

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	05/07/07	06/15/07	AME
AIR TEMPERATURE	80	90	F
% REL.HUMIDITY	40	30	
WIND DIRECTION	SOUTHEAST	EAST	
WIND SPEED	7.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	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	
SCREEN SIZE	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	
ASGROW 3006		6.00/6.00	IN
05/17/2007			
*** PEST ***			
RAGWEED, COMMON	---/11 1.00/1.00	---/15 3.00/6.00	IN
LAMBSQUARTERS, C	---/19 1.00/2.00	---/19 2.00/4.00	IN
HORSEWEED / MARE	---/19 1.00/2.00	---/19 2.00/4.00	IN
MORNINGGLORY, IV	---/10 0.50/0.50	---/18 1.00/3.00	IN
HENBIT	---/19 1.00/3.00	---/19 4.00/6.00	IN
FOXTAIL, GIANT	---/00 /	---/15 3.00/6.00	IN
CHICKWEED, COMMO	---/19 1.00/3.00	---/19 3.00/5.00	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

*** STAGE CODE**

15	= 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15	= 5 LEAVES UNFOLDED
18	= 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19	= >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Burndown combinations for weed control in no-till soybean. C-300
CREATED: 04/06/2007 **REVISED:** 09/13/2007 **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	CHEAL	AMBEL	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/22/07	05/22/07	05/22/07	05/22/07	05/22/07
1A»	RDUP ORIG MAX	0.75	LAA	5	99	98	93	92	97
B»	LIQUID AMS	5.00	PMV	5					91
2A»	RDUP ORIG MAX	0.75	LAA	5	99	98	96	98	95
B	VALOR 51WG	0.064	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
3A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	97
B	VALOR 51WG	0.064	LAA	5					
C	(G)2,4-D-ESTER	0.50	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
4A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	97
B	VALOR 51WG	0.064	LAA	5					
C	CLARITY	0.25	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
5A»	RDUP ORIG MAX	1.12	LAA	5	99	96	98	98	91
B»	LIQUID AMS	5.00	PMV	5					
6A»	RDUP ORIG MAX	1.12	LAA	5	99	99	99	99	96
B	VALOR 51WG	0.064	LAA	5					
C»	LIQUID AMS	5.00	PMV	5					
7A»	RDUP ORIG MAX	1.12	LAA	5	99	99	99	99	96
B	VALOR 51WG	0.064	LAA	5					
C	(G)2,4-D-ESTER	0.50	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
8A»	RDUP ORIG MAX	1.12	LAA	5	99	99	99	99	97
B	VALOR 51WG	0.064	LAA	5					
C	CLARITY	0.25	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
9A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	98
B»	INTRRO 4EC	2.00	LAA	5					
C	(G)2,4-D-ESTER	0.50	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
10A»	RDUP ORIG MAX	0.75	LAA	5	99	99	98	99	98
B	PROWL H2O 3.8	0.95	LAA	5					
C	(G)2,4-D-ESTER	0.50	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
11A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	99
B»	AUTHOR. FIRST	0.141	LAA	5					
C	(G)2,4-D-ESTER	0.50	LAA	5					
D»	LIQUID AMS	5.00	PMV	5					
12A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	98	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	5.00	PMV	5					
13A»	RDUP ORIG MAX	0.75	LAA	5	99	99	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	(G)2,4-D-ESTER	0.50	LAA	5					
F»	LIQUID AMS	5.00	PMV	5					
14A»	GRAMOX INTEON	0.75	LAA	5	99	99	98	98	94
B	(G)2,4-D-ESTER	0.50	LAA	5					
C»	ACTIVATOR 90	0.125	PMV	5					

TRT TREATMENT		DOSAGE		STEME	LAMAM	ERICA	CHEAL	AMBEL	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/22/07	05/22/07	05/22/07	05/22/07	05/22/07
15A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	98
	B CLASSIC 25WG	0.014	LAA	5					
	C»HARMONY GT 50W	0.0046	LAA	5					
	D VALOR 51WG	0.045	LAA	5					
	E (G)2,4-D-ESTER	0.50	LAA	5					
	F»ACTIVATOR 90	0.25	PMV	5					
	G»LIQUID AMS	5.00	PMV	5					
16A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	99
	B CLASSIC 25WG	0.02	LAA	5					
	C»HARMONY GT 50W	0.0065	LAA	5					
	D VALOR 51WG	0.063	LAA	5					
	E (G)2,4-D-ESTER	0.50	LAA	5					
	F»ACTIVATOR 90	0.25	PMV	5					
	G»LIQUID AMS	5.00	PMV	5					
17A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	98
	B CLASSIC 25WG	0.026	LAA	5					
	C»HARMONY GT 50W	0.0083	LAA	5					
	D VALOR 51WG	0.082	LAA	5					
	E (G)2,4-D-ESTER	0.50	LAA	5					
	F»ACTIVATOR 90	0.25	PMV	5					
	G»LIQUID AMS	5.00	PMV	5					
18A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	99
	B CANOPY 75WG	0.106	LAA	5					
	C (G)2,4-D-ESTER	0.50	LAA	5					
	D»ACTIVATOR 90	0.25	PMV	5					
	E»LIQUID AMS	5.00	PMV	5					
19A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	99
	B CANOPY 75WG	0.14	LAA	5					
	C (G)2,4-D-ESTER	0.50	LAA	5					
	D»ACTIVATOR 90	0.25	PMV	5					
	E»LIQUID AMS	5.00	PMV	5					
20A	CHECK	0.00	NA	0	0	0	0	0	0
21A»	BAS 756 5L	1.88	LAA	5	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»ACTIVATOR 90	0.25	PMV	5					
	D»LIQUID AMS	2.50	PMV	5					
22A»	GLYFOS EXTRA 3	0.75	LAA	5	99	99	99	99	90
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»ACTIVATOR 90	0.25	PMV	5					
	D»LIQUID AMS	2.50	PMV	5					
23A»	RDUP ORIG MAX	0.75	LAA	5	99	99	99	99	97
	B»F 8426 4SC	0.25	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
24A»	TOUCHDN TOTAL	0.75	LAA	5	99	99	99	99	93
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»PREFIX 5.32SL	1.33	LAA	5					
	D»LIQUID AMS	2.50	PMV	5					
LSD (0.05)					0.00	1.88	1.10	1.17	0.601
STANDARD DEVIATION					0.00	0.941	0.548	0.585	0.30
					0.00	0.941	0.548	0.585	1.80

TITLE: Burndown combinations for weed control in no-till soybean. C-300
CREATED: 04/06/2007 **REVISED:** 09/13/2007 **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		GLXMA	STEME	LAMAM	ERICA	CHEAL	AMBEL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/05/07	06/05/07	06/05/07	06/05/07	06/05/07	06/05/07
1A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	94	85
B»	LIQUID AMS	5.00	PMV 5						
2A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	99	97
B	VALOR 51WG	0.064	LAA 5						
C»	LIQUID AMS	5.00	PMV 5						
3A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	99	99
B	VALOR 51WG	0.064	LAA 5						
C	(G)2,4-D-ESTER	0.50	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
4A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	99	99
B	VALOR 51WG	0.064	LAA 5						
C	CLARITY	0.25	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
5A»	RDUP ORIG MAX	1.12	LAA 5	0	99	99	99	99	99
B»	LIQUID AMS	5.00	PMV 5						
6A»	RDUP ORIG MAX	1.12	LAA 5	0	99	99	99	99	97
B	VALOR 51WG	0.064	LAA 5						
C»	LIQUID AMS	5.00	PMV 5						
7A»	RDUP ORIG MAX	1.12	LAA 5	0	99	99	99	99	99
B	VALOR 51WG	0.064	LAA 5						
C	(G)2,4-D-ESTER	0.50	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
8A»	RDUP ORIG MAX	1.12	LAA 5	0	99	99	99	99	99
B	VALOR 51WG	0.064	LAA 5						
C	CLARITY	0.25	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
9A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	99	99
B»	INTRRO 4EC	2.00	LAA 5						
C	(G)2,4-D-ESTER	0.50	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
10A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	99	99
B	PROWL H2O 3.8	0.95	LAA 5						
C	(G)2,4-D-ESTER	0.50	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
11A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	99	99	99
B»	AUTHOR. FIRST	0.141	LAA 5						
C	(G)2,4-D-ESTER	0.50	LAA 5						
D»	LIQUID AMS	5.00	PMV 5						
12A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	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	5.00	PMV 5						
13A»	RDUP ORIG MAX	0.75	LAA 5	0	99	99	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	(G)2,4-D-ESTER	0.50	LAA 5						
F»	LIQUID AMS	5.00	PMV 5						
14A»	GRAMOX INTEON	0.75	LAA 5	0	99	99	99	99	99
B	(G)2,4-D-ESTER	0.50	LAA 5						
C»	ACTIVATOR 90	0.125	PMV 5						

TITLE: Burndown combinations for weed control in no-till soybean. C-300

TRT	TREATMENT	DOSAGE	GLXMA	STEME	LAMAM	ERICA	CHEAL	AMBEL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/05/07	06/05/07	06/05/07	06/05/07
15A»	RDUP ORIG MAX	0.75	LAA	5	0	99	99	99
	B CLASSIC 25WG	0.014	LAA	5				
	C»HARMONY GT 50W	0.0046	LAA	5				
	D VALOR 51WG	0.045	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
16A»	RDUP ORIG MAX	0.75	LAA	5	0	99	99	99
	B CLASSIC 25WG	0.02	LAA	5				
	C»HARMONY GT 50W	0.0065	LAA	5				
	D VALOR 51WG	0.063	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
17A»	RDUP ORIG MAX	0.75	LAA	5	0	99	99	99
	B CLASSIC 25WG	0.026	LAA	5				
	C»HARMONY GT 50W	0.0083	LAA	5				
	D VALOR 51WG	0.082	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
18A»	RDUP ORIG MAX	0.75	LAA	5	0	99	99	99
	B CANOPY 75WG	0.106	LAA	5				
	C (G)2,4-D-ESTER	0.50	LAA	5				
	D»ACTIVATOR 90	0.25	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
19A»	RDUP ORIG MAX	0.75	LAA	5	0	99	99	99
	B CANOPY 75WG	0.14	LAA	5				
	C (G)2,4-D-ESTER	0.50	LAA	5				
	D»ACTIVATOR 90	0.25	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
20A	CHECK	0.00	NA	0	0	0	0	0
21A»	BAS 756 5L	1.88	LAA	5	0	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5				
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	2.50	PMV	5				
22A»	GLYFOS EXTRA 3	0.75	LAA	5	0	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5				
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	2.50	PMV	5				
23A»	RDUP ORIG MAX	0.75	LAA	5	0	99	99	99
	B»F 8426 4SC	0.25	LAA	5				
	C»LIQUID AMS	2.50	PMV	5				
24A»	TOUCHDN TOTAL	0.75	LAA	5	0	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5				
	C»PREFIX 5.32SL	1.33	LAA	5				
	D»LIQUID AMS	2.50	PMV	5				
LSD (0.05)					0.00	0.00	0.00	0.00
STANDARD DEVIATION					0.00	0.00	0.00	0.00
							1.53	2.24
							0.764	1.12

