

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.2
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/20/02	AME
AIR TEMPERATURE	50	F
% REL.HUMIDITY	55	
WIND DIRECTION	NORTH	
WIND SPEED	5.0	M/H
CLOUD COVER	PARTCLDY	
DEW	DRY	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/01	
FS 3616RR	/	IN
05/23/2002		
*** PEST ***		
VELVETLEAF	---/10	
	1.00/1.00	IN
WATERHEMP, COMMO	---/10	
	0.50/0.50	IN
SHEPHERDSPURSE	---/19	
	4.00/12.0	IN
LAMBSQUARTERS, C	---/19	
	1.00/3.00	IN
HORSEWEED	---/19	
	3.00/5.00	IN
HENBIT	---/19	
	3.00/5.00	IN
CHICKWEED, COMMO	---/19	
	3.00/6.00	IN
DANDELION, COMMO	---/18	
	3.00/5.00	IN

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF SEED IMBIBITION
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Burndown Options in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/01/2002 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 REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	ERICA	TAROF	CAPBP	STEME
		RATE	UNIT		CON % 05/24/02	CON % 05/24/02	CON % 05/24/02	CON % 05/24/02	CON % 05/24/02	CON % 05/31/02
1A	GLYPHOMAX PLUS	0.56	LAA	9	82	81	57	20	67	99
B	LIQUID AMS	5.00	PMV	9						
2A	GLYPHOMAX PLUS	0.56	LAA	9	96	98	47	43	83	99
B	AIM EW 1.9	0.008	LAA	9						
C	LIQUID AMS	5.00	PMV	9						
3A	GLYPHOMAX PLUS	0.56	LAA	9	98	95	63	68	77	99
B	AIM 40DF	0.008	LAA	9						
C	(G)2,4-D-ESTER	0.50	LAA	9						
D	LIQUID AMS	5.00	PMV	9						
4A	RNDUP ULTRA MA	0.75	LAA	9	91	82	47	10	65	99
B	LIQUID AMS	5.00	PMV	9						
5A	BOUNDARY 6.5EC	2.19	LAA	9	98	94	43	35	47	99
B	AIM 40DF	0.008	LAA	9						
C	COC	1.00	PMV	9						
6A	DOMAIN 60DF	0.53	LAA	9	93	93	40	17	68	93
B	AIM 40DF	0.008	LAA	9						
C	COC	1.00	PMV	9						
7A	GAUNTLET	0.00	LAA	9	87	82	33	30	90	62
B	AUTHORITY	0.25	LAA	9						
C	FIRSTRATE 84WG	0.031	LAA	9						
D	AIM 40DF	0.008	LAA	9						
E	COC	1.00	PMV	9						
8A	GRAMOX MAX 3SL	0.64	LAA	9	99	95	72	33	96	99
B	BOUNDARY 6.5EC	1.22	LAA	9						
C	ACTIVATOR 90	0.25	PMV	9						
9A	GRAMOX MAX 3SL	0.64	LAA	9	99	96	70	57	97	99
B	CANOPY 75WG	0.094	LAA	9						
C	ACTIVATOR 90	0.25	PMV	9						
10A	TOUCHDOWN 3L	0.56	LAA	9	94	83	40	13	57	99
B	BOUNDARY 6.5EC	1.22	LAA	9						
C	LIQUID AMS	5.00	PMV	9						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	RESOURCE	0.014	LAA	9	91	83	60	70	73	99
B	RNDUP ULTRA MA	0.75	LAA	9						
C	LIQUID AMS	5.00	PMV	9						
13A	V-10097 4.06SL	1.01	LAA	9	88	87	52	52	82	99
B	ACTIVATOR 90	0.25	PMV	9						
C	LIQUID AMS	5.00	PMV	9						
14A	V-10080 4.25L	1.06	LAA	9	96	82	40	40	70	99
B	LIQUID AMS	5.00	PMV	9						
15A	RNDUP ULTRA MA	0.75	LAA	9	91	91	52	53	78	99
B	AIM 40DF	0.004	LAA	9						
C	LIQUID AMS	5.00	PMV	9						
16A	RNDUP ULTRA MA	0.56	LAA	9	93	86	42	23	72	99
B	AUTHORITY	0.123	LAA	9						
C	CLASSIC 25WG	0.025	LAA	9						
D	LIQUID AMS	5.00	PMV	9						
LSD (0.05)					11.08	11.60	30.36	24.23	15.52	4.81
STANDARD DEVIATION					5.43	5.68	14.87	11.86	7.60	2.35

