40	3.13	3.25	3.36	2.62

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-100
CREATED: 04/24/2009 **REVISED:** 11/16/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	ERICA	TAROF	CHEAL	SETFA
		RATE	UNIT		CON % 06/19/09	CON % 06/19/09	CON % 06/19/09	CON % 06/19/09	CON % 06/19/09	CON % 06/19/09
1A»	RNDUP POWERMAX	0.77	LAA	5	99	80	78	77	52	20
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	99	99	89	88	70	33
	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	97	78	93	62
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	99	98	93	88	87	47
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	99	99	96	88	92	57
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
6A»	RNDUP POWERMAX	0.77	LAA	5	99	94	97	91	88	63
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	99	85	91	83	93	78
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	99	82	72	78	42	27
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	99	83	83	85	47	30
	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	91	85	96	70
	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	88	88	50
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	99	95	93	85	80	48
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
13A»	IGNITE 2.33SL	0.53	LAA	5	99	98	99	91	90	65
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	99	91	93	81	73	68
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	99	70	50	43	33	20
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	99	95	87	74	40	30
	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. N-100

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	TAROF	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/19/09	06/19/09	06/19/09	06/19/09	06/19/09	06/19/09
17A»	GRAMOX INTEON	0.63	LAA 5	99	93	83	65	78	47
	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	93	75	83	57
	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	70	73	88	42
	B»CANOPY EX 29.5	0.0203	LAA 0						
	C CLASSIC 25WG	0.0156	LAA 5						
	D»EXPRESS 50SG	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	91	75	75	68	42
	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	99	60	52	50	53	57
	B»PREFIX 5.32SL	1.33	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
		LSD (0.05)		0.00	13.95	11.89	11.43	14.23	17.00
		STANDARD DEVIATION		0.00	6.90	5.88	5.65	7.00	8.39

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CREATED: 04/24/2009 **REVISED:** 11/16/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	ABUTH	PHBPU	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/19/09	06/19/09	07/07/09	07/07/09
1A»	RNDUP POWERMAX	0.77	LAA	5	23	0	0	99
B»	LIQUID AMS	5.00	PMV	5				99
2A»	RNDUP POWERMAX	0.77	LAA	5	30	0	0	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	57	48	0	99
B VALOR 51WG		0.064	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				98
4A»	RNDUP POWERMAX	0.77	LAA	5	57	70	0	99
B»SHARPEN 2.85L		0.022	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
5A»	RNDUP POWERMAX	0.77	LAA	5	63	47	0	99
B»CANOPY EX 29.5		0.0203	LAA	0				99
C CLASSIC 25WG		0.0156	LAA	5				
D»EXPRESS 50SG		0.0047	LAA	5				
E»	LIQUID AMS	5.00	PMV	5				98
6A»	RNDUP POWERMAX	0.77	LAA	5	81	72	0	99
B»AUTHOR. FIRST		0.14	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
7A»	RNDUP POWERMAX	0.77	LAA	5	53	30	0	99
B»PREFIX 5.32SL		1.33	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
8A»	IGNITE 2.33SL	0.53	LAA	5	23	0	0	99
B»	LIQUID AMS	5.00	PMV	5				99
9A»	IGNITE 2.33SL	0.53	LAA	5	20	0	0	99
B (G)2,4-D-ESTER		0.50	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
10A»	IGNITE 2.33SL	0.53	LAA	5	62	57	0	99
B VALOR 51WG		0.064	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
11A»	IGNITE 2.33SL	0.53	LAA	5	65	72	0	99
B»SHARPEN 2.85L		0.022	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
12A»	IGNITE 2.33SL	0.53	LAA	5	53	50	0	99
B»CANOPY EX 29.5		0.0203	LAA	0				99
C CLASSIC 25WG		0.0156	LAA	5				
D»EXPRESS 50SG		0.0047	LAA	5				
E»	LIQUID AMS	5.00	PMV	5				
13A»	IGNITE 2.33SL	0.53	LAA	5	73	67	0	99
B»AUTHOR. FIRST		0.14	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
14A»	IGNITE 2.33SL	0.53	LAA	5	40	27	0	99
B»PREFIX 5.32SL		1.33	LAA	5				99
C»	LIQUID AMS	5.00	PMV	5				
15A»	GRAMOX INTEON	0.63	LAA	5	20	0	0	99
B»COC		1.00	PMV	5				97
C»	LIQUID AMS	5.00	PMV	5				83
16A»	GRAMOX INTEON	0.63	LAA	5	20	0	0	99
B (G)2,4-D-ESTER		0.50	LAA	5				99
C»COC		1.00	PMV	5				
D»	LIQUID AMS	5.00	PMV	5				98

