

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	04	
TYPE	LIQMXSPR	
APPLICATION DATE	04/23/02	AME
AIR TEMPERATURE	54	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
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	0.00/0.00	IN
05/23/2002		
*** PEST ***		
VELVETLEAF	---/00	
	0.00/0.00	IN
LAMBSQUARTERS, C	---/11	
	0.50/0.50	IN
HORSEWEED	---/19	
	1.00/3.00	IN
HENBIT	---/---	
	1.00/3.00	IN
FOXTAIL, GIANT	---/11	
	1.00/1.00	IN
CHICKWEED, COMMO	---/19	
	2.00/4.00	IN
DANDELION, COMMO	---/19	
	2.00/4.00	IN

\* TIMING CODES

04 = ----- / EPP 30DBP

\* STAGE CODE

--- = TO BE SELECTED  
 00 = DRY SEED; DORMANCY  
 01 = BEGINNING OF SEED IMBIBITION  
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

## DATA MEAN

TITLE: Early Preplant treatments in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/27/2002 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	TAROF	ERICA	LAMAM	CHEAL	ABUTH
		RATE	UNIT		CON % 05/06/02	CON % 05/06/02	CON % 05/06/02	CON % 05/06/02	CON % 05/06/02	CON % 05/06/02
1A»	RNDUP ULTRA MA	0.75	LAA	4	99	94	99	97	91	87
B»	(G)2,4-D-ESTER	0.50	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
2A»	VALOR 51WDG	0.031	LAA	4	99	99	99	99	99	99
B»	RNDUP ULTRA MA	0.75	LAA	4						
C»	(G)2,4-D-ESTER	0.50	LAA	4						
D»	LIQUID AMS	2.50	PMV	4						
3A»	VALOR 51WDG	0.047	LAA	4	99	98	99	99	99	99
B»	RNDUP ULTRA MA	0.75	LAA	4						
C»	(G)2,4-D-ESTER	0.50	LAA	4						
D»	LIQUID AMS	2.50	PMV	4						
4A»	VALOR 51WDG	0.063	LAA	4	99	99	99	99	99	99
B»	RNDUP ULTRA MA	0.75	LAA	4						
C»	(G)2,4-D-ESTER	0.50	LAA	4						
D»	LIQUID AMS	2.50	PMV	4						
5A»	CANOPY XL 56.3	0.148	LAA	0	99	99	99	99	99	99
B»	AUTHORITY	0.123	LAA	4						
C»	CLASSIC 25WG	0.025	LAA	4						
D»	RNDUP ULTRA MA	0.75	LAA	4						
E»	(G)2,4-D-ESTER	0.50	LAA	4						
F»	LIQUID AMS	2.50	PMV	4						
6A»	DOMAIN 60DF	0.53	LAA	4	99	89	99	95	99	99
B»	RNDUP ULTRA MA	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
7A»	BOUNDARY 6.5EC	1.22	LAA	4	99	88	99	94	99	99
B»	TOUCHDOWN 3L	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
8A»	FIRSTRATE 84WG	0.032	LAA	4	99	94	99	96	99	99
B»	GLYPHOMAX PLUS	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
9A»	AUTHORITY	0.14	LAA	4	99	92	99	95	99	99
B»	TOUCHDOWN 3L	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
LSD (0.05)					0.00	4.00	0.00	3.68	3.05	3.33
STANDARD DEVIATION					0.00	1.90	0.00	1.73	1.44	1.57