TITLE: Burndown combinations for weed control in no-till soybean. C-300
CREATED: 04/06/2007 **REVISED:** 09/13/2007 **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 RATE	UNIT	TM	SETFA CON % 06/05/07	IPOHE CON % 06/05/07	GLXMA CON % 07/13/07	STEME CON % 07/13/07	LAMAM CON % 07/13/07	ERICA CON % 07/13/07
1A»	RDUP ORIG MAX	0.75	LAA	5	43	20	0	99	99	99
B»	LIQUID AMS	5.00	PMV	5						
2A»	RDUP ORIG MAX	0.75	LAA	5	72	47	0	99	99	99
B	VALOR 51WG	0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
3A»	RDUP ORIG MAX	0.75	LAA	5	83	72	0	99	99	99
B	VALOR 51WG	0.064	LAA	5						
C	(G)2,4-D-ESTER	0.50	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
4A»	RDUP ORIG MAX	0.75	LAA	5	78	48	0	99	99	99
B	VALOR 51WG	0.064	LAA	5						
C	CLARITY	0.25	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
5A»	RDUP ORIG MAX	1.12	LAA	5	80	35	0	99	99	99
B»	LIQUID AMS	5.00	PMV	5						
6A»	RDUP ORIG MAX	1.12	LAA	5	73	53	0	99	99	99
B	VALOR 51WG	0.064	LAA	5						
C»	LIQUID AMS	5.00	PMV	5						
7A»	RDUP ORIG MAX	1.12	LAA	5	77	70	0	99	99	99
B	VALOR 51WG	0.064	LAA	5						
C	(G)2,4-D-ESTER	0.50	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
8A»	RDUP ORIG MAX	1.12	LAA	5	79	58	0	99	99	99
B	VALOR 51WG	0.064	LAA	5						
C	CLARITY	0.25	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
9A»	RDUP ORIG MAX	0.75	LAA	5	92	50	0	99	99	99
B»	INTRRO 4EC	2.00	LAA	5						
C	(G)2,4-D-ESTER	0.50	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
10A»	RDUP ORIG MAX	0.75	LAA	5	79	52	0	99	99	99
B	PROWL H2O 3.8	0.95	LAA	5						
C	(G)2,4-D-ESTER	0.50	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
11A»	RDUP ORIG MAX	0.75	LAA	5	82	65	0	99	99	99
B»	AUTHOR. FIRST	0.141	LAA	5						
C	(G)2,4-D-ESTER	0.50	LAA	5						
D»	LIQUID AMS	5.00	PMV	5						
12A»	RDUP ORIG MAX	0.75	LAA	5	83	57	0	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	5.00	PMV	5						
13A»	RDUP ORIG MAX	0.75	LAA	5	84	72	0	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	(G)2,4-D-ESTER	0.50	LAA	5						
F»	LIQUID AMS	5.00	PMV	5						
14A»	GRAMOX INTEON	0.75	LAA	5	57	43	0	99	99	99
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	ACTIVATOR 90	0.125	PMV	5						

TITLE: Burndown combinations for weed control in no-till soybean. C-300

TRT	TREATMENT	DOSAGE	SETFA	IPOHE	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/05/07	06/05/07	07/13/07	07/13/07
15A»	RDUP ORIG MAX	0.75	LAA	5	79	78	0	99
	B CLASSIC 25WG	0.014	LAA	5				99
	C»HARMONY GT 50W	0.0046	LAA	5				
	D VALOR 51WG	0.045	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
16A»	RDUP ORIG MAX	0.75	LAA	5	85	79	0	99
	B CLASSIC 25WG	0.02	LAA	5				99
	C»HARMONY GT 50W	0.0065	LAA	5				
	D VALOR 51WG	0.063	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
17A»	RDUP ORIG MAX	0.75	LAA	5	85	83	0	99
	B CLASSIC 25WG	0.026	LAA	5				99
	C»HARMONY GT 50W	0.0083	LAA	5				
	D VALOR 51WG	0.082	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
18A»	RDUP ORIG MAX	0.75	LAA	5	81	62	0	99
	B CANOPY 75WG	0.106	LAA	5				99
	C (G)2,4-D-ESTER	0.50	LAA	5				
	D»ACTIVATOR 90	0.25	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
19A»	RDUP ORIG MAX	0.75	LAA	5	70	70	0	99
	B CANOPY 75WG	0.14	LAA	5				99
	C (G)2,4-D-ESTER	0.50	LAA	5				
	D»ACTIVATOR 90	0.25	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
20A	CHECK	0.00	NA	0	0	0	0	0
21A»	BAS 756 5L	1.88	LAA	5	91	65	0	99
	B (G)2,4-D-ESTER	0.50	LAA	5				99
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	2.50	PMV	5				
22A»	GLYFOS EXTRA 3	0.75	LAA	5	71	47	0	99
	B (G)2,4-D-ESTER	0.50	LAA	5				99
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	2.50	PMV	5				
23A»	RDUP ORIG MAX	0.75	LAA	5	67	50	0	99
	B»F 8426 4SC	0.25	LAA	5				99
	C»LIQUID AMS	2.50	PMV	5				
24A»	TOUCHDN TOTAL	0.75	LAA	5	88	63	0	99
	B (G)2,4-D-ESTER	0.50	LAA	5				99
	C»PREFIX 5.32SL	1.33	LAA	5				
	D»LIQUID AMS	2.50	PMV	5				
LSD (0.05)					9.26	15.43	0.00	0.00
STANDARD DEVIATION					4.63	7.71	0.00	0.00

TITLE: Burndown combinations for weed control in no-till soybean. C-300
CREATED: 04/06/2007 **REVISED:** 09/13/2007 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 07/13/07	AMBEL CON % 07/13/07	SETFA CON % 07/13/07	IPOHE CON % 07/13/07
1A»RDUP ORIG MAX	0.75	LAA	5	99	97	78	58
B»LIQUID AMS	5.00	PMV	5				
2A»RDUP ORIG MAX	0.75	LAA	5	99	99	90	81
B VALOR 51WG	0.064	LAA	5				
C»LIQUID AMS	5.00	PMV	5				
3A»RDUP ORIG MAX	0.75	LAA	5	99	99	91	88
B VALOR 51WG	0.064	LAA	5				
C (G)2,4-D-ESTER	0.50	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
4A»RDUP ORIG MAX	0.75	LAA	5	99	99	92	87
B VALOR 51WG	0.064	LAA	5				
C CLARITY	0.25	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
5A»RDUP ORIG MAX	1.12	LAA	5	99	99	80	72
B»LIQUID AMS	5.00	PMV	5				
6A»RDUP ORIG MAX	1.12	LAA	5	99	99	85	80
B VALOR 51WG	0.064	LAA	5				
C»LIQUID AMS	5.00	PMV	5				
7A»RDUP ORIG MAX	1.12	LAA	5	99	99	89	87
B VALOR 51WG	0.064	LAA	5				
C (G)2,4-D-ESTER	0.50	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
8A»RDUP ORIG MAX	1.12	LAA	5	99	99	91	86
B VALOR 51WG	0.064	LAA	5				
C CLARITY	0.25	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
9A»RDUP ORIG MAX	0.75	LAA	5	99	99	87	78
B»INTRRO 4EC	2.00	LAA	5				
C (G)2,4-D-ESTER	0.50	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
10A»RDUP ORIG MAX	0.75	LAA	5	99	99	86	86
B PROWL H2O 3.8	0.95	LAA	5				
C (G)2,4-D-ESTER	0.50	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
11A»RDUP ORIG MAX	0.75	LAA	5	99	99	97	94
B»AUTHOR. FIRST	0.141	LAA	5				
C (G)2,4-D-ESTER	0.50	LAA	5				
D»LIQUID AMS	5.00	PMV	5				
12A»RDUP ORIG MAX	0.75	LAA	5	99	99	96	90
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	5.00	PMV	5				
13A»RDUP ORIG MAX	0.75	LAA	5	99	99	95	97
B»VALOR XLT 40WG	0.075	LAA	0				
C CLASSIC 25WG	0.019	LAA	5				
D VALOR 51WG	0.056	LAA	5				
E (G)2,4-D-ESTER	0.50	LAA	5				
F»LIQUID AMS	5.00	PMV	5				
14A»GRAMOX INTEON	0.75	LAA	5	99	98	80	73
B (G)2,4-D-ESTER	0.50	LAA	5				
C»ACTIVATOR 90	0.125	PMV	5				

TITLE: Burndown combinations for weed control in no-till soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBEL	SETFA	IPOHE
		RATE	UNIT		CON % 07/13/07	CON % 07/13/07	CON % 07/13/07	CON % 07/13/07
15A»	RDUP ORIG MAX	0.75	LAA	5	99	99	97	91
	B CLASSIC 25WG	0.014	LAA	5				
	C»HARMONY GT 50W	0.0046	LAA	5				
	D VALOR 51WG	0.045	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
16A»	RDUP ORIG MAX	0.75	LAA	5	99	99	97	95
	B CLASSIC 25WG	0.02	LAA	5				
	C»HARMONY GT 50W	0.0065	LAA	5				
	D VALOR 51WG	0.063	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
17A»	RDUP ORIG MAX	0.75	LAA	5	99	99	98	96
	B CLASSIC 25WG	0.026	LAA	5				
	C»HARMONY GT 50W	0.0083	LAA	5				
	D VALOR 51WG	0.082	LAA	5				
	E (G)2,4-D-ESTER	0.50	LAA	5				
	F»ACTIVATOR 90	0.25	PMV	5				
	G»LIQUID AMS	5.00	PMV	5				
18A»	RDUP ORIG MAX	0.75	LAA	5	99	99	89	78
	B CANOPY 75WG	0.106	LAA	5				
	C (G)2,4-D-ESTER	0.50	LAA	5				
	D»ACTIVATOR 90	0.25	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
19A»	RDUP ORIG MAX	0.75	LAA	5	99	99	82	84
	B CANOPY 75WG	0.14	LAA	5				
	C (G)2,4-D-ESTER	0.50	LAA	5				
	D»ACTIVATOR 90	0.25	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
20A	CHECK	0.00	NA	0	0	0	0	0
21A»	BAS 756 5L	1.88	LAA	5	99	99	91	91
	B (G)2,4-D-ESTER	0.50	LAA	5				
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	2.50	PMV	5				
22A»	GLYFOS EXTRA 3	0.75	LAA	5	99	99	80	75
	B (G)2,4-D-ESTER	0.50	LAA	5				
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	2.50	PMV	5				
23A»	RDUP ORIG MAX	0.75	LAA	5	99	99	87	81
	B»F 8426 4SC	0.25	LAA	5				
	C»LIQUID AMS	2.50	PMV	5				
24A»	TOUCHDN TOTAL	0.75	LAA	5	99	99	92	86
	B (G)2,4-D-ESTER	0.50	LAA	5				
	C»PREFIX 5.32SL	1.33	LAA	5				
	D»LIQUID AMS	2.50	PMV	5				
LSD (0.05)					0.00	0.757	5.22	7.42
STANDARD DEVIATION					0.00	0.379	2.61	3.71

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
05 = ----- / EPP 15 DBP 05/07/2007(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	STEME	CON %	05/22/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/22/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/22/2007	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Burndown combinations 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
004	CHEAL	CON %	05/22/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	05/22/2007	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/22/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/05/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	STEME	CON %	06/05/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LAMAM	CON %	06/05/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	06/05/2007	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/05/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	06/05/2007	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	CON %	06/05/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	IPOHE	CON %	06/05/2007	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/13/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	STEME	CON %	07/13/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	LAMAM	CON %	07/13/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ERICA	CON %	07/13/2007	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	07/13/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMBEL	CON %	07/13/2007	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	CON %	07/13/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	IPOHE	CON %	07/13/2007	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3006