

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.2
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	01	04	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	11/18/99	04/06/00	AME
AIR TEMPERATURE	68	61	F
% REL.HUMIDITY	39	33	
WIND DIRECTION	SOUTH	---	
WIND SPEED	12.0	0.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT		---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/01	
PIONEER 94B01RR		/	IN
05/17/2000			
*** PEST ***			
RAGWEED, COMMON	---/00	---/00	
	0.00/0.00	0.00/0.00	IN
BRASSICA SSP.	---/00	---/19	
	0.00/0.00	3.00/3.00	IN
LAMBSQUARTERS, C	---/00	---/12	
	0.00/0.00	0.25/0.25	IN
HENBIT	---/00	---/19	
	0.00/0.00	5.00/5.00	IN
CHICKWEED, COMMO	---/19	---/19	
	2.00/2.00	4.00/4.00	IN

* TIMING CODES

01 = ----- / FALL APPL'D
 04 = ----- / EPP 30 DBP

* STAGE CODE

00 = DRY SEED; DORMANCY
 01 = BEGINNING OF SEED IMBIBITION
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: USFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS C-600W
CREATED: 11/12/1999 **REVISED:** 11/30/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	CAPBP	CHEAL	STEME	LAMAM
		RATE	UNIT		04/05/00	04/05/00	04/05/00	04/05/00	05/11/00	05/11/00
1A	CANOPY 75WG	0.14	LAA	1	73	99	99	99	67	99
	B»COC	1.00	PMV	1						
2A	CANOPY 75WG	0.14	LAA	1	99	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	1						
	C»2,4-D LVE	0.25	LAA	1						
	D AM. SULFATE	17.00	PMG	1						
3A	CANOPY 75WG	0.328	LAA	1	99	99	99	99	96	99
	B»COC	1.00	PMV	1						
4A	CANOPY 75WG	0.328	LAA	1	99	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	1						
	C»2,4-D LVE	0.25	LAA	1						
	D AM. SULFATE	17.00	PMG	1						
5A	ROUNDUP ULTRA	0.56	LAA	1	93	99	99	0	83	93
	B»2,4-D LVE	0.25	LAA	1						
	C AM. SULFATE	17.00	PMG	1						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	CANOPY XL 56.3	0.088	LAA	0	63	99	99	99	63	99
	B»AUTHORITY	0.073	LAA	1						
	C CLASSIC 25WG	0.015	LAA	1						
	D»COC	1.00	PMV	1						
8A»	CANOPY XL 56.3	0.088	LAA	0	98	99	99	99	98	99
	B»AUTHORITY	0.073	LAA	1						
	C CLASSIC 25WG	0.015	LAA	1						
	D ROUNDUP ULTRA	0.56	LAA	1						
	E»2,4-D LVE	0.25	LAA	1						
	F AM. SULFATE	17.00	PMG	1						
9A»	CANOPY XL 56.3	0.24	LAA	0	63	99	99	99	67	99
	B»AUTHORITY	0.20	LAA	1						
	C CLASSIC 25WG	0.04	LAA	1						
	D»COC	1.00	PMV	1						
10A»	CANOPY XL 56.3	0.24	LAA	0	99	99	99	99	99	99
	B»AUTHORITY	0.20	LAA	1						
	C CLASSIC 25WG	0.04	LAA	1						
	D ROUNDUP ULTRA	0.56	LAA	1						
	E»2,4-D LVE	0.25	LAA	1						
	F AM. SULFATE	17.00	PMG	1						
11A	SENCOR 75WG	0.188	LAA	1	58	99	99	99	13	99
	B»COC	1.00	PMV	1						
12A	SENCOR 75WG	0.188	LAA	1	99	99	99	67	62	99
	B ROUNDUP ULTRA	0.56	LAA	1						
	C»2,4-D LVE	0.25	LAA	1						
	D AM. SULFATE	17.00	PMG	1						
13A	SENCOR 75WG	0.47	LAA	1	83	99	99	91	32	99
	B»COC	1.00	PMV	1						
14A	SENCOR 75WG	0.47	LAA	1	99	99	99	85	83	99
	B ROUNDUP ULTRA	0.56	LAA	1						
	C»2,4-D LVE	0.25	LAA	1						
	D AM. SULFATE	17.00	PMG	1						
15A	CANOPY 75WG	0.14	LAA	4					48	99
	B»COC	1.00	PMV	4						
16A	CANOPY 75WG	0.14	LAA	4					97	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C»2,4-D LVE	0.25	LAA	4						
	D AM. SULFATE	17.00	PMG	4						

TITLE: USFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS C-600W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	CAPBP	CHEAL	STEME	LAMAM
		RATE	UNIT		04/05/00	04/05/00	04/05/00	04/05/00	05/11/00	05/11/00
17A	CANOPY 75WG	0.328	LAA	4					70	99
	B»COC	1.00	PMV	4						
18A	CANOPY 75WG	0.328	LAA	4					97	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C»2,4-D LVE	0.25	LAA	4						
	D AM. SULFATE	17.00	PMG	4						
19A	ROUNDUP ULTRA	0.56	LAA	4					99	93
	B»2,4-D LVE	0.25	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
20A	CHECK	0.00	NA	0					0	0
21A»	CANOPY XL 56.3	0.088	LAA	0					30	99
	B»AUTHORITY	0.073	LAA	4						
	C CLASSIC 25WG	0.015	LAA	4						
	D»COC	1.00	PMV	4						
22A»	CANOPY XL 56.3	0.088	LAA	0					99	99
	B»AUTHORITY	0.073	LAA	4						
	C CLASSIC 25WG	0.015	LAA	4						
	D ROUNDUP ULTRA	0.56	LAA	4						
	E»2,4-D LVE	0.25	LAA	4						
	F AM. SULFATE	17.00	PMG	4						
23A»	CANOPY XL 56.3	0.24	LAA	0					68	99
	B»AUTHORITY	0.20	LAA	4						
	C CLASSIC 25WG	0.04	LAA	4						
	D»COC	1.00	PMV	4						
24A»	CANOPY XL 56.3	0.24	LAA	0					99	99
	B»AUTHORITY	0.20	LAA	4						
	C CLASSIC 25WG	0.04	LAA	4						
	D ROUNDUP ULTRA	0.56	LAA	4						
	E»2,4-D LVE	0.25	LAA	4						
	F AM. SULFATE	17.00	PMG	4						
25A	SENCOR 75WG	0.188	LAA	4					20	73
	B»COC	1.00	PMV	4						
26A	SENCOR 75WG	0.188	LAA	4					87	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C»2,4-D LVE	0.25	LAA	4						
	D AM. SULFATE	17.00	PMG	4						
27A	SENCOR 75WG	0.47	LAA	4					43	99
	B»COC	1.00	PMV	4						
28A	SENCOR 75WG	0.47	LAA	4					99	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C»2,4-D LVE	0.25	LAA	4						
	D AM. SULFATE	17.00	PMG	4						
		LSD (0.05)			6.11	0.00	0.00	7.21	18.67	15.28
		STANDARD DEVIATION			3.06	0.00	0.00	3.61	9.34	7.64

TITLE: USFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS C-600W
CREATED: 11/12/1999 **REVISED:** 11/30/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CAPBP	CHEAL	AMBEL	STEME	CHEAL
		RATE	UNIT		05/11/00	05/11/00	05/11/00	06/01/00	06/01/00
1A	CANOPY 75WG	0.14	LAA	1	99	99	99	75	95
	B»COC	1.00	PMV	1					
2A	CANOPY 75WG	0.14	LAA	1	99	96	83	98	83
	B ROUNDUP ULTRA	0.56	LAA	1					
	C»2,4-D LVE	0.25	LAA	1					
	D AM. SULFATE	17.00	PMG	1					
3A	CANOPY 75WG	0.328	LAA	1	99	98	99	93	93
	B»COC	1.00	PMV	1					
4A	CANOPY 75WG	0.328	LAA	1	99	94	93	99	96
	B ROUNDUP ULTRA	0.56	LAA	1					
	C»2,4-D LVE	0.25	LAA	1					
	D AM. SULFATE	17.00	PMG	1					
5A	ROUNDUP ULTRA	0.56	LAA	1	94	0	0	80	0
	B»2,4-D LVE	0.25	LAA	1					
	C AM. SULFATE	17.00	PMG	1					
6A	CHECK	0.00	NA	0	0	0	0	0	0
7A»	CANOPY XL 56.3	0.088	LAA	0	99	91	83	63	96
	B»AUTHORITY	0.073	LAA	1					
	C CLASSIC 25WG	0.015	LAA	1					
	D»COC	1.00	PMV	1					
8A»	CANOPY XL 56.3	0.088	LAA	0	99	98	98	95	95
	B»AUTHORITY	0.073	LAA	1					
	C CLASSIC 25WG	0.015	LAA	1					
	D ROUNDUP ULTRA	0.56	LAA	1					
	E»2,4-D LVE	0.25	LAA	1					
	F AM. SULFATE	17.00	PMG	1					
9A»	CANOPY XL 56.3	0.24	LAA	0	99	99	99	68	98
	B»AUTHORITY	0.20	LAA	1					
	C CLASSIC 25WG	0.04	LAA	1					
	D»COC	1.00	PMV	1					
10A»	CANOPY XL 56.3	0.24	LAA	0	99	99	99	99	96
	B»AUTHORITY	0.20	LAA	1					
	C CLASSIC 25WG	0.04	LAA	1					
	D ROUNDUP ULTRA	0.56	LAA	1					
	E»2,4-D LVE	0.25	LAA	1					
	F AM. SULFATE	17.00	PMG	1					
11A	SENCOR 75WG	0.188	LAA	1	99	7	13	0	13
	B»COC	1.00	PMV	1					
12A	SENCOR 75WG	0.188	LAA	1	99	7	13	47	0
	B ROUNDUP ULTRA	0.56	LAA	1					
	C»2,4-D LVE	0.25	LAA	1					
	D AM. SULFATE	17.00	PMG	1					
13A	SENCOR 75WG	0.47	LAA	1	99	43	48	37	58
	B»COC	1.00	PMV	1					
14A	SENCOR 75WG	0.47	LAA	1	99	27	46	91	51
	B ROUNDUP ULTRA	0.56	LAA	1					
	C»2,4-D LVE	0.25	LAA	1					
	D AM. SULFATE	17.00	PMG	1					
15A	CANOPY 75WG	0.14	LAA	4	99	98	98	62	96
	B»COC	1.00	PMV	4					
16A	CANOPY 75WG	0.14	LAA	4	99	99	99	98	99
	B ROUNDUP ULTRA	0.56	LAA	4					
	C»2,4-D LVE	0.25	LAA	4					
	D AM. SULFATE	17.00	PMG	4					

TITLE: USFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS C-600W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CAPBP	CHEAL	AMBEL	STEME	CHEAL
		RATE	UNIT		05/11/00	05/11/00	05/11/00	06/01/00	06/01/00
17A	CANOPY 75WG	0.328	LAA	4	99	99	99	73	98
	B»COC	1.00	PMV	4					
18A	CANOPY 75WG	0.328	LAA	4	99	99	99	95	99
	B ROUNDUP ULTRA	0.56	LAA	4					
	C»2,4-D LVE	0.25	LAA	4					
	D AM. SULFATE	17.00	PMG	4					
19A	ROUNDUP ULTRA	0.56	LAA	4	99	72	72	99	45
	B»2,4-D LVE	0.25	LAA	4					
	C AM. SULFATE	17.00	PMG	4					
20A	CHECK	0.00	NA	0	0	0	0	0	0
21A»	CANOPY XL 56.3	0.088	LAA	0	99	96	96	33	95
	B»AUTHORITY	0.073	LAA	4					
	C CLASSIC 25WG	0.015	LAA	4					
	D»COC	1.00	PMV	4					
22A»	CANOPY XL 56.3	0.088	LAA	0	99	96	99	99	93
	B»AUTHORITY	0.073	LAA	4					
	C CLASSIC 25WG	0.015	LAA	4					
	D ROUNDUP ULTRA	0.56	LAA	4					
	E»2,4-D LVE	0.25	LAA	4					
	F AM. SULFATE	17.00	PMG	4					
23A»	CANOPY XL 56.3	0.24	LAA	0	99	98	98	78	95
	B»AUTHORITY	0.20	LAA	4					
	C CLASSIC 25WG	0.04	LAA	4					
	D»COC	1.00	PMV	4					
24A»	CANOPY XL 56.3	0.24	LAA	0	99	96	98	98	98
	B»AUTHORITY	0.20	LAA	4					
	C CLASSIC 25WG	0.04	LAA	4					
	D ROUNDUP ULTRA	0.56	LAA	4					
	E»2,4-D LVE	0.25	LAA	4					
	F AM. SULFATE	17.00	PMG	4					
25A	SENCOR 75WG	0.188	LAA	4	99	66	65	17	68
	B»COC	1.00	PMV	4					
26A	SENCOR 75WG	0.188	LAA	4	99	78	65	96	68
	B ROUNDUP ULTRA	0.56	LAA	4					
	C»2,4-D LVE	0.25	LAA	4					
	D AM. SULFATE	17.00	PMG	4					
27A	SENCOR 75WG	0.47	LAA	4	99	99	99	30	91
	B»COC	1.00	PMV	4					
28A	SENCOR 75WG	0.47	LAA	4	99	99	99	96	96
	B ROUNDUP ULTRA	0.56	LAA	4					
	C»2,4-D LVE	0.25	LAA	4					
	D AM. SULFATE	17.00	PMG	4					
		LSD (0.05)			2.54	19.16	27.50	20.23	25.15
		STANDARD DEVIATION			1.27	9.58	13.75	10.11	12.58

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 01 = ----- / FALL APPL'D 11/18/1999(1)
- 04 = ----- / EPP 30 DBP 04/06/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	STEME		04/05/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM		04/05/2000	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CAPBP		04/05/2000	04	P	BRSSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL		04/05/2000	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	STEME		05/11/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: USFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS C-600W

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
007	LAMAM		05/11/2000	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CAPBP		05/11/2000	04	P	BRSSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL		05/11/2000	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL		05/11/2000	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	STEME		06/01/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL		06/01/2000	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N