

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMA - CORN, FLOUR
 %RESIDUE:
 PLOT WIDTH: 10 X 25 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	69	58	F
% REL.HUMIDITY	34	36	
WIND DIRECTION	SOUTH	NORTHWEST	
WIND SPEED	10.0	3.0	M/H
CLOUD COVER	CLEAR	OVERCAST	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	NA/UNKNOW	
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		---/00	IN
PIONEER 95B53		/	
05/16/2000			
*** PEST ***			
RAGWEED, COMMON	NA/00		IN
	/		
LAMBSQUARTERS, C	NA/00		IN
	/		
DEADNETTLE, PURP	HGH/10	---/19	
	0.50/0.50	6.00/6.00	IN
CHICKWEED, COMMO	HGH/10	---/19	
	0.25/0.25	2.50/2.50	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED; DORMANCY
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BSFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS
CREATED: 11/17/1999 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BROWNSTOWN **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 25.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	LAMPU	STEME	LAMPU	STEME	AMBEL	STEME
		RATE	UNIT		04/06/00	04/06/00	05/17/00	05/17/00	05/17/00	06/05/00
1A	CANOPY 75WG	0.14	LAA	1	96	83	99	75	96	76
	B»COC	1.00	PMV	1						
2A	CANOPY 75WG	0.14	LAA	1	99	96	99	99	80	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	94	99	99	96	99
	B»COC	1.00	PMV	1						
4A	CANOPY 75WG	0.328	LAA	1	99	99	99	99	98	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	30	92	37	83	0	70
	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	47	96	37	86	47
	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	99	99	99	82	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	91	77	99	77	88	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	95	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	73	70	99	0	0	23
	B»COC	1.00	PMV	1						
12A	SENCOR 75WG	0.188	LAA	1	94	93	99	99	0	83
	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	97	88	99	76	0	83
	B»COC	1.00	PMV	1						
14A	SENCOR 75WG	0.47	LAA	1	98	99	99	99	0	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			99	47	99	85
	B»COC	1.00	PMV	4						
16A	CANOPY 75WG	0.14	LAA	4			99	96	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						

TITLE: BSFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	LAMPU	STEME	LAMPU	STEME	AMBEL	STEME
		RATE	UNIT		04/06/00	04/06/00	05/17/00	05/17/00	05/17/00	06/05/00
17A	CANOPY 75WG	0.328	LAA	4			99	85	99	93
	B»COC	1.00	PMV	4						
18A	CANOPY 75WG	0.328	LAA	4			99	99	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						
19A	ROUNDUP ULTRA	0.56	LAA	4			48	99	89	89
	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
21A»	CANOPY XL 56.3	0.088	LAA	0			40	20	99	60
	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			43	94	99	96
	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			93	37	99	46
	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			95	98	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			88	27	85	27
	B»COC	1.00	PMV	4						
26A	SENCOR 75WG	0.188	LAA	4			90	78	73	72
	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	92	85	87
	B»COC	1.00	PMV	4						
28A	SENCOR 75WG	0.47	LAA	4			98	94	93	93
	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)			8.11	7.61	10.05	25.66	15.75	26.49
		STANDARD DEVIATION			4.06	3.80	5.00	12.83	7.88	13.25

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CREATED: 11/17/1999 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BROWNSTOWN **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 25.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBEL
		RATE	UNIT		06/05/00	06/05/00
1A	CANOPY 75WG	0.14	LAA	1	99	68
	B»COC	1.00	PMV	1		
2A	CANOPY 75WG	0.14	LAA	1	99	33
	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
	B»COC	1.00	PMV	1		
4A	CANOPY 75WG	0.328	LAA	1	99	98
	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	7	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
7A»	CANOPY XL 56.3	0.088	LAA	0	99	68
	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	73
	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	92
	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	83
	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	40	7
	B»COC	1.00	PMV	1		
12A	SENCOR 75WG	0.188	LAA	1	66	7
	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	40	0
	B»COC	1.00	PMV	1		
14A	SENCOR 75WG	0.47	LAA	1	40	0
	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	99
	B»COC	1.00	PMV	4		
16A	CANOPY 75WG	0.14	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		

TITLE: BSFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	AMBEL
		RATE	UNIT	TM	06/05/00	06/05/00
17A	CANOPY 75WG	0.328	LAA	4	99	99
	B»COC	1.00	PMV	4		
18A	CANOPY 75WG	0.328	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		
19A	ROUNDUP ULTRA	0.56	LAA	4	99	83
	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	99	96
	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	94
	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	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	99	37
	B»COC	1.00	PMV	4		
26A	SENCOR 75WG	0.188	LAA	4	99	55
	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	70
	B»COC	1.00	PMV	4		
28A	SENCOR 75WG	0.47	LAA	4	99	85
	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)			33.87	26.10
		STANDARD DEVIATION			16.93	13.00

» = 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	LAMPU		04/06/2000	01	P	LAMPU	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME		04/06/2000	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LAMPU		05/17/2000	01	P	LAMPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	STEME		05/17/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL		05/17/2000	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BSFALLNT FALL AND EPP APPLICATIONS IN N.T. RRSOYS

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
007	STEME		06/05/2000	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL		06/05/2000	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMBEL		06/05/2000	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* STAGE CODE

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