

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.8
PREV.CROP: NA - NONE
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	01	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	11/09/10	07/05/11	AME
AIR TEMPERATURE	71	82	F
% REL.HUMIDITY	35	43	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	6.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	MOIST/DRY	DRY/MOIST	
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		---/16	
A 3431RR		10.0/10.0	IN
06/01/2011			
*** PEST ***			
LAMBSQUARTERS, C		---/19	
		2.00/8.00	IN
HORSEWEED / MARE		---/19	
		2.00/12.0	IN
HENBIT		---/19	
		3.00/6.00	IN
MORNINGGLORY, TA		---/18	
		2.00/4.00	IN
PRIMROSE, COMMON		---/19	
		4.00/10.0	IN
FOXTAIL, GIANT		---/17	
		3.00/6.00	IN
CHICKWEED, COMMO		---/19	
		2.00/4.00	IN

* TIMING CODES

01 = ----- / FALL APPL'D
12 = ----- / POST

* STAGE CODE

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300
CREATED: 11/05/2010 **REVISED:** 09/08/2011 **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	PRIVU	ERICA	STEME	LAMAM
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %
				03/30/11	03/30/11	03/30/11	04/29/11	04/29/11
1A»	AUTUMN 10 WDG	0.0019	LAA 1	99	91	68	97	80
B»	RNDUP POWERMAX	0.77	LAA 1					73
C»	COC	1.00	PMV 1					
D»	LIQUID AMS	2.50	PMV 1					
E»	RNDUP POWERMAX	0.77	LAA 12					
F»	LIQUID AMS	2.50	PMV 12					
2A»	AUTUMN SUPER 5	0.016	LAA 1	99	99	99	99	90
B (G)	2,4-D-ESTER	0.50	LAA 1					95
C»	COC	1.00	PMV 1					
D»	LIQUID AMS	2.50	PMV 1					
E»	RNDUP POWERMAX	0.77	LAA 12					
F»	LIQUID AMS	2.50	PMV 12					
3A»	AUTUMN SUPER 5	0.016	LAA 1	99	99	83	99	83
B»	RNDUP POWERMAX	0.77	LAA 1					88
C»	COC	1.00	PMV 1					
D»	LIQUID AMS	2.50	PMV 1					
E»	RNDUP POWERMAX	0.77	LAA 12					
F»	LIQUID AMS	2.50	PMV 12					
4A»	AUTUMN SUPER 5	0.016	LAA 1	99	99	88	99	99
B	SENCOR 75WG	0.28	LAA 1					
C»	RNDUP POWERMAX	0.77	LAA 1					
D»	COC	1.00	PMV 1					
E»	LIQUID AMS	2.50	PMV 1					
F»	RNDUP POWERMAX	0.77	LAA 12					
G»	LIQUID AMS	2.50	PMV 12					
5A	CANOPY EX	1.85	OMA 0	99	98	99	99	99
B	CLASSIC 25WG	0.026	LAA 1					
C»	EXPRESS 50SG	0.0078	LAA 1					
D (G)	2,4-D-ESTER	0.50	LAA 1					
E»	COC	1.00	PMV 1					
F»	LIQUID AMS	2.50	PMV 1					
G»	RNDUP POWERMAX	0.77	LAA 12					
H»	LIQUID AMS	2.50	PMV 12					
6A	CANOPY 75WG	0.188	LAA 1	97	98	69	95	94
B»	RNDUP POWERMAX	0.77	LAA 1					93
C (G)	2,4-D-ESTER	0.50	LAA 1					
D»	COC	1.00	PMV 1					
E»	LIQUID AMS	2.50	PMV 1					
F»	RNDUP POWERMAX	0.77	LAA 12					
G»	LIQUID AMS	2.50	PMV 12					
7A»	AUTHORITY XL 7	0.14	LAA 1	99	99	89	99	99
B»	RNDUP POWERMAX	0.77	LAA 1					
C»	RAGE D-TECH 4L	0.38	LAA 1					
D»	LIQUID AMS	2.50	PMV 1					
E»	RNDUP POWERMAX	0.77	LAA 12					
F»	LIQUID AMS	2.50	PMV 12					
8A»	AUTHORITY XL 7	0.175	LAA 1	99	99	93	99	99
B»	RNDUP POWERMAX	0.77	LAA 1					
C»	RAGE D-TECH 4L	0.38	LAA 1					
D»	LIQUID AMS	2.50	PMV 1					
E»	RNDUP POWERMAX	0.77	LAA 12					
F»	LIQUID AMS	2.50	PMV 12					
9A»	AUTHORITY XL 7	0.197	LAA 1	99	99	98	99	98
B»	RNDUP POWERMAX	0.77	LAA 1					99
C»	RAGE D-TECH 4L	0.38	LAA 1					
D»	LIQUID AMS	2.50	PMV 1					
E»	RNDUP POWERMAX	0.77	LAA 12					
F»	LIQUID AMS	2.50	PMV 12					