DATA MEAN

TITLE: Burndown Options in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/01/2002 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 REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	LAMAM	ERICA	TAROF	CAPBP	GLXMA	ERICA
		RATE	UNIT		CON % 05/31/02	CON % 05/31/02	CON % 05/31/02	CON % 05/31/02	CON % 06/18/02	CON % 06/18/02
1A»	GLYPHOMAX PLUS	0.56	LAA	9	99	88	43	95	0	94
B»	LIQUID AMS	5.00	PMV	9						
2A»	GLYPHOMAX PLUS	0.56	LAA	9	99	85	63	90	0	87
B»	AIM EW 1.9	0.008	LAA	9						
C»	LIQUID AMS	5.00	PMV	9						
3A»	GLYPHOMAX PLUS	0.56	LAA	9	99	93	80	99	0	89
B»	AIM 40DF	0.008	LAA	9						
C	(G)2,4-D-ESTER	0.50	LAA	9						
D»	LIQUID AMS	5.00	PMV	9						
4A»	RNDUP ULTRA MA	0.75	LAA	9	99	87	75	94	0	98
B»	LIQUID AMS	5.00	PMV	9						
5A»	BOUNDARY 6.5EC	2.19	LAA	9	99	13	10	88	0	7
B»	AIM 40DF	0.008	LAA	9						
C»	COC	1.00	PMV	9						
6A»	DOMAIN 60DF	0.53	LAA	9	99	17	13	88	0	0
B»	AIM 40DF	0.008	LAA	9						
C»	COC	1.00	PMV	9						
7A»	GAUNTLET	0.00	LAA	9	72	40	13	83	0	68
B»	AUTHORITY	0.25	LAA	9						
C»	FIRSTRATE 84WG	0.031	LAA	9						
D»	AIM 40DF	0.008	LAA	9						
E»	COC	1.00	PMV	9						
8A»	GRAMOX MAX 3SL	0.64	LAA	9	99	80	40	99	0	94
B»	BOUNDARY 6.5EC	1.22	LAA	9						
C»	ACTIVATOR 90	0.25	PMV	9						
9A»	GRAMOX MAX 3SL	0.64	LAA	9	99	57	37	99	0	73
B	CANOPY 75WG	0.094	LAA	9						
C»	ACTIVATOR 90	0.25	PMV	9						
10A»	TOUCHDOWN 3L	0.56	LAA	9	99	68	52	99	0	90
B»	BOUNDARY 6.5EC	1.22	LAA	9						
C»	LIQUID AMS	5.00	PMV	9						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A»	RESOURCE	0.014	LAA	9	99	91	87	98	0	98
B»	RNDUP ULTRA MA	0.75	LAA	9						
C»	LIQUID AMS	5.00	PMV	9						
13A»	V-10097 4.06SL	1.01	LAA	9	98	87	63	99	0	99
B»	ACTIVATOR 90	0.25	PMV	9						
C»	LIQUID AMS	5.00	PMV	9						
14A»	V-10080 4.25L	1.06	LAA	9	98	93	80	93	0	99
B»	LIQUID AMS	5.00	PMV	9						
15A»	RNDUP ULTRA MA	0.75	LAA	9	99	95	75	99	0	99
B»	AIM 40DF	0.004	LAA	9						
C»	LIQUID AMS	5.00	PMV	9						
16A»	RNDUP ULTRA MA	0.56	LAA	9	99	82	48	87	0	96
B»	AUTHORITY	0.123	LAA	9						
C	CLASSIC 25WG	0.025	LAA	9						
D»	LIQUID AMS	5.00	PMV	9						
LSD (0.05)					1.85	10.75	19.26	7.16	0.00	13.19
STANDARD DEVIATION					0.908	5.26	9.43	3.50	0.00	6.46

DATA MEAN

TITLE: Burndown Options in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/01/2002 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 REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	CHEAL	ABUTH	AMATA
		RATE	UNIT		CON % 06/18/02	CON % 06/18/02	CON % 06/18/02	CON % 06/18/02
1A»	GLYPHOMAX PLUS	0.56	LAA	9	82	0	0	0
B»	LIQUID AMS	5.00	PMV	9				
2A»	GLYPHOMAX PLUS	0.56	LAA	9	63	0	0	0
B»	AIM EW 1.9	0.008	LAA	9				
C»	LIQUID AMS	5.00	PMV	9				
3A»	GLYPHOMAX PLUS	0.56	LAA	9	75	0	0	0
B»	AIM 40DF	0.008	LAA	9				
C	(G)2,4-D-ESTER	0.50	LAA	9				
D»	LIQUID AMS	5.00	PMV	9				
4A»	RNDUP ULTRA MA	0.75	LAA	9	96	0	0	0
B»	LIQUID AMS	5.00	PMV	9				
5A»	BOUNDARY 6.5EC	2.19	LAA	9	0	99	92	99
B»	AIM 40DF	0.008	LAA	9				
C»	COC	1.00	PMV	9				
6A»	DOMAIN 60DF	0.53	LAA	9	0	99	77	99
B»	AIM 40DF	0.008	LAA	9				
C»	COC	1.00	PMV	9				
7A»	GAUNTLET	0.00	LAA	9	50	99	99	99
B»	AUTHORITY	0.25	LAA	9				
C»	FIRSTRATE 84WG	0.031	LAA	9				
D»	AIM 40DF	0.008	LAA	9				
E»	COC	1.00	PMV	9				
8A»	GRAMOX MAX 3SL	0.64	LAA	9	55	99	75	99
B»	BOUNDARY 6.5EC	1.22	LAA	9				
C»	ACTIVATOR 90	0.25	PMV	9				
9A»	GRAMOX MAX 3SL	0.64	LAA	9	63	99	82	99
B	CANOPY 75WG	0.094	LAA	9				
C»	ACTIVATOR 90	0.25	PMV	9				
10A»	TOUCHDOWN 3L	0.56	LAA	9	90	93	67	93
B»	BOUNDARY 6.5EC	1.22	LAA	9				
C»	LIQUID AMS	5.00	PMV	9				
11A	CHECK	0.00	NA	0	0	0	0	0
12A»	RESOURCE	0.014	LAA	9	93	0	0	0
B»	RNDUP ULTRA MA	0.75	LAA	9				
C»	LIQUID AMS	5.00	PMV	9				
13A»	V-10097 4.06SL	1.01	LAA	9	83	0	0	0
B»	ACTIVATOR 90	0.25	PMV	9				
C»	LIQUID AMS	5.00	PMV	9				
14A»	V-10080 4.25L	1.06	LAA	9	90	83	82	93
B»	LIQUID AMS	5.00	PMV	9				
15A»	RNDUP ULTRA MA	0.75	LAA	9	73	83	67	83
B»	AIM 40DF	0.004	LAA	9				
C»	LIQUID AMS	5.00	PMV	9				
16A»	RNDUP ULTRA MA	0.56	LAA	9	87	94	97	96
B»	AUTHORITY	0.123	LAA	9				
C	CLASSIC 25WG	0.025	LAA	9				
D»	LIQUID AMS	5.00	PMV	9				
LSD (0.05)					17.45	11.84	9.00	10.44
STANDARD DEVIATION					8.54	5.80	4.40	5.11

» = SUPPLEMENTAL CHEMICAL

DATA MEAN

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/20/2002(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	STEME	CON %	05/24/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	LAMAM	CON %	05/24/2002	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ERICA	CON %	05/24/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	TAROF	CON %	05/24/2002	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	CAPBP	CON %	05/24/2002	06	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	STEME	CON %	05/31/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	LAMAM	CON %	05/31/2002	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ERICA	CON %	05/31/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	TAROF	CON %	05/31/2002	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	CAPBP	CON %	05/31/2002	06	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	GLXMA	CON %	06/18/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	ERICA	CON %	06/18/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	TAROF	CON %	06/18/2002	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	CHEAL	CON %	06/18/2002	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	ABUTH	CON %	06/18/2002	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	AMATA	CON %	06/18/2002	09	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3616RR