

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 75
PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	00 01	
TYPE	LIQMXSPR	
APPLICATION DATE	11/21/01	AME
AIR TEMPERATURE	48	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	COMPACT	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/---	
PIONEER 93B67	/	IN
05/29/2002		
*** PEST ***		
RAGWEED, COMMON	NA/00	IN
	/	
SHEPHERDSPURSE	LOW/19	
	1.00/1.00	IN
CHICKWEED, MOUSE	MED/19	
	0.50/0.50	IN
HORSEWEED	MED/12	
	0.25/0.25	IN
WHITLOWGRASS, SP	HGH/12	
	0.25/0.25	IN
PANICUM, FALL	---/00	
	/	IN
BLUEGRASS, ANNUA	MED/01	
	/	IN
CHICKWEED, COMMO	MED/19	
	0.50/0.50	IN
PENNYCRESS, FIEL	MED/18	
	2.00/2.00	IN

* TIMING CODES

00 = ----- / UNTREATED TIMING
01 = ----- / FALL APPL'D

* STAGE CODE

--- = TO BE SELECTED

* STAGE CODE

00 = DRY SEED; DORMANCY
01 = BEGINNING OF IMIBIBITION
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Fall systems for winter annual weed control - Brownstown E-6

CREATED: 10/31/2001 REVISED: 11/26/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Brownstown

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	CERVU	THLAR	ERPVE	POAAN	CAPBP
		RATE	UNIT		CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02
1A	CANOPY XL 56.3	0.088	LAA	0	99	99	99	99	95	99
	B CLASSIC 25WG	0.015	LAA	1						
	C»AUTHORITY	0.073	LAA	1						
	D EXPRESS 75WG	0.008	LAA	1						
	E 2,4-D-ESTER	0.50	LAA	1						
	F»COC	1.00	PMV	1						
2A	CANOPY XL 56.3	0.123	LAA	0	99	99	99	99	99	99
	B CLASSIC 25WG	0.02	LAA	1						
	C»AUTHORITY	0.103	LAA	1						
	D EXPRESS 75WG	0.008	LAA	1						
	E 2,4-D-ESTER	0.50	LAA	1						
	F»COC	1.00	PMV	1						
3A	CANOPY XL 56.3	0.158	LAA	0	99	99	99	99	95	99
	B CLASSIC 25WG	0.026	LAA	1						
	C»AUTHORITY	0.132	LAA	1						
	D EXPRESS 75WG	0.008	LAA	1						
	E 2,4-D-ESTER	0.50	LAA	1						
	F»COC	1.00	PMV	1						
4A	GLYPHOMAX PLUS	0.56	LAA	1	99	99	99	99	98	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»ACTIVATOR 90	0.25	PMV	1						
	D»LIQUID AMS	5.00	PMV	1						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	VALOR 50WG	0.063	LAA	1	99	99	99	99	96	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
7A	VALOR 50WG	0.063	LAA	1	99	99	99	99	96	99
	B CLASSIC 25WG	0.025	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
8A	VALOR 50WG	0.078	LAA	1	96	96	99	99	94	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
9A	CANOPY 75WG	0.188	LAA	1	90	98	99	99	96	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
10A	SENCOR 75WG	0.375	LAA	1	99	99	99	99	98	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
11A	BACKDRAFT SL 1	0.84	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.75	LAA	1						
	C»ACTIVATOR 90	0.25	PMV	1						
	D»LIQUID AMS	3.67	PMV	1						
12A	BACKDRAFT SL 1	0.84	LAA	1	99	99	99	99	99	99
	B»AUTHORITY	0.188	LAA	1						
	C 2,4-D-ESTER	0.75	LAA	1						
	D»ACTIVATOR 90	0.25	PMV	1						
	E»LIQUID AMS	3.67	PMV	1						
13A	EXTREME 2.17L	0.814	LAA	1	99	99	99	99	98	99
	B 2,4-D-ESTER	0.75	LAA	1						
	C»ACTIVATOR 90	0.25	PMV	1						
	D»LIQUID AMS	3.67	PMV	1						
14A	EXTREME 2.17L	0.814	LAA	1	99	99	99	99	99	99
	B»AUTHORITY	0.188	LAA	1						
	C 2,4-D-ESTER	0.75	LAA	1						
	D»ACTIVATOR 90	0.25	PMV	1						
	E»LIQUID AMS	3.67	PMV	1						

