

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	06	10	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/05/00	05/17/00	05/31/00	AME
AIR TEMPERATURE	73	73	85	F
% REL.HUMIDITY	70	70	80	
WIND DIRECTION	SOUTH	SOUTH	SOUTHWEST	
WIND SPEED	7.0	5.0	3.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	PARTCLDY	
DEW	MOIST	NO	MOIST	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN			---/11	
PIONEER 94B01RR			1.00/1.00	IN
05/17/2000				
*** PEST ***				
HORSEWEED	---/19	---/19	---/19	
	3.00/3.00	8.00/8.00	16.0/16.0	IN
CHICKWEED, COMMO	---/19	---/19	---/19	
	3.00/3.00	4.00/4.00	5.00/5.00	IN
DANDELION, COMMO	---/19	---/19	---/19	
	3.00/3.00	4.00/4.00	5.00/5.00	IN

* TIMING CODES

06 = ----- / EPP 7DBP
10 = ----- / VEPOST
13 = ----- / LPOST

* STAGE CODE

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

TITLE: SMAREST BURNDOWN TREATMENTS FOR MARESTALL IN NOTILL RR SOY C-600W
CREATED: 04/05/2000 **REVISED:** 10/31/2000 **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	GLXMA 06/06/00	STEME 06/06/00	ERICA 06/06/00	TAROF 06/06/00	GLXMA 06/16/00	STEME 06/16/00
		RATE	UNIT							
1A»	FIRSTRATE 84WG	0.008	LAA 6		0	90	95	93	0	87
B»	ACTIVATOR 90	0.25	PMV 6							
C	28% UAN	2.50	PMV 6							
2A»	FIRSTRATE 84WG	0.008	LAA 6		0	92	99	95	0	92
B	(G)2,4-D-ESTER	0.50	LAA 6							
C»	ACTIVATOR 90	0.25	PMV 6							
D	28% UAN	2.50	PMV 6							
3A»	FIRSTRATE 84WG	0.008	LAA 6		0	98	99	95	0	98
B	(G)2,4-D-ESTER	0.50	LAA 6							
C»	GLYPHOMAX PLUS	0.28	LAA 6							
D	AM. SULFATE	12.50	PMG 6							
4A	CHECK	0.00	NA 6		0	0	0	0	0	0
5A	CANOPY 75WG	0.094	LAA 6		0	95	95	95	0	95
B»	COC	1.00	PMV 6							
6A	CANOPY 75WG	0.094	LAA 6		0	98	99	96	0	98
B	(G)2,4-D-ESTER	0.50	LAA 6							
C»	COC	1.00	PMV 6							
7A»	FIRSTRATE 84WG	0.016	LAA 10		0	96	95	93	0	96
B»	ACTIVATOR 90	0.25	PMV 10							
C	28% UAN	2.50	PMV 10							
8A»	FIRSTRATE 84WG	0.016	LAA 10		0	99	96	93	0	99
B»	FLEXSTAR 1.88M	0.147	LAA 10							
C»	COC	1.00	PMV 10							
D	28% UAN	2.50	PMV 10							
9A»	FIRSTRATE 84WG	0.016	LAA 10		0	99	99	96	0	99
B»	GLYPHOMAX PLUS	0.56	LAA 10							
C»	ACTIVATOR 90	0.25	PMV 10							
D	AM. SULFATE	12.50	PMG 10							
10A»	FLEXSTAR 1.88M	0.294	LAA 10		0	96	90	82	0	93
B»	COC	1.00	PMV 10							
C	28% UAN	2.50	PMV 10							
11A»	GLYPHOMAX PLUS	0.75	LAA 10		0	99	99	95	0	99
B	AM. SULFATE	12.50	PMG 10							
12A»	FIRSTRATE 84WG	0.016	LAA 13		0	95	93	92	0	98
B»	ACTIVATOR 90	0.25	PMV 13							
C	28% UAN	2.50	PMV 13							
13A»	FIRSTRATE 84WG	0.016	LAA 13		0	99	95	95	0	99
B»	FLEXSTAR 1.88M	0.147	LAA 13							
C»	COC	1.00	PMV 13							
D	28% UAN	2.50	PMV 13							
14A»	FIRSTRATE 84WG	0.016	LAA 13		0	99	97	95	0	99
B»	GLYPHOMAX PLUS	0.56	LAA 13							
C»	ACTIVATOR 90	0.25	PMV 13							
D	AM. SULFATE	12.50	PMG 13							
15A»	FLEXSTAR 1.88M	0.294	LAA 13		0	99	91	83	0	99
B»	COC	1.00	PMV 13							
C	28% UAN	2.50	PMV 13							
16A»	GLYPHOMAX PLUS	0.75	LAA 13		0	99	96	93	0	99
B	AM. SULFATE	12.50	PMG 13							
LSD (0.05)					0.00	3.00	2.82	3.43	0.00	4.00
STANDARD DEVIATION					0.00	1.46	1.38	1.68	0.00	2.00