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300

TRT	TREATMENT	DOSAGE	STEME	LAMAM	PRIVU	ERICA	STEME	LAMAM
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	03/30/11	03/30/11	03/30/11	03/30/11	04/29/11
10A»	VALOR XLT 40WG	0.075	LAA 0	99	99	98	99	99
	B CLASSIC 25WG	0.019	LAA 1					
	C VALOR 51WG	0.056	LAA 1					
	D»KIH-485 85WG	0.19	LAA 1					
	E»RNDUP POWERMAX	0.77	LAA 1					
	F (G)2,4-D-ESTER	0.50	LAA 1					
	G»LIQUID AMS	2.50	PMV 1					
	H»RNDUP POWERMAX	0.77	LAA 12					
	I»LIQUID AMS	2.50	PMV 12					
11A	CHECK	0.00	NA 0	0	0	0	0	0
12A	CANOPY EX	1.10	OMA 0	99	99	98	99	99
	B CLASSIC 25WG	0.016	LAA 1					
	C»EXPRESS 50SG	0.0047	LAA 1					
	D»RNDUP POWERMAX	0.77	LAA 1					
	E (G)2,4-D-ESTER	0.50	LAA 1					
	F»LIQUID AMS	2.50	PMV 1					
	G»RNDUP POWERMAX	0.77	LAA 12					
	H»LIQUID AMS	2.50	PMV 12					
13A	BASIS (75WG)	0.014	LAA 1	99	99	89	99	95
	B»SHARPEN 2.85L	0.022	LAA 1					
	C»RNDUP POWERMAX	0.77	LAA 1					
	D (G)2,4-D-ESTER	0.50	LAA 1					
	E»LIQUID AMS	2.50	PMV 1					
	F»RNDUP POWERMAX	0.77	LAA 12					
	G»LIQUID AMS	2.50	PMV 12					
14A	BASIS (75WG)	0.014	LAA 1	99	99	92	99	94
	B»SHARPEN 2.85L	0.022	LAA 1					
	C»KIH-485 85WG	0.19	LAA 1					
	D»RNDUP POWERMAX	0.77	LAA 1					
	E (G)2,4-D-ESTER	0.50	LAA 1					
	F»LIQUID AMS	2.50	PMV 1					
	G»RNDUP POWERMAX	0.77	LAA 12					
	H»LIQUID AMS	2.50	PMV 12					
15A»	RNDUP POWERMAX	0.77	LAA 1	88	88	78	89	82
	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					
LSD (0.05)				3.37	4.38	9.77	2.00	7.34
STANDARD DEVIATION				1.65	2.14	4.77	1.00	3.58

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300
CREATED: 11/05/2010 **REVISED:** 09/08/2011 **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		PRIVU	ERICA	CHEAL	STEME	LAMAM	PRIVU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				04/29/11	04/29/11	04/29/11	05/31/11	05/31/11	05/31/11
1A»	AUTUMN 10 WDG	0.0019	LAA 1	53	86	40	80	77	47
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»COC	1.00	PMV 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
2A»	AUTUMN SUPER 5	0.016	LAA 1	97	98	93	85	91	88
	B (G) 2,4-D-ESTER	0.50	LAA 1						
	C»COC	1.00	PMV 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
3A»	AUTUMN SUPER 5	0.016	LAA 1	83	90	77	83	80	63
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»COC	1.00	PMV 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
4A»	AUTUMN SUPER 5	0.016	LAA 1	86	91	85	91	95	85
	B SENCOR 75WG	0.28	LAA 1						
	C»RNDUP POWERMAX	0.77	LAA 1						
	D»COC	1.00	PMV 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
5A	CANOPY EX	1.85	OMA 0	98	98	98	99	99	94
	B CLASSIC 25WG	0.026	LAA 1						
	C»EXPRESS 50SG	0.0078	LAA 1						
	D (G) 2,4-D-ESTER	0.50	LAA 1						
	E»COC	1.00	PMV 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
6A	CANOPY 75WG	0.188	LAA 1	76	85	89	99	99	83
	B»RNDUP POWERMAX	0.77	LAA 1						
	C (G) 2,4-D-ESTER	0.50	LAA 1						
	D»COC	1.00	PMV 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
7A»	AUTHORITY XL 7	0.14	LAA 1	95	96	94	99	99	85
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»RAGE D-TECH 4L	0.38	LAA 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
8A»	AUTHORITY XL 7	0.175	LAA 1	98	99	99	99	99	93
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»RAGE D-TECH 4L	0.38	LAA 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
9A»	AUTHORITY XL 7	0.197	LAA 1	99	99	99	99	99	96
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»RAGE D-TECH 4L	0.38	LAA 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300

TRT	TREATMENT	DOSAGE		PRIVU	ERICA	CHEAL	STEME	LAMAM	PRIVU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				04/29/11	04/29/11	04/29/11	05/31/11	05/31/11	05/31/11
10A»	VALOR XLT 40WG	0.075	LAA 0	98	99	99	99	99	95
	B CLASSIC 25WG	0.019	LAA 1						
	C VALOR 51WG	0.056	LAA 1						
	D»KIH-485 85WG	0.19	LAA 1						
	E»RNDUP POWERMAX	0.77	LAA 1						
	F (G)2,4-D-ESTER	0.50	LAA 1						
	G»LIQUID AMS	2.50	PMV 1						
	H»RNDUP POWERMAX	0.77	LAA 12						
	I»LIQUID AMS	2.50	PMV 12						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A	CANOPY EX	1.10	OMA 0	91	92	86	99	99	93
	B CLASSIC 25WG	0.016	LAA 1						
	C»EXPRESS 50SG	0.0047	LAA 1						
	D»RNDUP POWERMAX	0.77	LAA 1						
	E (G)2,4-D-ESTER	0.50	LAA 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
13A	BASIS (75WG)	0.014	LAA 1	81	83	75	93	95	72
	B»SHARPEN 2.85L	0.022	LAA 1						
	C»RNDUP POWERMAX	0.77	LAA 1						
	D (G)2,4-D-ESTER	0.50	LAA 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
14A	BASIS (75WG)	0.014	LAA 1	89	83	75	98	99	85
	B»SHARPEN 2.85L	0.022	LAA 1						
	C»KIH-485 85WG	0.19	LAA 1						
	D»RNDUP POWERMAX	0.77	LAA 1						
	E (G)2,4-D-ESTER	0.50	LAA 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
15A»	RNDUP POWERMAX	0.77	LAA 1	88	83	72	75	82	70
	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						
LSD (0.05)				18.10	9.18	12.37	6.78	6.24	7.77
STANDARD DEVIATION				8.84	4.48	6.00	3.31	3.00	3.79

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300
CREATED: 11/05/2010 **REVISED:** 09/08/2011 **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			ERICA	CHEAL	GLXMA	STEME	LAMAM	PRIVU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					05/31/11	05/31/11	06/12/11	06/12/11	06/12/11	06/12/11
1A»	AUTUMN 10 WDG	0.0019	LAA	1	63	35	0	99	99	65
B»	RNDUP POWERMAX	0.77	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	2.50	PMV	1						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
2A»	AUTUMN SUPER 5	0.016	LAA	1	87	70	0	99	99	91
B (G)	2,4-D-ESTER	0.50	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	2.50	PMV	1						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
3A»	AUTUMN SUPER 5	0.016	LAA	1	78	55	0	99	99	77
B»	RNDUP POWERMAX	0.77	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	2.50	PMV	1						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
4A»	AUTUMN SUPER 5	0.016	LAA	1	87	78	0	99	99	89
B	SENCOR 75WG	0.28	LAA	1						
C»	RNDUP POWERMAX	0.77	LAA	1						
D»	COC	1.00	PMV	1						
E»	LIQUID AMS	2.50	PMV	1						
F»	RNDUP POWERMAX	0.77	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
5A	CANOPY EX	1.85	OMA	0	93	97	0	99	99	97
B	CLASSIC 25WG	0.026	LAA	1						
C»	EXPRESS 50SG	0.0078	LAA	1						
D (G)	2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
F»	LIQUID AMS	2.50	PMV	1						
G»	RNDUP POWERMAX	0.77	LAA	12						
H»	LIQUID AMS	2.50	PMV	12						
6A	CANOPY 75WG	0.188	LAA	1	82	92	0	99	99	88
B»	RNDUP POWERMAX	0.77	LAA	1						
C (G)	2,4-D-ESTER	0.50	LAA	1						
D»	COC	1.00	PMV	1						
E»	LIQUID AMS	2.50	PMV	1						
F»	RNDUP POWERMAX	0.77	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
7A»	AUTHORITY XL 7	0.14	LAA	1	88	98	0	99	99	93
B»	RNDUP POWERMAX	0.77	LAA	1						
C»	RAGE D-TECH 4L	0.38	LAA	1						
D»	LIQUID AMS	2.50	PMV	1						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
8A»	AUTHORITY XL 7	0.175	LAA	1	96	99	0	99	99	97
B»	RNDUP POWERMAX	0.77	LAA	1						
C»	RAGE D-TECH 4L	0.38	LAA	1						
D»	LIQUID AMS	2.50	PMV	1						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
9A»	AUTHORITY XL 7	0.197	LAA	1	97	99	0	99	99	98
B»	RNDUP POWERMAX	0.77	LAA	1						
C»	RAGE D-TECH 4L	0.38	LAA	1						
D»	LIQUID AMS	2.50	PMV	1						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						

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TRT	TREATMENT	DOSAGE		ERICA	CHEAL	GLXMA	STEME	LAMAM	PRIVU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/31/11	05/31/11	06/12/11	06/12/11	06/12/11	06/12/11
10A»	VALOR XLT 40WG	0.075	LAA 0	98	99	0	99	99	97
	B CLASSIC 25WG	0.019	LAA 1						
	C VALOR 51WG	0.056	LAA 1						
	D»KIH-485 85WG	0.19	LAA 1						
	E»RNDUP POWERMAX	0.77	LAA 1						
	F (G)2,4-D-ESTER	0.50	LAA 1						
	G»LIQUID AMS	2.50	PMV 1						
	H»RNDUP POWERMAX	0.77	LAA 12						
	I»LIQUID AMS	2.50	PMV 12						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A	CANOPY EX	1.10	OMA 0	89	97	0	99	99	98
	B CLASSIC 25WG	0.016	LAA 1						
	C»EXPRESS 50SG	0.0047	LAA 1						
	D»RNDUP POWERMAX	0.77	LAA 1						
	E (G)2,4-D-ESTER	0.50	LAA 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
13A	BASIS (75WG)	0.014	LAA 1	52	30	0	99	99	83
	B»SHARPEN 2.85L	0.022	LAA 1						
	C»RNDUP POWERMAX	0.77	LAA 1						
	D (G)2,4-D-ESTER	0.50	LAA 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
14A	BASIS (75WG)	0.014	LAA 1	82	70	0	99	99	92
	B»SHARPEN 2.85L	0.022	LAA 1						
	C»KIH-485 85WG	0.19	LAA 1						
	D»RNDUP POWERMAX	0.77	LAA 1						
	E (G)2,4-D-ESTER	0.50	LAA 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
15A»	RNDUP POWERMAX	0.77	LAA 1	47	23	0	99	99	86
	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						
LSD (0.05)				9.69	9.85	0.00	0.00	0.00	6.24
STANDARD DEVIATION				4.73	4.81	0.00	0.00	0.00	3.00

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300
CREATED: 11/05/2010 **REVISED:** 09/08/2011 **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		ERICA	CHEAL	GLXMA	STEME	LAMAM	PRIVU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/12/11	06/12/11	08/04/11	08/04/11	08/04/11	08/04/11
1A»	AUTUMN 10 WDG	0.0019	LAA 1	98	93	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»COC	1.00	PMV 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
2A»	AUTUMN SUPER 5	0.016	LAA 1	99	96	0	99	99	99
	B (G) 2,4-D-ESTER	0.50	LAA 1						
	C»COC	1.00	PMV 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
3A»	AUTUMN SUPER 5	0.016	LAA 1	99	90	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»COC	1.00	PMV 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
4A»	AUTUMN SUPER 5	0.016	LAA 1	99	98	0	99	99	99
	B SENCOR 75WG	0.28	LAA 1						
	C»RNDUP POWERMAX	0.77	LAA 1						
	D»COC	1.00	PMV 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
5A	CANOPY EX	1.85	OMA 0	99	99	0	99	99	99
	B CLASSIC 25WG	0.026	LAA 1						
	C»EXPRESS 50SG	0.0078	LAA 1						
	D (G) 2,4-D-ESTER	0.50	LAA 1						
	E»COC	1.00	PMV 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
6A	CANOPY 75WG	0.188	LAA 1	99	99	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 1						
	C (G) 2,4-D-ESTER	0.50	LAA 1						
	D»COC	1.00	PMV 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
7A»	AUTHORITY XL 7	0.14	LAA 1	99	99	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»RAGE D-TECH 4L	0.38	LAA 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
8A»	AUTHORITY XL 7	0.175	LAA 1	99	99	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»RAGE D-TECH 4L	0.38	LAA 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
9A»	AUTHORITY XL 7	0.197	LAA 1	99	99	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 1						
	C»RAGE D-TECH 4L	0.38	LAA 1						
	D»LIQUID AMS	2.50	PMV 1						
	E»RNDUP POWERMAX	0.77	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300

TRT	TREATMENT	DOSAGE		ERICA	CHEAL	GLXMA	STEME	LAMAM	PRIVU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/12/11	06/12/11	08/04/11	08/04/11	08/04/11	08/04/11
10A»	VALOR XLT 40WG	0.075	LAA 0	99	99	0	99	99	99
	B CLASSIC 25WG	0.019	LAA 1						
	C VALOR 51WG	0.056	LAA 1						
	D»KIH-485 85WG	0.19	LAA 1						
	E»RNDUP POWERMAX	0.77	LAA 1						
	F (G)2,4-D-ESTER	0.50	LAA 1						
	G»LIQUID AMS	2.50	PMV 1						
	H»RNDUP POWERMAX	0.77	LAA 12						
	I»LIQUID AMS	2.50	PMV 12						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A	CANOPY EX	1.10	OMA 0	99	99	0	99	99	99
	B CLASSIC 25WG	0.016	LAA 1						
	C»EXPRESS 50SG	0.0047	LAA 1						
	D»RNDUP POWERMAX	0.77	LAA 1						
	E (G)2,4-D-ESTER	0.50	LAA 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
13A	BASIS (75WG)	0.014	LAA 1	98	79	0	99	99	99
	B»SHARPEN 2.85L	0.022	LAA 1						
	C»RNDUP POWERMAX	0.77	LAA 1						
	D (G)2,4-D-ESTER	0.50	LAA 1						
	E»LIQUID AMS	2.50	PMV 1						
	F»RNDUP POWERMAX	0.77	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
14A	BASIS (75WG)	0.014	LAA 1	99	98	0	99	99	99
	B»SHARPEN 2.85L	0.022	LAA 1						
	C»KIH-485 85WG	0.19	LAA 1						
	D»RNDUP POWERMAX	0.77	LAA 1						
	E (G)2,4-D-ESTER	0.50	LAA 1						
	F»LIQUID AMS	2.50	PMV 1						
	G»RNDUP POWERMAX	0.77	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
15A»	RNDUP POWERMAX	0.77	LAA 1	99	94	0	99	99	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						
LSD (0.05)				1.44	3.76	0.00	0.00	0.00	0.00
STANDARD DEVIATION				0.701	1.84	0.00	0.00	0.00	0.00

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300
CREATED: 11/05/2010 **REVISED:** 09/08/2011 **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		ERICA	CHEAL	SETFA	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON % 08/04/11	CON % 08/04/11	CON % 08/04/11	CON % 08/04/11
1A»	AUTUMN 10 WDG	0.0019	LAA 1	94	98	94	75
B»	RNDUP POWERMAX	0.77	LAA 1				
C»	COC	1.00	PMV 1				
D»	LIQUID AMS	2.50	PMV 1				
E»	RNDUP POWERMAX	0.77	LAA 12				
F»	LIQUID AMS	2.50	PMV 12				
2A»	AUTUMN SUPER 5	0.016	LAA 1	91	97	94	82
B (G)	2,4-D-ESTER	0.50	LAA 1				
C»	COC	1.00	PMV 1				
D»	LIQUID AMS	2.50	PMV 1				
E»	RNDUP POWERMAX	0.77	LAA 12				
F»	LIQUID AMS	2.50	PMV 12				
3A»	AUTUMN SUPER 5	0.016	LAA 1	94	99	93	71
B»	RNDUP POWERMAX	0.77	LAA 1				
C»	COC	1.00	PMV 1				
D»	LIQUID AMS	2.50	PMV 1				
E»	RNDUP POWERMAX	0.77	LAA 12				
F»	LIQUID AMS	2.50	PMV 12				
4A»	AUTUMN SUPER 5	0.016	LAA 1	99	99	94	79
B	SENCOR 75WG	0.28	LAA 1				
C»	RNDUP POWERMAX	0.77	LAA 1				
D»	COC	1.00	PMV 1				
E»	LIQUID AMS	2.50	PMV 1				
F»	RNDUP POWERMAX	0.77	LAA 12				
G»	LIQUID AMS	2.50	PMV 12				
5A	CANOPY EX	1.85	OMA 0	92	95	90	73
B	CLASSIC 25WG	0.026	LAA 1				
C»	EXPRESS 50SG	0.0078	LAA 1				
D (G)	2,4-D-ESTER	0.50	LAA 1				
E»	COC	1.00	PMV 1				
F»	LIQUID AMS	2.50	PMV 1				
G»	RNDUP POWERMAX	0.77	LAA 12				
H»	LIQUID AMS	2.50	PMV 12				
6A	CANOPY 75WG	0.188	LAA 1	99	99	94	72
B»	RNDUP POWERMAX	0.77	LAA 1				
C (G)	2,4-D-ESTER	0.50	LAA 1				
D»	COC	1.00	PMV 1				
E»	LIQUID AMS	2.50	PMV 1				
F»	RNDUP POWERMAX	0.77	LAA 12				
G»	LIQUID AMS	2.50	PMV 12				
7A»	AUTHORITY XL 7	0.14	LAA 1	99	99	99	90
B»	RNDUP POWERMAX	0.77	LAA 1				
C»	RAGE D-TECH 4L	0.38	LAA 1				
D»	LIQUID AMS	2.50	PMV 1				
E»	RNDUP POWERMAX	0.77	LAA 12				
F»	LIQUID AMS	2.50	PMV 12				
8A»	AUTHORITY XL 7	0.175	LAA 1	97	99	98	88
B»	RNDUP POWERMAX	0.77	LAA 1				
C»	RAGE D-TECH 4L	0.38	LAA 1				
D»	LIQUID AMS	2.50	PMV 1				
E»	RNDUP POWERMAX	0.77	LAA 12				
F»	LIQUID AMS	2.50	PMV 12				
9A»	AUTHORITY XL 7	0.197	LAA 1	99	99	99	94
B»	RNDUP POWERMAX	0.77	LAA 1				
C»	RAGE D-TECH 4L	0.38	LAA 1				
D»	LIQUID AMS	2.50	PMV 1				
E»	RNDUP POWERMAX	0.77	LAA 12				
F»	LIQUID AMS	2.50	PMV 12				

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300

TRT	TREATMENT	DOSAGE		ERICA	CHEAL	SETFA	PHBPU	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	
				08/04/11	08/04/11	08/04/11	08/04/11	
10A	»VALOR XLT 40WG	0.075	LAA	0	99	99	99	90
	B CLASSIC 25WG	0.019	LAA	1				
	C VALOR 51WG	0.056	LAA	1				
	D»KIH-485 85WG	0.19	LAA	1				
	E»RNDUP POWERMAX	0.77	LAA	1				
	F (G)2,4-D-ESTER	0.50	LAA	1				
	G»LIQUID AMS	2.50	PMV	1				
	H»RNDUP POWERMAX	0.77	LAA	12				
	I»LIQUID AMS	2.50	PMV	12				
11A	CHECK	0.00	NA	0	0	0	0	0
12A	CANOPY EX	1.10	OMA	0	99	99	91	75
	B CLASSIC 25WG	0.016	LAA	1				
	C»EXPRESS 50SG	0.0047	LAA	1				
	D»RNDUP POWERMAX	0.77	LAA	1				
	E (G)2,4-D-ESTER	0.50	LAA	1				
	F»LIQUID AMS	2.50	PMV	1				
	G»RNDUP POWERMAX	0.77	LAA	12				
	H»LIQUID AMS	2.50	PMV	12				
13A	BASIS (75WG)	0.014	LAA	1	98	95	86	60
	B»SHARPEN 2.85L	0.022	LAA	1				
	C»RNDUP POWERMAX	0.77	LAA	1				
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»LIQUID AMS	2.50	PMV	1				
	F»RNDUP POWERMAX	0.77	LAA	12				
	G»LIQUID AMS	2.50	PMV	12				
14A	BASIS (75WG)	0.014	LAA	1	99	99	95	67
	B»SHARPEN 2.85L	0.022	LAA	1				
	C»KIH-485 85WG	0.19	LAA	1				
	D»RNDUP POWERMAX	0.77	LAA	1				
	E (G)2,4-D-ESTER	0.50	LAA	1				
	F»LIQUID AMS	2.50	PMV	1				
	G»RNDUP POWERMAX	0.77	LAA	12				
	H»LIQUID AMS	2.50	PMV	12				
15A	»RNDUP POWERMAX	0.77	LAA	1	99	99	91	68
	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				
LSD (0.05)					7.87	2.68	5.53	10.87
STANDARD DEVIATION					3.84	1.31	2.70	5.31

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

01 = ----- / FALL APPL'D 11/09/2010(1)

12 = ----- / POST 07/05/2011(2)

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 %	03/30/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	03/30/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PRIVU	CON %	03/30/2011	04	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	03/30/2011	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	STEME	CON %	04/29/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	LAMAM	CON %	04/29/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PRIVU	CON %	04/29/2011	04	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ERICA	CON %	04/29/2011	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	04/29/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	STEME	CON %	05/31/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	LAMAM	CON %	05/31/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PRIVU	CON %	05/31/2011	04	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ERICA	CON %	05/31/2011	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	05/31/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	06/12/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Fall-applied Herbicide Programs for Weed Control in No-till Soybean. C-300

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
016	STEME	CON %	06/12/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	LAMAM	CON %	06/12/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PRIVU	CON %	06/12/2011	04	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ERICA	CON %	06/12/2011	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	06/12/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	GLXMA	CON %	08/04/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	STEME	CON %	08/04/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	LAMAM	CON %	08/04/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	PRIVU	CON %	08/04/2011	04	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ERICA	CON %	08/04/2011	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	CHEAL	CON %	08/04/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	SETFA	CON %	08/04/2011	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	PHBPU	CON %	08/04/2011	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3431RR