

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	16	01	04	06	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	10/22/08	11/13/08	04/23/09	05/20/09	06/13/09	AME
AIR TEMPERATURE	49	52	71	67	76	F
% REL.HUMIDITY	35	65	35	38	68	
WIND DIRECTION	EAST	SOUTH	SOUTHEAST	SOUTH	SOUTHEAST	
WIND SPEED	12.0	8.0	8.0	6.0	4.0	M/H
CLOUD COVER	CLEAR	CLOUDY	PARTCLDY	CLEAR	PARTCLDY	
DEW	NO	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	IN
SCREEN SIZE						
SCREEN SZ DESC	NA	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN					---/16	
A 3402RR					8.00/10.0	IN
05/29/2009						
*** PEST ***						
LAMBSQUARTERS, C			---/12	---/19	---/19	
			0.50/0.50	2.00/4.00	2.00/8.00	IN
HORSEWEED / MARE	---/18	---/19	---/19	---/19	---/19	
	0.25/0.50	0.50/0.50	1.00/2.00	2.00/8.00	4.00/16.0	IN
HENBIT		---/14	---/19	---/19	---/19	
		1.00/1.00	1.00/3.00	2.00/6.00	3.00/6.00	IN
MORNINGGLORY, TA				---/11	---/19	
				1.00/1.00	2.00/6.00	IN
FOXTAIL, GIANT				---/11	---/15	
				1.00/1.00	4.00/8.00	IN
CHICKWEED, COMMO	---/18	---/19	---/19	---/19	---/19	
	0.50/0.50	1.00/1.00	1.00/2.00	1.00/3.00	2.00/4.00	IN

* TIMING CODES

01 = ----- / FALL APPL'D
04 = ----- / EPP 30 DBP
06 = ----- / EPP 7 DBP
12 = ----- / POST
16 = ----- / EARLY FALL

* STAGE CODE

11 = FIRST LEAF UNFOLDED
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

15 = 5 LEAVES UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68
CREATED: 10/21/2008 **REVISED:** 11/11/2009 **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		STEME CON % 03/27/09	LAMAM CON % 03/27/09	ERICA CON % 03/27/09	STEME CON % 04/17/09	LAMAM CON % 04/17/09	ERICA CON % 04/17/09
		RATE	UNIT TM						
1A	CLASSIC 25WG	0.016	LAA 16	99	99	98	97	96	94
	B»EXPRESS 50SG	0.0047	LAA 16						
	C (G)2,4-D-ESTER	0.50	LAA 16						
	D»COC	1.00	PMV 16						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
2A	CLASSIC 25WG	0.031	LAA 16	99	99	99	99	99	99
	B»EXPRESS 50SG	0.0094	LAA 16						
	C (G)2,4-D-ESTER	0.50	LAA 16						
	D»COC	1.00	PMV 16						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
3A	CLASSIC 25WG	0.02	LAA 16	99	99	99	99	99	99
	B»HARMONY GT 50W	0.0063	LAA 16						
	C VALOR 51WG	0.063	LAA 16						
	D (G)2,4-D-ESTER	0.50	LAA 16						
	E»COC	1.00	PMV 16						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
4A»	RNDUP POWERMAX	0.77	LAA 16	99	99	99	90	89	84
	B (G)2,4-D-ESTER	0.50	LAA 16						
	C»LIQUID AMS	2.50	PMV 16						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
5A»	RNDUP POWERMAX	0.56	LAA 16	99	99	99	89	85	82
	B (G)2,4-D-ESTER	0.95	LAA 16						
	C»LIQUID AMS	2.50	PMV 16						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
6A	CLASSIC 25WG	0.016	LAA 1	99	99	98	93	92	79
	B»EXPRESS 50SG	0.0047	LAA 1						
	C (G)2,4-D-ESTER	0.50	LAA 1						
	D»COC	1.00	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
7A	CLASSIC 25WG	0.031	LAA 1	99	99	97	98	98	90
	B»EXPRESS 50SG	0.0094	LAA 1						
	C (G)2,4-D-ESTER	0.50	LAA 1						
	D»COC	1.00	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
8A	CLASSIC 25WG	0.02	LAA 1	99	99	97	99	99	98
	B»HARMONY GT 50W	0.0063	LAA 1						
	C VALOR 51WG	0.063	LAA 1						
	D (G)2,4-D-ESTER	0.50	LAA 1						
	E»COC	1.00	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
9A»	RNDUP POWERMAX	0.77	LAA 1	99	99	99	93	90	87
	B (G)2,4-D-ESTER	0.50	LAA 1						
	C»LIQUID AMS	2.50	PMV 1						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
10A»	RNDUP POWERMAX	0.56	LAA 1	99	99	99	85	79	83
	B (G)2,4-D-ESTER	0.95	LAA 1						
	C»LIQUID AMS	2.50	PMV 1						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68

TRT NUM	TREATMENT COMPONENT	DOSAGE			STEME	LAMAM	ERICA	STEME	LAMAM	ERICA
		RATE	UNIT	TM	CON % 03/27/09	CON % 03/27/09	CON % 03/27/09	CON % 04/17/09	CON % 04/17/09	CON % 04/17/09
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	»VALOR XLT 40WG	0.075	LAA	1	99	99	99	99	99	98
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»RNDUP POWERMAX	0.56	LAA	1						
	D»LIQUID AMS	2.50	PMV	1						
13A	»AUTUMN 10 WDG	0.0019	LAA	1	99	99	99	99	98	98
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
14A	»AUTUMN 10 WDG	0.0019	LAA	1	99	99	99	98	98	95
	B»RNDUP POWERMAX	0.38	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
15A	»USF1 10WP	0.0134	LAA	1	98	99	99	99	98	91
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
16A	»USF1 10WP	0.0134	LAA	1	99	99	99	99	99	96
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C»RNDUP POWERMAX	0.38	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
17A	»RNDUP POWERMAX	0.77	LAA	4	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»RNDUP POWERMAX	0.56	LAA	4	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
19A	»RNDUP POWERMAX	0.77	LAA	6	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A	»RNDUP POWERMAX	0.56	LAA	6	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				0.426	0.00	2.00	2.88	5.11	9.00
	STANDARD DEVIATION				0.211	0.00	1.00	1.43	2.53	4.44

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68
CREATED: 10/21/2008 **REVISED:** 11/11/2009 **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	CHEAL	STEME	LAMAM	ERICA	CHEAL	SETFA
		RATE	UNIT		CON % 04/17/09	CON % 05/20/09	CON % 05/20/09	CON % 05/20/09	CON % 05/20/09	CON % 05/20/09
1A	CLASSIC 25WG	0.016	LAA	16	98	99	99	73	97	47
	B»EXPRESS 50SG	0.0047	LAA	16						
	C (G)2,4-D-ESTER	0.50	LAA	16						
	D»COC	1.00	PMV	16						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.031	LAA	16	99	99	99	93	99	72
	B»EXPRESS 50SG	0.0094	LAA	16						
	C (G)2,4-D-ESTER	0.50	LAA	16						
	D»COC	1.00	PMV	16						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.02	LAA	16	99	99	99	99	99	80
	B»HARMONY GT 50W	0.0063	LAA	16						
	C VALOR 51WG	0.063	LAA	16						
	D (G)2,4-D-ESTER	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
4A»	RNDUP POWERMAX	0.77	LAA	16	0	87	82	80	0	0
	B (G)2,4-D-ESTER	0.50	LAA	16						
	C»LIQUID AMS	2.50	PMV	16						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
5A»	RNDUP POWERMAX	0.56	LAA	16	0	83	75	80	0	0
	B (G)2,4-D-ESTER	0.95	LAA	16						
	C»LIQUID AMS	2.50	PMV	16						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.016	LAA	1	85	99	99	65	97	65
	B»EXPRESS 50SG	0.0047	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.031	LAA	1	95	99	99	70	98	72
	B»EXPRESS 50SG	0.0094	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	CLASSIC 25WG	0.02	LAA	1	99	99	99	82	99	80
	B»HARMONY GT 50W	0.0063	LAA	1						
	C VALOR 51WG	0.063	LAA	1						
	D (G)2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	RNDUP POWERMAX	0.77	LAA	1	0	78	77	80	0	0
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
10A»	RNDUP POWERMAX	0.56	LAA	1	27	75	67	76	0	0
	B (G)2,4-D-ESTER	0.95	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	STEME	LAMAM	ERICA	CHEAL	SETFA
		RATE	UNIT	TM	CON % 04/17/09	CON % 05/20/09	CON % 05/20/09	CON % 05/20/09	CON % 05/20/09	CON % 05/20/09
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	»VALOR XLT 40WG	0.075	LAA	1	99	99	99	98	99	76
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»RNDUP POWERMAX	0.56	LAA	1						
	D»LIQUID AMS	2.50	PMV	1						
13A	»AUTUMN 10 WDG	0.0019	LAA	1	73	93	89	81	0	0
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
14A	»AUTUMN 10 WDG	0.0019	LAA	1	60	78	74	83	0	0
	B»RNDUP POWERMAX	0.38	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
15A	»USF1 10WP	0.0134	LAA	1	90	82	83	73	0	0
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
16A	»USF1 10WP	0.0134	LAA	1	88	88	86	70	0	0
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C»RNDUP POWERMAX	0.38	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
17A	»RNDUP POWERMAX	0.77	LAA	4	C	99	99	97	96	0
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»RNDUP POWERMAX	0.56	LAA	4	C	99	99	97	94	0
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
19A	»RNDUP POWERMAX	0.77	LAA	6	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A	»RNDUP POWERMAX	0.56	LAA	6	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				11.49	3.33	7.10	8.51	1.91	7.00
	STANDARD DEVIATION				5.69	1.65	3.51	4.21	0.944	3.45

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68
CREATED: 10/21/2008 **REVISED:** 11/11/2009 **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		STEME CON % 06/13/09	LAMAM CON % 06/13/09	ERICA CON % 06/13/09	CHEAL CON % 06/13/09	SETFA CON % 06/13/09	STEME CON % 07/10/09
		RATE	UNIT TM						
1A	CLASSIC 25WG	0.016	LAA 16	99	96	38	78	23	99
	B»EXPRESS 50SG	0.0047	LAA 16						
	C (G)2,4-D-ESTER	0.50	LAA 16						
	D»COC	1.00	PMV 16						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
2A	CLASSIC 25WG	0.031	LAA 16	99	99	60	90	37	99
	B»EXPRESS 50SG	0.0094	LAA 16						
	C (G)2,4-D-ESTER	0.50	LAA 16						
	D»COC	1.00	PMV 16						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
3A	CLASSIC 25WG	0.02	LAA 16	99	99	83	96	33	99
	B»HARMONY GT 50W	0.0063	LAA 16						
	C VALOR 51WG	0.063	LAA 16						
	D (G)2,4-D-ESTER	0.50	LAA 16						
	E»COC	1.00	PMV 16						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
4A»	RNDUP POWERMAX	0.77	LAA 16	85	77	63	0	0	99
	B (G)2,4-D-ESTER	0.50	LAA 16						
	C»LIQUID AMS	2.50	PMV 16						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
5A»	RNDUP POWERMAX	0.56	LAA 16	87	75	53	0	0	99
	B (G)2,4-D-ESTER	0.95	LAA 16						
	C»LIQUID AMS	2.50	PMV 16						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
6A	CLASSIC 25WG	0.016	LAA 1	99	99	33	80	58	99
	B»EXPRESS 50SG	0.0047	LAA 1						
	C (G)2,4-D-ESTER	0.50	LAA 1						
	D»COC	1.00	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
7A	CLASSIC 25WG	0.031	LAA 1	99	99	43	87	53	99
	B»EXPRESS 50SG	0.0094	LAA 1						
	C (G)2,4-D-ESTER	0.50	LAA 1						
	D»COC	1.00	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
8A	CLASSIC 25WG	0.02	LAA 1	99	99	37	93	55	99
	B»HARMONY GT 50W	0.0063	LAA 1						
	C VALOR 51WG	0.063	LAA 1						
	D (G)2,4-D-ESTER	0.50	LAA 1						
	E»COC	1.00	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
9A»	RNDUP POWERMAX	0.77	LAA 1	80	60	40	0	0	99
	B (G)2,4-D-ESTER	0.50	LAA 1						
	C»LIQUID AMS	2.50	PMV 1						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
10A»	RNDUP POWERMAX	0.56	LAA 1	91	81	48	0	0	99
	B (G)2,4-D-ESTER	0.95	LAA 1						
	C»LIQUID AMS	2.50	PMV 1						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68

TRT NUM	TREATMENT COMPONENT	DOSAGE			STEME	LAMAM	ERICA	CHEAL	SETFA	STEME
		RATE	UNIT	TM	CON % 06/13/09	CON % 06/13/09	CON % 06/13/09	CON % 06/13/09	CON % 06/13/09	CON % 07/10/09
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	»VALOR XLT 40WG	0.075	LAA	1	99	94	78	92	27	99
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»RNDUP POWERMAX	0.56	LAA	1						
	D»LIQUID AMS	2.50	PMV	1						
13A	»AUTUMN 10 WDG	0.0019	LAA	1	92	77	48	0	0	99
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
14A	»AUTUMN 10 WDG	0.0019	LAA	1	83	73	57	0	0	99
	B»RNDUP POWERMAX	0.38	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
15A	»USF1 10WP	0.0134	LAA	1	85	67	43	0	0	99
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
16A	»USF1 10WP	0.0134	LAA	1	91	73	43	0	0	99
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C»RNDUP POWERMAX	0.38	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
17A	»RNDUP POWERMAX	0.77	LAA	4	99	92	80	55	20	99
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»RNDUP POWERMAX	0.56	LAA	4	99	99	93	77	23	99
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
19A	»RNDUP POWERMAX	0.77	LAA	6	99	99	99	97	77	99
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A	»RNDUP POWERMAX	0.56	LAA	6	99	99	99	97	81	99
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				3.65	7.24	11.44	9.55	7.40	0.00
	STANDARD DEVIATION				1.81	3.58	5.66	4.72	3.66	0.00

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68
CREATED: 10/21/2008 **REVISED:** 11/11/2009 **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	LAMAM	ERICA	CHEAL	SETFA	PHBPU	YIELD
		RATE	UNIT		CON % 07/10/09	CON % 07/10/09	CON % 07/10/09	CON % 07/10/09	CON % 07/10/09	BU/A 11/08/09
1A	CLASSIC 25WG	0.016	LAA	16	99	97	96	37	43	48.3
	B»EXPRESS 50SG	0.0047	LAA	16						
	C (G)2,4-D-ESTER	0.50	LAA	16						
	D»COC	1.00	PMV	16						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.031	LAA	16	99	98	99	48	48	49.4
	B»EXPRESS 50SG	0.0094	LAA	16						
	C (G)2,4-D-ESTER	0.50	LAA	16						
	D»COC	1.00	PMV	16						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.02	LAA	16	99	99	96	52	57	47.7
	B»HARMONY GT 50W	0.0063	LAA	16						
	C VALOR 51WG	0.063	LAA	16						
	D (G)2,4-D-ESTER	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
4A»	RNDUP POWERMAX	0.77	LAA	16	99	96	47	38	33	53.5
	B (G)2,4-D-ESTER	0.50	LAA	16						
	C»LIQUID AMS	2.50	PMV	16						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
5A»	RNDUP POWERMAX	0.56	LAA	16	99	93	47	32	35	54.0
	B (G)2,4-D-ESTER	0.95	LAA	16						
	C»LIQUID AMS	2.50	PMV	16						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.016	LAA	1	99	95	97	43	45	50.7
	B»EXPRESS 50SG	0.0047	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.031	LAA	1	99	94	99	37	45	51.8
	B»EXPRESS 50SG	0.0094	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	CLASSIC 25WG	0.02	LAA	1	99	95	99	58	58	50.2
	B»HARMONY GT 50W	0.0063	LAA	1						
	C VALOR 51WG	0.063	LAA	1						
	D (G)2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	RNDUP POWERMAX	0.77	LAA	1	99	99	47	37	33	39.3
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
10A»	RNDUP POWERMAX	0.56	LAA	1	99	99	52	43	35	56.5
	B (G)2,4-D-ESTER	0.95	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68

TRT NUM	TREATMENT COMPONENT	DOSAGE			LAMAM	ERICA	CHEAL	SETFA	PHBPU	YIELD
		RATE	UNIT	TM	CON % 07/10/09	CON % 07/10/09	CON % 07/10/09	CON % 07/10/09	CON % 07/10/09	BU/A 11/08/09
11A	CHECK	0.00	NA	0	0	0	0	0	0	46.8
12A	»VALOR XLT 40WG	0.075	LAA	1	99	99	97	62	65	44.4
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»RNDUP POWERMAX	0.56	LAA	1						
	D»LIQUID AMS	2.50	PMV	1						
13A	»AUTUMN 10 WDG	0.0019	LAA	1	99	96	58	43	47	45.4
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
14A	»AUTUMN 10 WDG	0.0019	LAA	1	99	94	62	40	42	46.9
	B»RNDUP POWERMAX	0.38	LAA	1						
	C»SUPERB HC	0.50	PMV	1						
	D»LIQUID AMS	2.50	PMV	1						
15A	»USF1 10WP	0.0134	LAA	1	99	89	58	50	43	47.8
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
16A	»USF1 10WP	0.0134	LAA	1	99	89	58	50	43	45.1
	B»AUTUMN 10 WDG	0.0019	LAA	1						
	C»RNDUP POWERMAX	0.38	LAA	1						
	D»SUPERB HC	0.50	PMV	1						
	E»LIQUID AMS	2.50	PMV	1						
17A	»RNDUP POWERMAX	0.77	LAA	4	99	99	63	55	47	54.3
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»RNDUP POWERMAX	0.56	LAA	4	99	96	62	55	47	48.9
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
19A	»RNDUP POWERMAX	0.77	LAA	6	99	99	95	48	43	52.9
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A	»RNDUP POWERMAX	0.56	LAA	6	99	91	88	42	43	56.5
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	4.51	12.00	13.89	10.67	14.24
		STANDARD DEVIATION			0.00	2.23	5.94	6.87	5.28	7.00

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 01 = ----- / FALL APPL'D 11/13/2008(2)
- 04 = ----- / EPP 30 DBP 04/23/2009(3)
- 06 = ----- / EPP 7 DBP 05/20/2009(4)
- 12 = ----- / POST 06/13/2009(5)
- 16 = ----- / EARLY FALL 10/22/2008(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	STEME	CON %	03/27/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	03/27/2009	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	03/27/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Fall-applied herbicides for weed control in no-till soybean. 261-68

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
004	STEME	CON %	04/17/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	LAMAM	CON %	04/17/2009	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	04/17/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	04/17/2009	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	STEME	CON %	05/20/2009	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LAMAM	CON %	05/20/2009	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	05/20/2009	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	05/20/2009	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	05/20/2009	06	P	SETFA	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	STEME	CON %	06/13/2009	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	LAMAM	CON %	06/13/2009	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ERICA	CON %	06/13/2009	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	06/13/2009	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	06/13/2009	06	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	STEME	CON %	07/10/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	LAMAM	CON %	07/10/2009	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ERICA	CON %	07/10/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	07/10/2009	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	07/10/2009	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	07/10/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	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

11 = FIRST LEAF UNFOLDED

15 = 5 LEAVES UNFOLDED

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