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-100

TRT	TREATMENT	DOSAGE		ABUTH	PHBPU	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/19/09	06/19/09	07/07/09	07/07/09	07/07/09	07/07/09
17A»	GRAMOX INTEON	0.63	LAA 5	45	40	0	99	99	99
	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	57	73	0	99	99	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	40	23	0	99	99	96
	B»CANOPY EX 29.5	0.0203	LAA 0						
	C CLASSIC 25WG	0.0156	LAA 5						
	D»EXPRESS 50SG	0.0047	LAA 5						
	E»COC	1.00	PMV 5						
	F»LIQUID AMS	5.00	PMV 5						
20A»	GRAMOX INTEON	0.63	LAA 5	57	50	0	99	99	98
	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	47	23	0	99	99	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)				13.45	11.71	0.00	0.00	0.72	3.15
STANDARD DEVIATION				6.66	5.79	0.00	0.00	0.356	1.56

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	CHEAL	SETFA	ABUTH	PHBPU	GLXMA
		RATE	UNIT		CON % 07/07/09	CON % 07/07/09	CON % 07/07/09	CON % 07/07/09	CON % 07/07/09	CON % 07/21/09
1A»	RNDUP POWERMAX	0.77	LAA	5	81	99	87	91	77	0
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	91	99	89	92	84	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
3A»	RNDUP POWERMAX	0.77	LAA	5	90	99	91	91	83	0
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	93	99	82	93	91	0
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	88	99	84	94	87	0
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
6A»	RNDUP POWERMAX	0.77	LAA	5	92	99	94	97	89	0
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	93	99	93	95	87	0
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	84	99	80	84	78	0
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	93	99	86	87	88	0
	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	94	99	88	95	90	0
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
11A»	IGNITE 2.33SL	0.53	LAA	5	96	99	93	98	93	0
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	95	99	89	97	95	0
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
13A»	IGNITE 2.33SL	0.53	LAA	5	95	99	92	97	95	0
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	92	99	95	93	84	0
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	72	99	82	84	72	0
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	90	99	86	87	83	0
	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. N-100

TRT	TREATMENT	DOSAGE		TAROF	CHEAL	SETFA	ABUTH	PHBPU	GLXMA	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					07/07/09	07/07/09	07/07/09	07/07/09	07/21/09	
17A»	GRAMOX INTEON	0.63	LAA	5	89	99	87	93	93	0
	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	91	99	87	93	95	0
	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	92	99	89	86	89	0
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»COC	1.00	PMV	5						
	F»LIQUID AMS	5.00	PMV	5						
20A»	GRAMOX INTEON	0.63	LAA	5	90	99	89	85	91	0
	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	84	99	85	84	78	0
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
LSD (0.05)					4.75	0.00	7.16	4.29	7.33	0.00
STANDARD DEVIATION					2.35	0.00	3.54	2.12	3.63	0.00

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-100
CREATED: 04/24/2009 **REVISED:** 11/16/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	ERICA	TAROF	CHEAL	SETFA
		RATE	UNIT		CON % 07/21/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09
1A»	RNDUP POWERMAX	0.77	LAA	5	99	99	91	83	99	81
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	99	99	95	94	99	83
	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	98	96	99	91
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	91	99	84
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	99	99	91	89	99	85
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
6A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	95	99	91
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	92	99	90
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	99	99	91	85	99	82
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	99	99	97	94	99	85
	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	94	89	99	86
	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	93	99	89
	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	91	88	99	84
	B»CANOPY EX 29.5	0.0203	LAA	0						
	C CLASSIC 25WG	0.0156	LAA	5						
	D»EXPRESS 50SG	0.0047	LAA	5						
	E»LIQUID AMS	5.00	PMV	5						
13A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	92	99	91
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	91	99	96
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	99	99	87	75	98	75
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	99	99	96	88	96	83
	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. N-100

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	TAROF	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/21/09	07/21/09	07/21/09	07/21/09	07/21/09	07/21/09
17A»	GRAMOX INTEON	0.63	LAA 5	99	99	99	88	99	85
	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	96	90	99	85
	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	88	99	84
	B»CANOPY EX 29.5	0.0203	LAA 0						
	C CLASSIC 25WG	0.0156	LAA 5						
	D»EXPRESS 50SG	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	96	89	99	87
	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	99	99	99	88	99	88
	B»PREFIX 5.32SL	1.33	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
LSD (0.05)				0.00	0.00	5.51	4.48	1.90	6.81
STANDARD DEVIATION				0.00	0.00	2.73	2.22	0.938	3.37