DATA MEAN

TITLE: Fall systems for winter annual weed control - Brownstown E-6

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	CERVU	THLAR	ERPVE	POAAN	CAPBP
		RATE	UNIT		CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02
15A	PYTHON 80WG	0.04	LAA	1	99	99	99	99	99	99
	B»GLYPHOMAX PLUS	0.375	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»ACTIVATOR 90	0.25	PMV	1						
	E»LIQUID AMS	5.00	PMV	1						
16A	PYTHON 80WG	0.05	LAA	1	30	30	99	99	52	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
17A	PYTHON 80WG	0.05	LAA	1	96	96	99	99	87	99
	B SENCOR 75WG	0.188	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
18A	EXPRESS 75WG	0.015	LAA	1	95	95	99	99	60	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
19A	EXPRESS 75WG	0.031	LAA	1	93	93	99	99	68	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
20A	SYNCHRONY STS	0.0066	LAA	1	96	96	99	99	80	99
	B»AUTHORITY	0.164	LAA	1						
	C EXPRESS 75WG	0.008	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
21A	SYNCHRONY STS	0.0066	LAA	1	33	33	99	99	91	99
	B»AUTHORITY	0.164	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
22A	COMMAND 3ME	0.24	LAA	1	98	93	99	99	99	99
	B»AUTHORITY	0.12	LAA	1						
	C EXPRESS 75WG	0.0047	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
23A	COMMAND 3ME	0.30	LAA	1	98	94	99	99	99	99
	B»AUTHORITY	0.15	LAA	1						
	C EXPRESS 75WG	0.0047	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
24A	COMMAND 3ME	0.36	LAA	1	99	98	99	99	99	99
	B»AUTHORITY	0.18	LAA	1						
	C EXPRESS 75WG	0.0047	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
25A	COMMAND 3ME	0.45	LAA	1	99	99	99	99	99	99
	B»AUTHORITY	0.23	LAA	1						
	C EXPRESS 75WG	0.0047	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
26A	AUTHORITY	0.12	LAA	1	99	99	99	99	93	99
	B EXPRESS 75WG	0.0047	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
27A	AUTHORITY	0.12	LAA	1	99	99	99	99	94	99
	B SENCOR 75WG	0.164	LAA	1						
	C EXPRESS 75WG	0.0047	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						
28A	AUTHORITY	0.12	LAA	1	99	99	99	99	94	99
	B EXPRESS 75WG	0.0047	LAA	1						
	C»DUAL II MAGNUM	1.19	LAA	1						
	D 2,4-D-ESTER	0.50	LAA	1						
	E»COC	1.00	PMV	1						

DATA MEAN

TITLE: Fall systems for winter annual weed control - Brownstown E-6

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	CERVU	THLAR	ERPVE	POAAN	CAPBP
		RATE	UNIT		CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02	CON % 04/10/02
29A»	GRAMOX MAX 3SL	0.563	LAA	1	99	99	99	99	99	99
	B SENCOR 75WG	0.188	LAA	1						
	C»COC	1.00	PMV	1						
30A»	TOUCHDOWN 3L	0.56	LAA	1	99	99	99	99	99	99
	B SENCOR 75WG	0.188	LAA	1						
	C»LIQUID AMS	5.00	PMV	1						
31A»	RNDUP ULTRA MA	0.35	LAA	1	99	99	99	99	99	99
	B SENCOR 75WG	0.375	LAA	1						
	C»LIQUID AMS	5.00	PMV	1						
32A	EXPRESS 75WG	0.0047	LAA	1	99	99	99	99	99	99
	B SENCOR 75WG	0.375	LAA	1						
	C»COC	1.00	PMV	1						
			LSD (0.05)		5.00	5.14	0.00	0.00	7.78	0.00
			STANDARD DEVIATION		2.54	2.60	0.00	0.00	3.93	0.00

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CREATED: 10/31/2001 REVISED: 11/26/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Brownstown

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	ERICA	CAPBP	PANDI	AMBEL
		RATE	UNIT		CON % 04/10/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02
1A	CANOPY XL 56.3	0.088	LAA	0	99	99	99	95	96
	B CLASSIC 25WG	0.015	LAA	1					
	C»AUTHORITY	0.073	LAA	1					
	D EXPRESS 75WG	0.008	LAA	1					
	E 2,4-D-ESTER	0.50	LAA	1					
	F»COC	1.00	PMV	1					
2A	CANOPY XL 56.3	0.123	LAA	0	99	99	99	96	96
	B CLASSIC 25WG	0.02	LAA	1					
	C»AUTHORITY	0.103	LAA	1					
	D EXPRESS 75WG	0.008	LAA	1					
	E 2,4-D-ESTER	0.50	LAA	1					
	F»COC	1.00	PMV	1					
3A	CANOPY XL 56.3	0.158	LAA	0	99	99	99	93	95
	B CLASSIC 25WG	0.026	LAA	1					
	C»AUTHORITY	0.132	LAA	1					
	D EXPRESS 75WG	0.008	LAA	1					
	E 2,4-D-ESTER	0.50	LAA	1					
	F»COC	1.00	PMV	1					
4A	GLYPHOMAX PLUS	0.56	LAA	1	99	99	99	0	0
	B 2,4-D-ESTER	0.50	LAA	1					
	C»ACTIVATOR 90	0.25	PMV	1					
	D»LIQUID AMS	5.00	PMV	1					
5A	CHECK	0.00	NA	0	0	0	0	0	0
6A	VALOR 50WG	0.063	LAA	1	99	96	99	53	50
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
7A	VALOR 50WG	0.063	LAA	1	99	99	99	93	96
	B CLASSIC 25WG	0.025	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
8A	VALOR 50WG	0.078	LAA	1	99	99	99	87	60
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
9A	CANOPY 75WG	0.188	LAA	1	99	99	99	93	99
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
10A	SENCOR 75WG	0.375	LAA	1	99	99	99	0	0
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
11A	BACKDRAFT SL 1	0.84	LAA	1	99	99	99	82	83
	B 2,4-D-ESTER	0.75	LAA	1					
	C»ACTIVATOR 90	0.25	PMV	1					
	D»LIQUID AMS	3.67	PMV	1					
12A	BACKDRAFT SL 1	0.84	LAA	1	99	99	99	92	85
	B»AUTHORITY	0.188	LAA	1					
	C 2,4-D-ESTER	0.75	LAA	1					
	D»ACTIVATOR 90	0.25	PMV	1					
	E»LIQUID AMS	3.67	PMV	1					
13A	EXTREME 2.17L	0.814	LAA	1	99	99	99	38	38
	B 2,4-D-ESTER	0.75	LAA	1					
	C»ACTIVATOR 90	0.25	PMV	1					
	D»LIQUID AMS	3.67	PMV	1					
14A	EXTREME 2.17L	0.814	LAA	1	99	96	99	62	60
	B»AUTHORITY	0.188	LAA	1					
	C 2,4-D-ESTER	0.75	LAA	1					
	D»ACTIVATOR 90	0.25	PMV	1					
	E»LIQUID AMS	3.67	PMV	1					

DATA MEAN

TITLE: Fall systems for winter annual weed control - Brownstown E-6

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	ERICA	CAPBP	PANDI	AMBEL
		RATE	UNIT		CON % 04/10/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02
15A	PYTHON 80WG	0.04	LAA	1	99	99	99	27	27
	B»GLYPHOMAX PLUS	0.375	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»ACTIVATOR 90	0.25	PMV	1					
	E»LIQUID AMS	5.00	PMV	1					
16A	PYTHON 80WG	0.05	LAA	1	99	99	99	25	25
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
17A	PYTHON 80WG	0.05	LAA	1	99	99	99	27	28
	B SENCOR 75WG	0.188	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
18A	EXPRESS 75WG	0.015	LAA	1	98	99	99	20	20
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
19A	EXPRESS 75WG	0.031	LAA	1	99	99	99	23	23
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
20A	SYNCHRONY STS	0.0066	LAA	1	98	99	99	88	85
	B»AUTHORITY	0.164	LAA	1					
	C EXPRESS 75WG	0.008	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					
21A	SYNCHRONY STS	0.0066	LAA	1	99	99	99	90	87
	B»AUTHORITY	0.164	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
22A	COMMAND 3ME	0.24	LAA	1	99	99	99	88	25
	B»AUTHORITY	0.12	LAA	1					
	C EXPRESS 75WG	0.0047	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					
23A	COMMAND 3ME	0.30	LAA	1	99	96	99	95	93
	B»AUTHORITY	0.15	LAA	1					
	C EXPRESS 75WG	0.0047	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					
24A	COMMAND 3ME	0.36	LAA	1	99	99	99	90	88
	B»AUTHORITY	0.18	LAA	1					
	C EXPRESS 75WG	0.0047	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					
25A	COMMAND 3ME	0.45	LAA	1	99	99	99	95	90
	B»AUTHORITY	0.23	LAA	1					
	C EXPRESS 75WG	0.0047	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					
26A	AUTHORITY	0.12	LAA	1	99	99	99	43	43
	B EXPRESS 75WG	0.0047	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
27A	AUTHORITY	0.12	LAA	1	99	99	99	53	48
	B SENCOR 75WG	0.164	LAA	1					
	C EXPRESS 75WG	0.0047	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					
28A	AUTHORITY	0.12	LAA	1	99	99	99	53	55
	B EXPRESS 75WG	0.0047	LAA	1					
	C»DUAL II MAGNUM	1.19	LAA	1					
	D 2,4-D-ESTER	0.50	LAA	1					
	E»COC	1.00	PMV	1					

DATA MEAN

TITLE: Fall systems for winter annual weed control - Brownstown E-6

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	ERICA	CAPBP	PANDI	AMBEL
		RATE	UNIT		CON % 04/10/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02
29A»	GRAMOX MAX 3SL	0.563	LAA	1	99	99	96	0	0
	B SENCOR 75WG	0.188	LAA	1					
	C»COC	1.00	PMV	1					
30A»	TOUCHDOWN 3L	0.56	LAA	1	99	99	99	0	0
	B SENCOR 75WG	0.188	LAA	1					
	C»LIQUID AMS	5.00	PMV	1					
31A»	RNDUP ULTRA MA	0.35	LAA	1	99	99	99	0	0
	B SENCOR 75WG	0.375	LAA	1					
	C»LIQUID AMS	5.00	PMV	1					
32A	EXPRESS 75WG	0.0047	LAA	1	99	99	99	27	27
	B SENCOR 75WG	0.375	LAA	1					
	C»COC	1.00	PMV	1					
		LSD (0.05)			0.941	2.64	1.52	7.49	8.43
		STANDARD DEVIATION			0.475	1.32	0.762	3.75	4.21

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING 11/21/2001(1)

01 = ----- / FALL APPL'D 11/21/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	STEME	CON %	04/10/2002	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CERVU	CON %	04/10/2002	02	P	CERVU		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
03	THLAR	CON %	04/10/2002	04	P	THLAR		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
04	ERPVE	CON %	04/10/2002	07	P	ERPVE		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
05	POAAN	CON %	04/10/2002	05	P	POAAN		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
06	CAPBP	CON %	04/10/2002	03	P	CAPBP		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
07	ERICA	CON %	04/10/2002	06	P	ERICA		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
08	ERICA	CON %	05/29/2002	06	P	ERICA		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
09	CAPBP	CON %	05/29/2002	03	P	CAPBP		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
11	PANDI	CON %	05/29/2002	09	P	PANDI		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N
10	AMBEL	CON %	05/29/2002	08	P	AMBEL		RAW	ALL	CON	%	----	1.00 PL	NO	0001	0	N