## DATA MEAN

TITLE: Early Preplant treatments in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/27/2002 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	SETFA	STEME	TAROF	ERICA	LAMAM	CHEAL
		RATE	UNIT		CON % 05/06/02	CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 05/21/02
1A»	RNDUP ULTRA MA	0.75	LAA	4	94	99	97	99	99	99
B	(G)2,4-D-ESTER	0.50	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
2A»	VALOR 51WDG	0.031	LAA	4	99	99	98	99	99	99
B»	RNDUP ULTRA MA	0.75	LAA	4						
C	(G)2,4-D-ESTER	0.50	LAA	4						
D»	LIQUID AMS	2.50	PMV	4						
3A»	VALOR 51WDG	0.047	LAA	4	99	99	98	99	99	99
B»	RNDUP ULTRA MA	0.75	LAA	4						
C	(G)2,4-D-ESTER	0.50	LAA	4						
D»	LIQUID AMS	2.50	PMV	4						
4A»	VALOR 51WDG	0.063	LAA	4	99	99	99	99	99	99
B»	RNDUP ULTRA MA	0.75	LAA	4						
C	(G)2,4-D-ESTER	0.50	LAA	4						
D»	LIQUID AMS	2.50	PMV	4						
5A»	CANOPY XL 56.3	0.148	LAA	0	99	99	98	99	99	99
B»	AUTHORITY	0.123	LAA	4						
C	CLASSIC 25WG	0.025	LAA	4						
D»	RNDUP ULTRA MA	0.75	LAA	4						
E	(G)2,4-D-ESTER	0.50	LAA	4						
F»	LIQUID AMS	2.50	PMV	4						
6A»	DOMAIN 60DF	0.53	LAA	4	99	99	96	99	99	99
B»	RNDUP ULTRA MA	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
7A»	BOUNDARY 6.5EC	1.22	LAA	4	99	99	96	99	99	99
B»	TOUCHDOWN 3L	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
8A»	FIRSTRATE 84WG	0.032	LAA	4	99	99	96	99	99	99
B»	GLYPHOMAX PLUS	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
9A»	AUTHORITY	0.14	LAA	4	99	99	94	99	99	99
B»	TOUCHDOWN 3L	0.56	LAA	4						
C»	LIQUID AMS	5.00	PMV	4						
LSD (0.05)					1.33	0.00	2.78	0.00	0.00	0.00
STANDARD DEVIATION					0.629	0.00	1.31	0.00	0.00	0.00

## DATA MEAN

TITLE: Early Preplant treatments in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/27/2002 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	ABUTH	SETFA	GLXMA	STEME	TAROF	ERICA
		RATE	UNIT		CON % 05/21/02	CON % 05/21/02	CON % 06/21/02	CON % 06/21/02	CON % 06/21/02	CON % 06/21/02
1A»	RNDUP ULTRA MA	0.75	LAA	4	98	99	0	99	96	94
	B (G)2,4-D-ESTER	0.50	LAA	4						
	C»LIQUID AMS	2.50	PMV	4						
2A»	VALOR 51WDG	0.031	LAA	4	99	99	0	99	92	98
	B»RNDUP ULTRA MA	0.75	LAA	4						
	C (G)2,4-D-ESTER	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
3A»	VALOR 51WDG	0.047	LAA	4	99	99	0	99	96	99
	B»RNDUP ULTRA MA	0.75	LAA	4						
	C (G)2,4-D-ESTER	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
4A»	VALOR 51WDG	0.063	LAA	4	99	99	0	99	97	99
	B»RNDUP ULTRA MA	0.75	LAA	4						
	C (G)2,4-D-ESTER	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
5A»	CANOPY XL 56.3	0.148	LAA	0	99	99	0	99	98	98
	B»AUTHORITY	0.123	LAA	4						
	C CLASSIC 25WG	0.025	LAA	4						
	D»RNDUP ULTRA MA	0.75	LAA	4						
	E (G)2,4-D-ESTER	0.50	LAA	4						
	F»LIQUID AMS	2.50	PMV	4						
6A»	DOMAIN 60DF	0.53	LAA	4	99	99	0	99	73	96
	B»RNDUP ULTRA MA	0.56	LAA	4						
	C»LIQUID AMS	5.00	PMV	4						
7A»	BOUNDARY 6.5EC	1.22	LAA	4	98	99	0	99	75	82
	B»TOUCHDOWN 3L	0.56	LAA	4						
	C»LIQUID AMS	5.00	PMV	4						
8A»	FIRSTRATE 84WG	0.032	LAA	4	98	99	0	99	89	99
	B»GLYPHOMAX PLUS	0.56	LAA	4						
	C»LIQUID AMS	5.00	PMV	4						
9A»	AUTHORITY	0.14	LAA	4	99	99	0	99	89	99
	B»TOUCHDOWN 3L	0.56	LAA	4						
	C»LIQUID AMS	5.00	PMV	4						
		LSD (0.05)			1.71	0.00	0.00	0.00	5.33	7.87
		STANDARD DEVIATION			0.809	0.00	0.00	0.00	2.51	3.71