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-100
CREATED: 04/24/2009 **REVISED:** 11/16/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	ABUTH	PHBPU	YIELD
NUM	COMPONENT	RATE	CON %	CON %	BU/A
		UNIT	TM	07/21/09	11/08/09
1A»	RNDUP POWERMAX	0.77	LAA	5	84
B»	LIQUID AMS	5.00	PMV	5	72
2A»	RNDUP POWERMAX	0.77	LAA	5	85
B	(G)2,4-D-ESTER	0.50	LAA	5	73
C»	LIQUID AMS	5.00	PMV	5	69.5
3A»	RNDUP POWERMAX	0.77	LAA	5	92
B	VALOR 51WG	0.064	LAA	5	79
C»	LIQUID AMS	5.00	PMV	5	63.4
4A»	RNDUP POWERMAX	0.77	LAA	5	87
B»	SHARPEN 2.85L	0.022	LAA	5	87
C»	LIQUID AMS	5.00	PMV	5	66.9
5A»	RNDUP POWERMAX	0.77	LAA	5	88
B»	CANOPY EX 29.5	0.0203	LAA	0	84
C	CLASSIC 25WG	0.0156	LAA	5	74.2
D»	EXPRESS 50SG	0.0047	LAA	5	
E»	LIQUID AMS	5.00	PMV	5	
6A»	RNDUP POWERMAX	0.77	LAA	5	92
B»	AUTHOR. FIRST	0.14	LAA	5	86
C»	LIQUID AMS	5.00	PMV	5	70.2
7A»	RNDUP POWERMAX	0.77	LAA	5	91
B»	PREFIX 5.32SL	1.33	LAA	5	86
C»	LIQUID AMS	5.00	PMV	5	68.2
8A»	IGNITE 2.33SL	0.53	LAA	5	82
B»	LIQUID AMS	5.00	PMV	5	73
9A»	IGNITE 2.33SL	0.53	LAA	5	84
B	(G)2,4-D-ESTER	0.50	LAA	5	80
C»	LIQUID AMS	5.00	PMV	5	66.8
10A»	IGNITE 2.33SL	0.53	LAA	5	88
B	VALOR 51WG	0.064	LAA	5	85
C»	LIQUID AMS	5.00	PMV	5	65.3
11A»	IGNITE 2.33SL	0.53	LAA	5	88
B»	SHARPEN 2.85L	0.022	LAA	5	92
C»	LIQUID AMS	5.00	PMV	5	68.4
12A»	IGNITE 2.33SL	0.53	LAA	5	86
B»	CANOPY EX 29.5	0.0203	LAA	0	89
C	CLASSIC 25WG	0.0156	LAA	5	68.9
D»	EXPRESS 50SG	0.0047	LAA	5	
E»	LIQUID AMS	5.00	PMV	5	
13A»	IGNITE 2.33SL	0.53	LAA	5	91
B»	AUTHOR. FIRST	0.14	LAA	5	90
C»	LIQUID AMS	5.00	PMV	5	68.8
14A»	IGNITE 2.33SL	0.53	LAA	5	91
B»	PREFIX 5.32SL	1.33	LAA	5	86
C»	LIQUID AMS	5.00	PMV	5	68.7
15A»	GRAMOX INTEON	0.63	LAA	5	78
B»	COC	1.00	PMV	5	65
C»	LIQUID AMS	5.00	PMV	5	64.1
16A»	GRAMOX INTEON	0.63	LAA	5	81
B	(G)2,4-D-ESTER	0.50	LAA	5	73
C»	COC	1.00	PMV	5	69.3
D»	LIQUID AMS	5.00	PMV	5	

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-100

TRT	TREATMENT	DOSAGE		ABUTH	PHBPU	YIELD	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	BU/A
					07/21/09	07/21/09	11/08/09
17A»	GRAMOX INTEON	0.63	LAA	5	88	83	69.9
	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	88	88	71.1
	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	88	83	71.5
	B»CANOPY EX 29.5	0.0203	LAA	0			
	C CLASSIC 25WG	0.0156	LAA	5			
	D»EXPRESS 50SG	0.0047	LAA	5			
	E»COC	1.00	PMV	5			
	F»LIQUID AMS	5.00	PMV	5			
20A»	GRAMOX INTEON	0.63	LAA	5	87	85	71.9
	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	92	86	71.9
	B»PREFIX 5.32SL	1.33	LAA	5			
	C»COC	1.00	PMV	5			
	D»LIQUID AMS	5.00	PMV	5			
LSD (0.05)					5.65	6.36	6.19
STANDARD DEVIATION					2.79	3.15	3.06

» = 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	CTRT	SS	NOTE
001	STEME	CON %	05/30/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/30/2009	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/30/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF	CON %	05/30/2009	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/30/2009	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/30/2009	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	06/19/2009	02	P	STEME	00	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	06/19/2009	03	P	LAMAM	00	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ERICA	CON %	06/19/2009	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	TAROF	CON %	06/19/2009	05	P	TAROF	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/19/2009	06	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/19/2009	07	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/19/2009	08	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/19/2009	09	P	PHBPU	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/07/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	STEME	CON %	07/07/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	LAMAM	CON %	07/07/2009	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ERICA	CON %	07/07/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	TAROF	CON %	07/07/2009	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	07/07/2009	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	CON %	07/07/2009	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	07/07/2009	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	07/07/2009	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	GLXMA	CON %	07/21/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	STEME	CON %	07/21/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	LAMAM	CON %	07/21/2009	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	ERICA	CON %	07/21/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	TAROF	CON %	07/21/2009	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	CHEAL	CON %	07/21/2009	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	SETFA	CON %	07/21/2009	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	ABUTH	CON %	07/21/2009	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	PHBPU	CON %	07/21/2009	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	YIELD	BU/A	11/08/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3402RR

*** STAGE CODE**

00 = DRY SEED; DORMANCY
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED