

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
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	05/04/10	06/14/10	AME
AIR TEMPERATURE	74	78	F
% REL.HUMIDITY	32	75	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	10.0	2.0	M/H
CLOUD COVER	CLEAR	CLOUDY	
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		6.00/6.00	IN
05/24/2010			
*** PEST ***			
RAGWEED, COMMON	---/12 1.00/3.00	---/18 4.00/8.00	IN
LAMBSQUARTERS, C	---/19 1.00/4.00	---/19 2.00/8.00	IN
HORSEWEED / MARE	---/19 1.00/3.00	---/19 2.00/8.00	IN
HENBIT	---/19 2.00/4.00	---/19 4.00/6.00	IN
MORNINGGLORY, TA	---/11 1.00/1.00	---/18 2.00/6.00	IN
SMARTWEED, PENNS	---/19 2.00/4.00	---/19 4.00/6.00	IN
FOXTAIL, GIANT	---/12 1.00/3.00	---/16 2.00/12.0	IN
CHICKWEED, COMMO	---/19 1.00/3.00	---/19 2.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED

* STAGE CODE

12	= 2 LEAVES UNFOLDED
12	= 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14	= 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
16	= 6 LEAVES UNFOLDED
18	= 8TH 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-200
CREATED: 04/28/2010 **REVISED:** 10/19/2010 **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	STEME	LAMAM	ERICA	SETFA	CHEAL	POLPY
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					05/19/10	05/19/10	05/19/10	05/19/10
1A»	RNDUP POWERMAX	0.77	LAA	5	82	72	81	80
B»	LIQUID AMS	5.00	PMV	5				70
2A»	RNDUP POWERMAX	0.77	LAA	5	97	85	90	79
B (G) 2,4-D-ESTER		0.50	LAA	5				88
C»	LIQUID AMS	5.00	PMV	5				80
3A»	RNDUP POWERMAX	0.77	LAA	5	91	84	89	88
B VALOR 51WG		0.064	LAA	5				92
C»	LIQUID AMS	5.00	PMV	5				87
4A»	RNDUP POWERMAX	0.77	LAA	5	97	86	96	85
B»	SHARPEN 2.85L	0.022	LAA	5				88
C»	LIQUID AMS	5.00	PMV	5				85
5A»	RNDUP POWERMAX	0.77	LAA	5	94	86	90	84
B»	CANOPY EX 29.5	0.0203	LAA	0				89
C	CLASSIC 25WG	0.0156	LAA	5				85
D»	EXPRESS 50SG	0.0047	LAA	5				
E»	LIQUID AMS	5.00	PMV	5				
6A»	RNDUP POWERMAX	0.77	LAA	5	94	88	89	91
B»	AUTHOR. FIRST	0.14	LAA	5				93
C»	LIQUID AMS	5.00	PMV	5				87
7A»	RNDUP POWERMAX	0.77	LAA	5	92	84	87	91
B»	PREFIX 5.32SL	1.33	LAA	5				86
C»	LIQUID AMS	5.00	PMV	5				83
8A»	IGNITE 2.33SL	0.53	LAA	5	96	68	84	75
B»	LIQUID AMS	5.00	PMV	5				78
9A»	IGNITE 2.33SL	0.53	LAA	5	99	90	98	83
B (G) 2,4-D-ESTER		0.50	LAA	5				91
C»	LIQUID AMS	5.00	PMV	5				88
10A»	IGNITE 2.33SL	0.53	LAA	5	99	96	98	90
B VALOR 51WG		0.064	LAA	5				92
C»	LIQUID AMS	5.00	PMV	5				89
11A»	IGNITE 2.33SL	0.53	LAA	5	96	90	97	79
B»	SHARPEN 2.85L	0.022	LAA	5				90
C»	LIQUID AMS	5.00	PMV	5				89
12A»	IGNITE 2.33SL	0.53	LAA	5	99	91	93	85
B»	CANOPY EX 29.5	0.0203	LAA	0				91
C	CLASSIC 25WG	0.0156	LAA	5				89
D»	EXPRESS 50SG	0.0047	LAA	5				
E»	LIQUID AMS	5.00	PMV	5				
13A»	IGNITE 2.33SL	0.53	LAA	5	99	95	94	88
B»	AUTHOR. FIRST	0.14	LAA	5				92
C»	LIQUID AMS	5.00	PMV	5				89
14A»	IGNITE 2.33SL	0.53	LAA	5	99	91	88	93
B»	PREFIX 5.32SL	1.33	LAA	5				91
C»	LIQUID AMS	5.00	PMV	5				87
15A»	GRAMOX INTEON	0.63	LAA	5	83	67	60	74
B»	COC	1.00	PMV	5				53
C»	LIQUID AMS	5.00	PMV	5				47
16A»	GRAMOX INTEON	0.63	LAA	5	96	84	90	78
B (G) 2,4-D-ESTER		0.50	LAA	5				83
C»	COC	1.00	PMV	5				78
D»	LIQUID AMS	5.00	PMV	5				

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-200

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	SETFA	CHEAL	POLPY
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/19/10	05/19/10	05/19/10	05/19/10	05/19/10	05/19/10
17A»	GRAMOX INTEON	0.63	LAA 5	97	84	88	84	81	75
	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	88	89	79	85	81
	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	98	89	89	85	86	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	94	84	87	82	89	86
	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	90	79	82	84	77	67
	B»PREFIX 5.32SL	1.33	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
LSD (0.05)				5.12	8.81	6.65	7.54	6.94	8.13
STANDARD DEVIATION				2.53	4.36	3.29	3.73	3.43	4.00

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CREATED: 04/28/2010 **REVISED:** 10/19/2010 **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	PHBPU CON % 05/19/10	AMBEL CON % 05/19/10	GLXMA CON % 06/14/10	STEME CON % 06/14/10	LAMAM CON % 06/14/10	ERICA CON % 06/14/10
		RATE	UNIT							
1A»	RNDUP POWERMAX	0.77	LAA	5	60	58	0	99	67	63
B»	LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	77	75	0	99	91	80
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
3A»	RNDUP POWERMAX	0.77	LAA	5	84	80	0	99	95	93
B VALOR 51WG		0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	84	80	0	99	97	96
B»SHARPEN 2.85L		0.022	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	81	81	0	99	99	94
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	83	82	0	99	99	95
B»AUTHOR. FIRST		0.14	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	78	77	0	99	96	96
B»PREFIX 5.32SL		1.33	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	77	77	0	99	72	72
B»	LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	85	85	0	99	99	84
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	89	0	99	99	89
B VALOR 51WG		0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
11A»	IGNITE 2.33SL	0.53	LAA	5	89	87	0	99	99	98
B»SHARPEN 2.85L		0.022	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	84	85	0	99	99	92
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	87	89	0	99	99	94
B»AUTHOR. FIRST		0.14	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	90	88	0	99	93	88
B»PREFIX 5.32SL		1.33	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	67	62	0	99	72	53
B»COC		1.00	PMV	5						
C»	LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	83	80	0	99	82	72
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-200

TRT	TREATMENT	DOSAGE		PHBPU	AMBEL	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/19/10	05/19/10	06/14/10	06/14/10	06/14/10	06/14/10
17A»	GRAMOX INTEON	0.63	LAA 5	79	78	0	99	88	86
	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	85	83	0	99	93	90
	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	83	79	0	99	97	94
	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	82	75	0	99	93	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	70	67	0	99	94	82
	B»PREFIX 5.32SL	1.33	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
LSD (0.05)				8.65	9.56	0.00	20.84	20.72	21.72
STANDARD DEVIATION				4.28	4.73	0.00	10.31	10.25	10.75

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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	SETFA	CHEAL	POLPY	PHBPU	AMBEL	GLXMA
		RATE	UNIT		CON % 06/14/10	CON % 06/14/10	CON % 06/14/10	CON % 06/14/10	CON % 06/14/10	CON % 06/29/10
1A»	RNDUP POWERMAX	0.77	LAA	5	43	43	40	0	0	0
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	53	58	62	0	0	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	73	88	84	53	72	0
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	60	78	75	67	65	0
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	72	90	88	68	72	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	68	87	82	65	68	0
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	83	84	83	57	67	0
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	50	50	47	13	10	0
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	58	63	70	17	17	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	73	93	87	65	77	0
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
11A»	IGNITE 2.33SL	0.53	LAA	5	52	84	82	63	70	0
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	68	82	75	63	70	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	70	83	83	65	77	0
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	92	90	82	57	73	0
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	50	57	47	0	0	0
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	55	65	67	0	0	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-200

TRT	TREATMENT	DOSAGE		SETFA	CHEAL	POLPY	PHBPU	AMBEL	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/14/10	06/14/10	06/14/10	06/14/10	06/14/10	06/29/10
17A»	GRAMOX INTEON	0.63	LAA 5	73	85	77	53	69	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	63	80	80	53	63	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	77	89	80	63	68	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	72	88	82	67	78	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	80	73	70	60	70	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)				21.54	21.00	20.28	22.08	22.80	0.00
STANDARD DEVIATION				10.66	10.38	10.00	10.93	11.28	0.00

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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	STEME	LAMAM	ERICA	SETFA	CHEAL	POLPY
		RATE	UNIT		CON % 06/29/10	CON % 06/29/10	CON % 06/29/10	CON % 06/29/10	CON % 06/29/10	CON % 06/29/10
1A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	88	99	99
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	92	99	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	99	99	99	94	99	99
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	99	99	99	89	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	91	99	99
	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	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	99	99	97	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	99	99	99	88	94	98
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	99	99	99	89	99	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	99	99	99	92	99	99
	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	89	99	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	99	99	94	99	99
	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	89	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	99	99	97	99	99
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	99	99	95	91	99	94
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	99	99	99	86	99	96
	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-200

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	SETFA	CHEAL	POLPY
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/29/10	06/29/10	06/29/10	06/29/10	06/29/10	06/29/10
17A»	GRAMOX INTEON	0.63	LAA 5	99	99	99	94	98	91
	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	99	89	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	99	99	99	93	99	99
	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	99	93	99	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	99	99	99	94	98	96
	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	1.70	5.23	1.71	3.52
STANDARD DEVIATION				0.00	0.00	0.842	2.59	0.848	1.74

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-200
CREATED: 04/28/2010 **REVISED:** 10/19/2010 **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		PHBPU	AMBEL	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/29/10	06/29/10	07/15/10	07/15/10	07/15/10	07/15/10
1A»	RNDUP POWERMAX	0.77	LAA 5	83	97	0	99	99	99
B»	LIQUID AMS	5.00	PMV 5						
2A»	RNDUP POWERMAX	0.77	LAA 5	88	99	0	99	99	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	95	99	0	99	99	99
B VALOR 51WG		0.064	LAA 5						
C»	LIQUID AMS	5.00	PMV 5						
4A»	RNDUP POWERMAX	0.77	LAA 5	93	99	0	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	93	99	0	99	99	99
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	96	99	0	99	99	99
B»	AUTHOR. FIRST	0.14	LAA 5						
C»	LIQUID AMS	5.00	PMV 5						
7A»	RNDUP POWERMAX	0.77	LAA 5	96	99	0	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	99	0	99	99	99
B»	LIQUID AMS	5.00	PMV 5						
9A»	IGNITE 2.33SL	0.53	LAA 5	90	99	0	99	99	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	91	99	0	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	89	96	0	99	99	99
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	0	99	99	99
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	96	99	0	99	99	99
B»	AUTHOR. FIRST	0.14	LAA 5						
C»	LIQUID AMS	5.00	PMV 5						
14A»	IGNITE 2.33SL	0.53	LAA 5	89	99	0	99	99	99
B»	PREFIX 5.32SL	1.33	LAA 5						
C»	LIQUID AMS	5.00	PMV 5						
15A»	GRAMOX INTEON	0.63	LAA 5	92	99	0	99	99	91
B»	COC	1.00	PMV 5						
C»	LIQUID AMS	5.00	PMV 5						
16A»	GRAMOX INTEON	0.63	LAA 5	92	99	0	99	99	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. N-200

TRT	TREATMENT	DOSAGE		PHBPU	AMBEL	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/29/10	06/29/10	07/15/10	07/15/10	07/15/10	07/15/10
17A»	GRAMOX INTEON	0.63	LAA 5	93	99	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	90	99	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	94	99	0	99	99	99
	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	91	99	0	99	99	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	91	98	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)				7.40	2.19	0.00	0.00	0.00	2.65
STANDARD DEVIATION				3.66	1.08	0.00	0.00	0.00	1.31

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-200
CREATED: 04/28/2010 **REVISED:** 10/19/2010 **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	SETFA	CHEAL	POLPY	PHBPU	AMBEL	YIELD
		RATE	UNIT		CON %	CON %	CON %	CON %	CON %	BU/A
					07/15/10	07/15/10	07/15/10	07/15/10	07/15/10	09/27/10
1A»	RNDUP POWERMAX	0.77	LAA	5	79	99	99	78	96	55.5
	B»LIQUID AMS	5.00	PMV	5						
2A»	RNDUP POWERMAX	0.77	LAA	5	88	99	99	83	98	55.3
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
3A»	RNDUP POWERMAX	0.77	LAA	5	91	99	99	92	99	60.0
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	RNDUP POWERMAX	0.77	LAA	5	85	99	99	89	99	55.6
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	RNDUP POWERMAX	0.77	LAA	5	88	99	99	91	99	53.9
	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	93	99	99	94	99	61.8
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
7A»	RNDUP POWERMAX	0.77	LAA	5	94	99	99	93	99	60.5
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
8A»	IGNITE 2.33SL	0.53	LAA	5	86	91	95	81	99	59.5
	B»LIQUID AMS	5.00	PMV	5						
9A»	IGNITE 2.33SL	0.53	LAA	5	82	99	99	85	99	62.0
	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	85	99	99	88	99	62.5
	B VALOR 51WG	0.064	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
11A»	IGNITE 2.33SL	0.53	LAA	5	87	99	99	84	94	62.2
	B»SHARPEN 2.85L	0.022	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
12A»	IGNITE 2.33SL	0.53	LAA	5	88	99	99	91	99	55.2
	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	84	99	99	92	99	63.2
	B»AUTHOR. FIRST	0.14	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
14A»	IGNITE 2.33SL	0.53	LAA	5	94	99	99	83	99	59.8
	B»PREFIX 5.32SL	1.33	LAA	5						
	C»LIQUID AMS	5.00	PMV	5						
15A»	GRAMOX INTEON	0.63	LAA	5	82	99	91	89	99	58.1
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
16A»	GRAMOX INTEON	0.63	LAA	5	87	99	95	89	99	55.7
	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-200

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 07/15/10	CHEAL CON % 07/15/10	POLPY CON % 07/15/10	PHBPU CON % 07/15/10	AMBEL CON % 07/15/10	YIELD BU/A 09/27/10
17A»GRAMOX INTEON	0.63	LAA	5	88	99	88	90	99	63.1
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	86	99	99	88	99	58.6
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	89	99	99	90	99	56.9
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	89	99	99	88	99	63.8
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	90	98	93	87	97	53.1
B»PREFIX 5.32SL	1.33	LAA	5						
C»COC	1.00	PMV	5						
D»LIQUID AMS	5.00	PMV	5						
LSD (0.05)				7.35	2.57	5.08	8.68	3.40	8.72
STANDARD DEVIATION				3.64	1.27	2.51	4.30	1.68	4.32

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15 DBP 05/04/2010(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS		C.M	CTR	SS	NOTE
001	STEME	CON %	05/19/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
002	LAMAM	CON %	05/19/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
003	ERICA	CON %	05/19/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
004	SETFA	CON %	05/19/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
005	CHEAL	CON %	05/19/2010	06	P	CHEAL		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
006	POLPY	CON %	05/19/2010	07	P	POLPY		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
007	PHBPU	CON %	05/19/2010	08	P	PHBPU		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
008	AMBEL	CON %	05/19/2010	09	P	AMBEL		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
009	GLXMA	CON %	06/14/2010	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
010	STEME	CON %	06/14/2010	02	P	STEME	19	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
011	LAMAM	CON %	06/14/2010	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
012	ERICA	CON %	06/14/2010	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
013	SETFA	CON %	06/14/2010	05	P	SETFA	16	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
014	CHEAL	CON %	06/14/2010	06	P	CHEAL	19	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
015	POLPY	CON %	06/14/2010	07	P	POLPY	19	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
016	PHBPU	CON %	06/14/2010	08	P	PHBPU	18	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
017	AMBEL	CON %	06/14/2010	09	P	AMBEL	18	RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
018	GLXMA	CON %	06/29/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
019	STEME	CON %	06/29/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
020	LAMAM	CON %	06/29/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
021	ERICA	CON %	06/29/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
022	SETFA	CON %	06/29/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
023	CHEAL	CON %	06/29/2010	06	P	CHEAL		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
024	POLPY	CON %	06/29/2010	07	P	POLPY		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
025	PHBPU	CON %	06/29/2010	08	P	PHBPU		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
026	AMBEL	CON %	06/29/2010	09	P	AMBEL		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
027	GLXMA	CON %	07/15/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
028	STEME	CON %	07/15/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
029	LAMAM	CON %	07/15/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
030	ERICA	CON %	07/15/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
031	SETFA	CON %	07/15/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
032	CHEAL	CON %	07/15/2010	06	P	CHEAL		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N
033	POLPY	CON %	07/15/2010	07	P	POLPY		RAW	ALL	CON	%	---	1.00	PL	NO	0001	0	N

TITLE: Tank-Mix Partners for Weed Control in No-till Soybean. N-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
034	PHBPU	CON %	07/15/2010	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	AMBEL	CON %	07/15/2010	09	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	YIELD	BU/A	09/27/2010	01	P	GLXMA		RAW	---	YLD	---	---	0.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = A 3402RR

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

16 = 6 LEAVES UNFOLDED

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

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED