

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	05/09/09	06/17/09	AME
AIR TEMPERATURE	61	80	F
% REL.HUMIDITY	52	68	
WIND DIRECTION	WEST	WEST	
WIND SPEED	9.0	8.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	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		
*** PEST ***			
LAMBSQUARTERS, C	---/14 0.50/0.50	---/19 1.00/3.00	IN
HORSEWEED / MARE	---/19 2.00/4.00	---/19 3.00/6.00	IN
SOYBEAN		---/11 4.00/4.00	IN
HENBIT	---/19 1.00/4.00	---/19 3.00/6.00	IN
PRIMROSE, COMMON	---/19 2.00/14.0	---/19 6.00/18.0	IN
FOXTAIL, GIANT	---/11 1.00/1.00	---/15 2.00/6.00	IN
CHICKWEED, COMMO	---/19 1.00/3.00	---/19 3.00/5.00	IN
DANDELION, COMMO	---/19 2.00/4.00	---/19 3.00/5.00	IN

* TIMING CODES

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

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 11 = FIRST LEAF UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control in No-till Soybean I. C-300

CREATED: 04/22/2009 REVISED: 10/15/2009

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	STEME	PRIVU	ERICA	LAMAM	TAROF	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					05/14/09	05/14/09	05/14/09	05/14/09		
1A»	RNDUP POWERMAX	0.77	LAA	5	70	50	77	72	62	65
B»	ACTIVATOR 90	0.25	PMV	5						
C»	LIQUID AMS	5.00	PMV	5						
D»	RNDUP POWERMAX	0.77	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
2A»	RNDUP POWERMAX	0.77	LAA	5	78	78	87	85	78	80
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	ACTIVATOR 90	0.25	PMV	5						
D»	LIQUID AMS	5.00	PMV	5						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
3A»	SHARPEN 2.85L	0.022	LAA	5	94	96	97	98	95	99
B»	RNDUP POWERMAX	0.77	LAA	5						
C»	MSO	1.00	PMV	5						
D»	LIQUID AMS	5.00	PMV	5						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
4A»	OPTILL 68WG	0.085	LAA	5	97	98	99	98	97	99
B»	RNDUP POWERMAX	0.77	LAA	5						
C»	MSO	1.00	PMV	5						
D»	LIQUID AMS	5.00	PMV	5						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
5A»	SHARPEN 2.85L	0.022	LAA	5	97	99	99	98	96	99
B EXTREME 2.17SL		0.81	LAA	5						
C»	MSO	1.00	PMV	5						
D»	LIQUID AMS	5.00	PMV	5						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
6A»	SHARPEN 2.85L	0.022	LAA	5	96	95	96	94	93	98
B PROWL H2O 3.8		0.95	LAA	5						
C»	RNDUP POWERMAX	0.77	LAA	5						
D»	MSO	1.00	PMV	5						
E»	LIQUID AMS	5.00	PMV	5						
F»	RNDUP POWERMAX	0.77	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
7A»	SHARPEN 2.85L	0.022	LAA	5	96	97	98	98	97	99
B VALOR 51WG		0.064	LAA	5						
C»	RNDUP POWERMAX	0.77	LAA	5						
D»	MSO	1.00	PMV	5						
E»	LIQUID AMS	5.00	PMV	5						
F»	RNDUP POWERMAX	0.77	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
8A»	IGNITE 2.33SL	0.40	LAA	5	88	88	92	93	91	90
B»	LIQUID AMS	2.50	PMV	5						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
9A»	IGNITE 2.33SL	0.53	LAA	5	93	94	96	96	94	97
B»	LIQUID AMS	2.50	PMV	5						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
10A»	IGNITE 2.33SL	0.53	LAA	5	89	95	96	94	94	97
B (G)2,4-D-ESTER		0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	RNDUP POWERMAX	0.77	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control in No-till Soybean I. C-300

TRT	TREATMENT	DOSAGE		STEME	PRIVU	ERICA	LAMAM	TAROF	CHEAL	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	
11A	»IGNITE 2.33SL	0.53	LAA	5	96	93	96	90	89	95
	B»VALOR XLT 40WG	0.075	LAA	0						
	C CLASSIC 25WG	0.019	LAA	5						
	D VALOR 51WG	0.056	LAA	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
12A	»IGNITE 2.33SL	0.53	LAA	5	97	96	98	98	95	99
	B»OPTILL 68WG	0.085	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
13A	»IGNITE 2.33SL	0.40	LAA	5	97	93	97	98	94	99
	B»RNDUP POWERMAX	0.77	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
14A	»GRAMOX INTEON	0.63	LAA	5	99	94	93	97	89	98
	B»ACTIVATOR 90	0.25	PMV	5						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A	»RAGE D-TECH 4L	0.375	LAA	5	92	98	96	98	96	99
	B»AUTHOR. ASSIST	0.156	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	2.50	PMV	5						
	E»TOUCHDN TOTAL	0.78	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
17A	»PREFIX 5.32SL	1.33	LAA	5	81	89	89	93	79	94
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»TOUCHDN TOTAL	0.78	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
	E»TOUCHDN TOTAL	0.78	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
18A	CANOPY 75WG	0.188	LAA	5	83	87	90	90	87	93
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»TOUCHDN TOTAL	0.78	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
	E»TOUCHDN TOTAL	0.78	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					3.39	6.28	4.00	4.00	4.37	7.54
STANDARD DEVIATION					1.68	3.11	2.00	2.00	2.16	3.73

TITLE: Weed Control in No-till Soybean I. C-300

CREATED: 04/22/2009 REVISED: 10/15/2009

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	PRIVU	ERICA	LAMAM	TAROF	CHEAL
		RATE	UNIT		CON % 05/26/09	CON % 05/26/09	CON % 05/26/09	CON % 05/26/09	CON % 05/26/09	CON % 05/26/09
1A»	RNDUP POWERMAX	0.77	LAA	5	99	38	96	95	84	96
	B»ACTIVATOR 90	0.25	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
2A»	RNDUP POWERMAX	0.77	LAA	5	99	93	99	99	94	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»ACTIVATOR 90	0.25	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
3A»	SHARPEN 2.85L	0.022	LAA	5	99	98	99	99	97	99
	B»RNDUP POWERMAX	0.77	LAA	5						
	C»MSO	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
4A»	OPTILL 68WG	0.085	LAA	5	99	99	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	5						
	C»MSO	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
5A»	SHARPEN 2.85L	0.022	LAA	5	99	99	99	99	99	99
	B EXTREME 2.17SL	0.81	LAA	5						
	C»MSO	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
6A»	SHARPEN 2.85L	0.022	LAA	5	99	98	99	99	99	99
	B PROWL H2O 3.8	0.95	LAA	5						
	C»RNDUP POWERMAX	0.77	LAA	5						
	D»MSO	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
7A»	SHARPEN 2.85L	0.022	LAA	5	99	98	99	99	99	99
	B VALOR 51WG	0.064	LAA	5						
	C»RNDUP POWERMAX	0.77	LAA	5						
	D»MSO	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
8A»	IGNITE 2.33SL	0.40	LAA	5	94	91	99	97	94	99
	B»LIQUID AMS	2.50	PMV	5						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	IGNITE 2.33SL	0.53	LAA	5	98	96	99	99	97	99
	B»LIQUID AMS	2.50	PMV	5						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A»	IGNITE 2.33SL	0.53	LAA	5	99	98	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control in No-till Soybean I. C-300

TRT	TREATMENT	DOSAGE		STEME	PRIVU	ERICA	LAMAM	TAROF	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/26/09	05/26/09	05/26/09	05/26/09	05/26/09
11A	»IGNITE 2.33SL	0.53	LAA	5	98	97	99	99	99
	B»VALOR XLT 40WG	0.075	LAA	0					
	C CLASSIC 25WG	0.019	LAA	5					
	D VALOR 51WG	0.056	LAA	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»RNDUP POWERMAX	0.77	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
12A	»IGNITE 2.33SL	0.53	LAA	5	99	98	99	99	99
	B»OPTILL 68WG	0.085	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP POWERMAX	0.77	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
13A	»IGNITE 2.33SL	0.40	LAA	5	99	94	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP POWERMAX	0.77	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
14A	»GRAMOX INTEON	0.63	LAA	5	98	77	99	99	99
	B»ACTIVATOR 90	0.25	PMV	5					
	C»RNDUP POWERMAX	0.77	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
15A	CHECK	0.00	NA	0	0	0	0	0	0
16A	»RAGE D-TECH 4L	0.375	LAA	5	99	99	99	99	99
	B»AUTHOR. ASSIST	0.156	LAA	5					
	C»COC	1.00	PMV	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»TOUCHDN TOTAL	0.78	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
17A	»PREFIX 5.32SL	1.33	LAA	5	99	95	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»TOUCHDN TOTAL	0.78	LAA	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»TOUCHDN TOTAL	0.78	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
18A	CANOPY 75WG	0.188	LAA	5	98	95	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»TOUCHDN TOTAL	0.78	LAA	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»TOUCHDN TOTAL	0.78	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
LSD (0.05)					1.66	4.88	0.449	1.12	0.449
STANDARD DEVIATION					0.819	2.41	0.222	0.552	0.222

TITLE: Weed Control in No-till Soybean I. C-300
CREATED: 04/22/2009 **REVISED:** 10/15/2009 **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	GLXMA	STEME	PRIVU	ERICA	LAMAM	TAROF
		RATE	UNIT		CON % 06/17/09	CON % 06/17/09	CON % 06/17/09	CON % 06/17/09	CON % 06/17/09	CON % 06/17/09
1A»	RNDUP POWERMAX	0.77	LAA	5	0	99	62	70	75	68
	B»ACTIVATOR 90	0.25	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
2A»	RNDUP POWERMAX	0.77	LAA	5	0	99	96	88	97	89
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»ACTIVATOR 90	0.25	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
3A»	SHARPEN 2.85L	0.022	LAA	5	0	99	99	99	99	92
	B»RNDUP POWERMAX	0.77	LAA	5						
	C»MSO	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
4A»	OPTILL 68WG	0.085	LAA	5	0	99	99	99	99	96
	B»RNDUP POWERMAX	0.77	LAA	5						
	C»MSO	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
5A»	SHARPEN 2.85L	0.022	LAA	5	0	99	99	99	99	98
	B EXTREME 2.17SL	0.81	LAA	5						
	C»MSO	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
6A»	SHARPEN 2.85L	0.022	LAA	5	0	99	95	94	98	90
	B PROWL H2O 3.8	0.95	LAA	5						
	C»RNDUP POWERMAX	0.77	LAA	5						
	D»MSO	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
7A»	SHARPEN 2.85L	0.022	LAA	5	0	99	96	99	99	98
	B VALOR 51WG	0.064	LAA	5						
	C»RNDUP POWERMAX	0.77	LAA	5						
	D»MSO	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
	F»RNDUP POWERMAX	0.77	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
8A»	IGNITE 2.33SL	0.40	LAA	5	0	99	89	92	77	83
	B»LIQUID AMS	2.50	PMV	5						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	IGNITE 2.33SL	0.53	LAA	5	0	99	96	95	89	86
	B»LIQUID AMS	2.50	PMV	5						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A»	IGNITE 2.33SL	0.53	LAA	5	0	99	99	94	98	93
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control in No-till Soybean I. C-300

TRT	TREATMENT	DOSAGE	GLXMA	STEME	PRIVU	ERICA	LAMAM	TAROF
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/17/09	06/17/09	06/17/09	06/17/09
11A	»IGNITE 2.33SL	0.53	LAA	5	0	99	99	99
	B»VALOR XLT 40WG	0.075	LAA	0				92
	C CLASSIC 25WG	0.019	LAA	5				
	D VALOR 51WG	0.056	LAA	5				
	E»LIQUID AMS	2.50	PMV	5				
	F»RNDUP POWERMAX	0.77	LAA	12				
	G»LIQUID AMS	2.50	PMV	12				
12A	»IGNITE 2.33SL	0.53	LAA	5	0	99	99	98
	B»OPTILL 68WG	0.085	LAA	5				99
	C»LIQUID AMS	2.50	PMV	5				95
	D»RNDUP POWERMAX	0.77	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
13A	»IGNITE 2.33SL	0.40	LAA	5	0	99	81	86
	B»RNDUP POWERMAX	0.77	LAA	5				84
	C»LIQUID AMS	2.50	PMV	5				83
	D»RNDUP POWERMAX	0.77	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
14A	»GRAMOX INTEON	0.63	LAA	5	0	97	43	68
	B»ACTIVATOR 90	0.25	PMV	5				50
	C»RNDUP POWERMAX	0.77	LAA	12				40
	D»LIQUID AMS	2.50	PMV	12				
15A	CHECK	0.00	NA	0	0	0	0	0
16A	»RAGE D-TECH 4L	0.375	LAA	5	0	99	99	94
	B»AUTHOR. ASSIST	0.156	LAA	5				99
	C»COC	1.00	PMV	5				88
	D»LIQUID AMS	2.50	PMV	5				
	E»TOUCHDN TOTAL	0.78	LAA	12				
	F»LIQUID AMS	2.50	PMV	12				
17A	»PREFIX 5.32SL	1.33	LAA	5	0	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5				99
	C»TOUCHDN TOTAL	0.78	LAA	5				93
	D»LIQUID AMS	2.50	PMV	5				
	E»TOUCHDN TOTAL	0.78	LAA	12				
	F»LIQUID AMS	2.50	PMV	12				
18A	CANOPY 75WG	0.188	LAA	5	0	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5				99
	C»TOUCHDN TOTAL	0.78	LAA	5				93
	D»LIQUID AMS	2.50	PMV	5				
	E»TOUCHDN TOTAL	0.78	LAA	12				
	F»LIQUID AMS	2.50	PMV	12				
LSD (0.05)					0.00	1.35	6.49	7.33
STANDARD DEVIATION					0.00	0.667	3.21	3.63
							5.41	6.32
							2.68	3.13

TITLE: Weed Control in No-till Soybean I. C-300

CREATED: 04/22/2009 REVISED: 10/15/2009

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		CHEAL	SETFA	GLXMA	STEME	PRIVU	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/17/09	06/17/09	07/15/09	07/15/09	07/15/09
1A»	RNDUP POWERMAX	0.77	LAA	5	62	25	0	99	85
	B»ACTIVATOR 90	0.25	PMV	5					
	C»LIQUID AMS	5.00	PMV	5					
	D»RNDUP POWERMAX	0.77	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
2A»	RNDUP POWERMAX	0.77	LAA	5	77	33	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»ACTIVATOR 90	0.25	PMV	5					
	D»LIQUID AMS	5.00	PMV	5					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
3A»	SHARPEN 2.85L	0.022	LAA	5	99	33	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	5					
	C»MSO	1.00	PMV	5					
	D»LIQUID AMS	5.00	PMV	5					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
4A»	OPTILL 68WG	0.085	LAA	5	99	78	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	5					
	C»MSO	1.00	PMV	5					
	D»LIQUID AMS	5.00	PMV	5					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
5A»	SHARPEN 2.85L	0.022	LAA	5	99	78	0	99	99
	B EXTREME 2.17SL	0.81	LAA	5					
	C»MSO	1.00	PMV	5					
	D»LIQUID AMS	5.00	PMV	5					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
6A»	SHARPEN 2.85L	0.022	LAA	5	96	72	0	99	98
	B PROWL H2O 3.8	0.95	LAA	5					
	C»RNDUP POWERMAX	0.77	LAA	5					
	D»MSO	1.00	PMV	5					
	E»LIQUID AMS	5.00	PMV	5					
	F»RNDUP POWERMAX	0.77	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
7A»	SHARPEN 2.85L	0.022	LAA	5	99	53	0	99	98
	B VALOR 51WG	0.064	LAA	5					
	C»RNDUP POWERMAX	0.77	LAA	5					
	D»MSO	1.00	PMV	5					
	E»LIQUID AMS	5.00	PMV	5					
	F»RNDUP POWERMAX	0.77	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
8A»	IGNITE 2.33SL	0.40	LAA	5	67	30	0	99	93
	B»LIQUID AMS	2.50	PMV	5					
	C»RNDUP POWERMAX	0.77	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
9A»	IGNITE 2.33SL	0.53	LAA	5	72	37	0	99	92
	B»LIQUID AMS	2.50	PMV	5					
	C»RNDUP POWERMAX	0.77	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
10A»	IGNITE 2.33SL	0.53	LAA	5	84	43	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP POWERMAX	0.77	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					

TITLE: Weed Control in No-till Soybean I. C-300

TRT	TREATMENT	DOSAGE		CHEAL	SETFA	GLXMA	STEME	PRIVU	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/17/09	06/17/09	07/15/09	07/15/09	07/15/09
11A»	IGNITE 2.33SL	0.53	LAA	5	99	73	0	99	96
	B»VALOR XLT 40WG	0.075	LAA	0					99
	C CLASSIC 25WG	0.019	LAA	5					
	D VALOR 51WG	0.056	LAA	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»RNDUP POWERMAX	0.77	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
12A»	IGNITE 2.33SL	0.53	LAA	5	99	78	0	99	96
	B»OPTILL 68WG	0.085	LAA	5					99
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP POWERMAX	0.77	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
13A»	IGNITE 2.33SL	0.40	LAA	5	65	40	0	99	91
	B»RNDUP POWERMAX	0.77	LAA	5					97
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP POWERMAX	0.77	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
14A»	GRAMOX INTEON	0.63	LAA	5	65	30	0	99	63
	B»ACTIVATOR 90	0.25	PMV	5					81
	C»RNDUP POWERMAX	0.77	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
15A	CHECK	0.00	NA	0	0	0	0	0	0
16A»	RAGE D-TECH 4L	0.375	LAA	5	79	43	0	99	99
	B»AUTHOR. ASSIST	0.156	LAA	5					99
	C»COC	1.00	PMV	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»TOUCHDN TOTAL	0.78	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
17A»	PREFIX 5.32SL	1.33	LAA	5	99	62	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					99
	C»TOUCHDN TOTAL	0.78	LAA	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»TOUCHDN TOTAL	0.78	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
18A	CANOPY 75WG	0.188	LAA	5	99	47	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					99
	C»TOUCHDN TOTAL	0.78	LAA	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»TOUCHDN TOTAL	0.78	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
LSD (0.05)					9.73	12.17	0.00	0.00	6.27
STANDARD DEVIATION					4.81	6.00	0.00	0.00	3.10
									3.85
									1.90

TITLE: Weed Control in No-till Soybean I. C-300
CREATED: 04/22/2009 **REVISED:** 10/15/2009 **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			LAMAM	TAROF	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/15/09	07/15/09	07/15/09	07/15/09
1A»	RNDUP POWERMAX	0.77	LAA	5	99	83	99	57
B»	ACTIVATOR 90	0.25	PMV	5				
C»	LIQUID AMS	5.00	PMV	5				
D»	RNDUP POWERMAX	0.77	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
2A»	RNDUP POWERMAX	0.77	LAA	5	99	94	99	65
B	(G)2,4-D-ESTER	0.50	LAA	5				
C»	ACTIVATOR 90	0.25	PMV	5				
D»	LIQUID AMS	5.00	PMV	5				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
3A»	SHARPEN 2.85L	0.022	LAA	5	99	93	99	78
B»	RNDUP POWERMAX	0.77	LAA	5				
C»	MSO	1.00	PMV	5				
D»	LIQUID AMS	5.00	PMV	5				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
4A»	OPTILL 68WG	0.085	LAA	5	99	92	99	83
B»	RNDUP POWERMAX	0.77	LAA	5				
C»	MSO	1.00	PMV	5				
D»	LIQUID AMS	5.00	PMV	5				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
5A»	SHARPEN 2.85L	0.022	LAA	5	99	96	99	84
B	EXTREME 2.17SL	0.81	LAA	5				
C»	MSO	1.00	PMV	5				
D»	LIQUID AMS	5.00	PMV	5				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
6A»	SHARPEN 2.85L	0.022	LAA	5	99	91	99	77
B	PROWL H2O 3.8	0.95	LAA	5				
C»	RNDUP POWERMAX	0.77	LAA	5				
D»	MSO	1.00	PMV	5				
E»	LIQUID AMS	5.00	PMV	5				
F»	RNDUP POWERMAX	0.77	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
7A»	SHARPEN 2.85L	0.022	LAA	5	99	93	99	79
B	VALOR 51WG	0.064	LAA	5				
C»	RNDUP POWERMAX	0.77	LAA	5				
D»	MSO	1.00	PMV	5				
E»	LIQUID AMS	5.00	PMV	5				
F»	RNDUP POWERMAX	0.77	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
8A»	IGNITE 2.33SL	0.40	LAA	5	99	90	99	75
B»	LIQUID AMS	2.50	PMV	5				
C»	RNDUP POWERMAX	0.77	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
9A»	IGNITE 2.33SL	0.53	LAA	5	99	93	99	78
B»	LIQUID AMS	2.50	PMV	5				
C»	RNDUP POWERMAX	0.77	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
10A»	IGNITE 2.33SL	0.53	LAA	5	99	93	99	83
B	(G)2,4-D-ESTER	0.50	LAA	5				
C»	LIQUID AMS	2.50	PMV	5				
D»	RNDUP POWERMAX	0.77	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				

TITLE: Weed Control in No-till Soybean I. C-300

TRT	TREATMENT	DOSAGE	LAMAM	TAROF	CHEAL	SETFA
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %
		UNIT	TM	07/15/09	07/15/09	07/15/09
11A	IGNITE 2.33SL	0.53	LAA 5	99	93	99
	B»VALOR XLT 40WG	0.075	LAA 0			73
	C CLASSIC 25WG	0.019	LAA 5			
	D VALOR 51WG	0.056	LAA 5			
	E»LIQUID AMS	2.50	PMV 5			
	F»RNDUP POWERMAX	0.77	LAA 12			
	G»LIQUID AMS	2.50	PMV 12			
12A	IGNITE 2.33SL	0.53	LAA 5	99	95	99
	B»OPTILL 68WG	0.085	LAA 5			90
	C»LIQUID AMS	2.50	PMV 5			
	D»RNDUP POWERMAX	0.77	LAA 12			
	E»LIQUID AMS	2.50	PMV 12			
13A	IGNITE 2.33SL	0.40	LAA 5	99	90	99
	B»RNDUP POWERMAX	0.77	LAA 5			82
	C»LIQUID AMS	2.50	PMV 5			
	D»RNDUP POWERMAX	0.77	LAA 12			
	E»LIQUID AMS	2.50	PMV 12			
14A	GRAMOX INTEON	0.63	LAA 5	99	73	89
	B»ACTIVATOR 90	0.25	PMV 5			63
	C»RNDUP POWERMAX	0.77	LAA 12			
	D»LIQUID AMS	2.50	PMV 12			
15A	CHECK	0.00	NA 0	0	0	0
16A	RAGE D-TECH 4L	0.375	LAA 5	99	95	99
	B»AUTHOR. ASSIST	0.156	LAA 5			77
	C»COC	1.00	PMV 5			
	D»LIQUID AMS	2.50	PMV 5			
	E»TOUCHDN TOTAL	0.78	LAA 12			
	F»LIQUID AMS	2.50	PMV 12			
17A	PREFIX 5.32SL	1.33	LAA 5	99	94	98
	B (G)2,4-D-ESTER	0.50	LAA 5			77
	C»TOUCHDN TOTAL	0.78	LAA 5			
	D»LIQUID AMS	2.50	PMV 5			
	E»TOUCHDN TOTAL	0.78	LAA 12			
	F»LIQUID AMS	2.50	PMV 12			
18A	CANOPY 75WG	0.188	LAA 5	99	94	99
	B (G)2,4-D-ESTER	0.50	LAA 5			82
	C»TOUCHDN TOTAL	0.78	LAA 5			
	D»LIQUID AMS	2.50	PMV 5			
	E»TOUCHDN TOTAL	0.78	LAA 12			
	F»LIQUID AMS	2.50	PMV 12			
LSD (0.05)				0.00	4.31	6.60
STANDARD DEVIATION				0.00	2.13	3.27
					8.83	4.37

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15 DBP 05/09/2009(1)

12 = ----- / POST 06/17/2009(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 %	05/14/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PRIVU	CON %	05/14/2009	03	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/14/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	LAMAM	CON %	05/14/2009	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	TAROF	CON %	05/14/2009	06	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	05/14/2009	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	05/26/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PRIVU	CON %	05/26/2009	03	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ERICA	CON %	05/26/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	05/26/2009	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	TAROF	CON %	05/26/2009	06	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control in No-till Soybean I. C-300

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
012	CHEAL	CON %	05/26/2009	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	06/17/2009	01	P	GLXMA	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	STEME	CON %	06/17/2009	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PRIVU	CON %	06/17/2009	03	P	PRIVU	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ERICA	CON %	06/17/2009	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	LAMAM	CON %	06/17/2009	05	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	TAROF	CON %	06/17/2009	06	P	TAROF	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	06/17/2009	07	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	06/17/2009	08	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	GLXMA	CON %	07/15/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	STEME	CON %	07/15/2009	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PRIVU	CON %	07/15/2009	03	P	PRIVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ERICA	CON %	07/15/2009	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	LAMAM	CON %	07/15/2009	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	TAROF	CON %	07/15/2009	06	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	CHEAL	CON %	07/15/2009	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	SETFA	CON %	07/15/2009	08	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* STAGE CODE

11 = FIRST LEAF UNFOLDED

15 = 5 LEAVES UNFOLDED

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