DATA MEAN

TITLE: Early Preplant treatments in Notill Soybean C-600W

CREATED: 04/10/2002 REVISED: 08/27/2002 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	TREATMENT	DOSAGE		LAMAM	CHEAL	ABUTH	SETFA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %
			TM	06/21/02	06/21/02	06/21/02	06/21/02
1A»	RNDUP ULTRA MA	0.75	LAA 4	99	70	57	70
	B (G)2,4-D-ESTER	0.50	LAA 4				
	C»LIQUID AMS	2.50	PMV 4				
2A»	VALOR 51WDG	0.031	LAA 4	99	81	77	89
	B»RNDUP ULTRA MA	0.75	LAA 4				
	C (G)2,4-D-ESTER	0.50	LAA 4				
	D»LIQUID AMS	2.50	PMV 4				
3A»	VALOR 51WDG	0.047	LAA 4	99	95	89	94
	B»RNDUP ULTRA MA	0.75	LAA 4				
	C (G)2,4-D-ESTER	0.50	LAA 4				
	D»LIQUID AMS	2.50	PMV 4				
4A»	VALOR 51WDG	0.063	LAA 4	99	98	92	96
	B»RNDUP ULTRA MA	0.75	LAA 4				
	C (G)2,4-D-ESTER	0.50	LAA 4				
	D»LIQUID AMS	2.50	PMV 4				
5A»	CANOPY XL 56.3	0.148	LAA 0	99	99	99	97
	B»AUTHORITY	0.123	LAA 4				
	C CLASSIC 25WG	0.025	LAA 4				
	D»RNDUP ULTRA MA	0.75	LAA 4				
	E (G)2,4-D-ESTER	0.50	LAA 4				
	F»LIQUID AMS	2.50	PMV 4				
6A»	DOMAIN 60DF	0.53	LAA 4	96	60	53	83
	B»RNDUP ULTRA MA	0.56	LAA 4				
	C»LIQUID AMS	5.00	PMV 4				
7A»	BOUNDARY 6.5EC	1.22	LAA 4	99	63	58	94
	B»TOUCHDOWN 3L	0.56	LAA 4				
	C»LIQUID AMS	5.00	PMV 4				
8A»	FIRSTRATE 84WG	0.032	LAA 4	99	97	87	88
	B»GLYPHOMAX PLUS	0.56	LAA 4				
	C»LIQUID AMS	5.00	PMV 4				
9A»	AUTHORITY	0.14	LAA 4	99	97	93	94
	B»TOUCHDOWN 3L	0.56	LAA 4				
	C»LIQUID AMS	5.00	PMV 4				
		LSD (0.05)		3.00	11.00	6.81	7.00
		STANDARD DEVIATION		1.41	5.20	3.21	3.32

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 04 = ----- / EPP 30DBP 04/23/2002 (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 %	05/06/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	TAROF	CON %	05/06/2002	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ERICA	CON %	05/06/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	LAMAM	CON %	05/06/2002	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	CHEAL	CON %	05/06/2002	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ABUTH	CON %	05/06/2002	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	05/06/2002	08	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	STEME	CON %	05/21/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	TAROF	CON %	05/21/2002	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ERICA	CON %	05/21/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## DATA MEAN

TITLE: Early Preplant treatments in Notill Soybean C-600W

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
11	LAMAM	CON %	05/21/2002	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	CHEAL	CON %	05/21/2002	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	ABUTH	CON %	05/21/2002	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	SETFA	CON %	05/21/2002	08	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	GLXMA	CON %	06/21/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	STEME	CON %	06/21/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	TAROF	CON %	06/21/2002	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	ERICA	CON %	06/21/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	LAMAM	CON %	06/21/2002	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
20	CHEAL	CON %	06/21/2002	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
21	ABUTH	CON %	06/21/2002	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
22	SETFA	CON %	06/21/2002	08	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3616RR