TITLE: SMAREST BURNDOWN TREATMENTS FOR MARESTALL IN NOTILL RR SOY C-600W
CREATED: 04/05/2000 **REVISED:** 10/31/2000 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	ERICA	TAROF
				06/16/00	06/16/00
1A»FIRSTRATE 84WG	0.008	LAA	6	93	92
B»ACTIVATOR 90	0.25	PMV	6		
C 28% UAN	2.50	PMV	6		
2A»FIRSTRATE 84WG	0.008	LAA	6	99	95
B (G)2,4-D-ESTER	0.50	LAA	6		
C»ACTIVATOR 90	0.25	PMV	6		
D 28% UAN	2.50	PMV	6		
3A»FIRSTRATE 84WG	0.008	LAA	6	99	95
B (G)2,4-D-ESTER	0.50	LAA	6		
C»GLYPHOMAX PLUS	0.28	LAA	6		
D AM. SULFATE	12.50	PMG	6		
4A CHECK	0.00	NA	6	0	0
5A CANOPY 75WG	0.094	LAA	6	88	95
B»COC	1.00	PMV	6		
6A CANOPY 75WG	0.094	LAA	6	99	95
B (G)2,4-D-ESTER	0.50	LAA	6		
C»COC	1.00	PMV	6		
7A»FIRSTRATE 84WG	0.016	LAA	10	92	92
B»ACTIVATOR 90	0.25	PMV	10		
C 28% UAN	2.50	PMV	10		
8A»FIRSTRATE 84WG	0.016	LAA	10	95	92
B»FLEXSTAR 1.88M	0.147	LAA	10		
C»COC	1.00	PMV	10		
D 28% UAN	2.50	PMV	10		
9A»FIRSTRATE 84WG	0.016	LAA	10	99	95
B»GLYPHOMAX PLUS	0.56	LAA	10		
C»ACTIVATOR 90	0.25	PMV	10		
D AM. SULFATE	12.50	PMG	10		
10A»FLEXSTAR 1.88M	0.294	LAA	10	85	82
B»COC	1.00	PMV	10		
C 28% UAN	2.50	PMV	10		
11A»GLYPHOMAX PLUS	0.75	LAA	10	99	93
B AM. SULFATE	12.50	PMG	10		
12A»FIRSTRATE 84WG	0.016	LAA	13	92	90
B»ACTIVATOR 90	0.25	PMV	13		
C 28% UAN	2.50	PMV	13		
13A»FIRSTRATE 84WG	0.016	LAA	13	95	92
B»FLEXSTAR 1.88M	0.147	LAA	13		
C»COC	1.00	PMV	13		
D 28% UAN	2.50	PMV	13		
14A»FIRSTRATE 84WG	0.016	LAA	13	99	95
B»GLYPHOMAX PLUS	0.56	LAA	13		
C»ACTIVATOR 90	0.25	PMV	13		
D AM. SULFATE	12.50	PMG	13		
15A»FLEXSTAR 1.88M	0.294	LAA	13	90	82
B»COC	1.00	PMV	13		
C 28% UAN	2.50	PMV	13		
16A»GLYPHOMAX PLUS	0.75	LAA	13	99	95
B AM. SULFATE	12.50	PMG	13		
LSD (0.05)				3.11	3.73
STANDARD DEVIATION				1.52	1.83

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

06 = ----- / EPP 7DBP 05/05/2000(1)

10 = ----- / VEPOST 05/17/2000(2)

13 = ----- / LPOST 05/31/2000(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA		06/06/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME		06/06/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA		06/06/2000	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF		06/06/2000	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA		06/16/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	STEME		06/16/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ERICA		06/16/2000	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	TAROF		06/16/2000	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B01RR