

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 75  
 PLOT WIDTH: 10 X 30 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	
*** PEST ***		
FOXTAIL, CAROLIN	HGH/12 0.25/0.25	IN
RAGWEED, COMMON	---/00 /	IN
SHEPHERDSPURSE	MED/16 0.50/0.50	IN
CHICKWEED, MOUSE	MED/19 0.75/0.75	IN
HORSEWEED	MED/12 0.25/0.25	IN
WHITLOWGRASS, SP	HGH/12 0.25/0.25	IN
BUTTERCUP, SMALL	MED/16 0.50/0.50	IN
CHICKWEED, COMMO	MED/19 0.75/0.75	IN
PENNYCRESS, FIEL	MED/19 2.00/2.00	IN

\* TIMING CODES

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

\* STAGE CODE

00 = DRY SEED; DORMANCY  
 12 = 2 LEAVES UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

## DATA MEAN

TITLE: Fall systems for winter annual weed control in corn - Brownstown E-2

CREATED: 10/31/2001 REVISED: 11/14/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Brownstown

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CERVU	STEME	RANAB	ALOCA	THLAR	ERPVE
		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	PRINCEP 4L	1.00	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
2A	BASIS (75WG)	0.023	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
	D»LIQUID AMS	5.00	PMV	1						
3A	BASIS (75WG)	0.0155	LAA	1	99	99	99	99	99	99
	B PRINCEP 4L	1.00	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
	E»LIQUID AMS	5.00	PMV	1						
4A	BASIS (75WG)	0.0155	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
	D»LIQUID AMS	5.00	PMV	1						
5A»	RNDUP ULTRA MA	0.56	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»LIQUID AMS	5.00	PMV	1						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	SENCOR 75WG	0.25	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
8A»	VALOR 50WG	0.063	LAA	1	99	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
9A	EXPRESS 75WG	0.031	LAA	1	99	99	99	92	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
10A	2,4-D-ESTER	0.50	LAA	1	62	62	99	77	99	99
	B»COC	1.00	PMV	1						
11A	SENCOR 75WG	0.375	LAA	1	99	99	99	99	99	99
	B 2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
12A»	GRAMOX MAX 3SL	0.488	LAA	1	99	99	99	99	99	99
	B PRINCEP 4L	1.00	LAA	1						
	C 2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
		LSD (0.05)			1.41	1.41	0.00	2.48	0.00	0.00
		STANDARD DEVIATION			0.68	0.68	0.00	1.20	0.00	0.00

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**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **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	ERICA	ALOCA	AMBEL	
		RATE	UNIT		CON % 04/10/02	CON % 05/29/02	CON % 05/29/02	CON % 05/29/02	
1A	PRINCEP 4L	1.00	LAA	1	99	90	91	55	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
2A	BASIS (75WG)	0.023	LAA	1	99	78	90	60	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
	D»LIQUID AMS	5.00	PMV	1					
3A	BASIS (75WG)	0.0155	LAA	1	99	90	93	87	
	B PRINCEP 4L	1.00	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
	E»LIQUID AMS	5.00	PMV	1					
4A	BASIS (75WG)	0.0155	LAA	1	99	90	93	45	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
	D»LIQUID AMS	5.00	PMV	1					
5A»	RNDUP ULTRA MA	0.56	LAA	1	99	90	88	0	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»LIQUID AMS	5.00	PMV	1					
6A	CHECK	0.00	NA	0	0	0	0	0	
7A	SENCOR 75WG	0.25	LAA	1	99	83	82	50	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
8A»	VALOR 50WG	0.063	LAA	1	99	91	91	81	
	B ATRAZINE DF	1.00	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
9A	EXPRESS 75WG	0.031	LAA	1	99	75	50	28	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
10A	2,4-D-ESTER	0.50	LAA	1	99	88	47	0	
	B»COC	1.00	PMV	1					
11A	SENCOR 75WG	0.375	LAA	1	99	87	62	32	
	B 2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
12A»	GRAMOX MAX 3SL	0.488	LAA	1	99	91	93	60	
	B PRINCEP 4L	1.00	LAA	1					
	C 2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
					LSD (0.05)	0.00	9.79	14.34	23.28
					STANDARD DEVIATION	0.00	4.72	6.92	11.23

» = 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	CTRTR	SS	NOTE
01	CERVU	CON %	04/10/2002	02	P	CERVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	STEME	CON %	04/10/2002	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	RANAB	CON %	04/10/2002	03	P	RANAB		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## DATA MEAN

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
04	ALOCA	CON %	04/10/2002	05	P	ALOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	THLAR	CON %	04/10/2002	04	P	THLAR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ERPVE	CON %	04/10/2002	06	P	ERPVE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CAPBP	CON %	04/10/2002	07	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ERICA	CON %	05/29/2002	08	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ALOCA	CON %	05/29/2002	05	P	ALOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	AMBEL	CON %	05/29/2002	09	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N