

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 80  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	01	
TYPE	LIQMXSPR	
APPLICATION DATE	11/17/00	AME
AIR TEMPERATURE	34	F
% REL.HUMIDITY	45	
WIND DIRECTION	NA/NONE/U	
WIND SPEED	0.0	M/H
CLOUD COVER	OVERCAST	
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 ***		
WATERHEMP, COMMO	---/00 0.00/0.00	IN
RAGWEED, COMMON	---/00 0.00/0.00	IN
LAMBSQUARTERS, C	---/00 0.00/0.00	IN
DEADNETTLE, PURP	HGH/12 0.50/0.50	IN
PANICUM, FALL	---/00 0.00/0.00	IN
BLUEGRASS, ROUGH	MED/12 1.50/1.50	IN
BUTTERCUP, SMALL	LOW/14 1.50/1.50	IN
CHICKWEED, COMMO	MED/12 0.50/0.50	IN
CORN, DENT ASGROW 738RR 04/26/2001	---/--- /	IN

\* TIMING CODES

01 = ----- / FALL APPL'D

\* STAGE CODE

--- = TO BE SELECTED  
 00 = DRY SEED; DORMANCY  
 12 = 2 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

## DATA MEAN

TITLE: BCORNFALL FALL AND EPP APP. IN NO-TILL CORN

CREATED: 11/15/2000 REVISED: 11/16/2001

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	ZEAMD	POATR	STEME	LAMPU	RANAB	ZEAMD
		RATE	UNIT		CON % 04/20/01	CON % 04/20/01	CON % 04/20/01	CON % 04/20/01	CON % 04/20/01	CON % 05/14/01
1A	BASIS (75WG)	0.023	LAA	1	0	96	99	99	99	0
	B AM. SULFATE	17.00	PMG	1						
	C»COC	1.00	PMV	1						
2A	BASIS (75WG)	0.023	LAA	1	0	99	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	0						
	C AM. SULFATE	17.00	PMG	1						
	D»COC	1.00	PMV	1						
3A	BASIS (75WG)	0.016	LAA	1	0	91	99	99	99	0
	B PRINCEP 4L	1.00	LAA	1						
	C AM. SULFATE	17.00	PMG	1						
	D»COC	1.00	PMV	1						
4A	BASIS (75WG)	0.016	LAA	1	0	99	99	99	99	0
	B PRINCEP 4L	1.00	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	0						
	D AM. SULFATE	17.00	PMG	1						
	E»COC	1.00	PMV	1						
5A	EXPRESS 75WG	0.016	LAA	1	0	84	99	99	99	0
	B PRINCEP 4L	1.00	LAA	1						
	C AM. SULFATE	17.00	PMG	1						
	D»COC	1.00	PMV	1						
6A	EXPRESS 75WG	0.016	LAA	1	0	67	99	99	99	0
	B PRINCEP 4L	1.00	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	0						
	D AM. SULFATE	17.00	PMG	1						
	E»COC	1.00	PMV	1						
7A	BASIS (75WG)	0.023	LAA	1	0	96	99	99	99	0
	B EXPRESS 75WG	0.016	LAA	1						
	C AM. SULFATE	17.00	PMG	1						
	D»COC	1.00	PMV	1						
8A	BASIS (75WG)	0.023	LAA	1	0	99	99	99	99	0
	B EXPRESS 75WG	0.016	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	0						
	D AM. SULFATE	17.00	PMG	1						
	E»COC	1.00	PMV	1						
9A	ROUNDUP ULTRA	0.563	LAA	1	0	99	99	99	99	0
	B AM. SULFATE	17.00	PMG	1						
10A	ROUNDUP ULTRA	0.563	LAA	1	0	99	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	0						
	C AM. SULFATE	17.00	PMG	1						
11A	(G)2,4-D-ESTER	0.50	LAA	0	0	0	0	33	50	0
	B»COC	1.00	PMV	1						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A»	PYTHON 80WG	0.05	LAA	1	0	55	99	99	90	0
	B SENCOR 75WG	0.234	LAA	1						
	C AM. SULFATE	17.00	PMG	1						
	D»COC	1.00	PMV	1						
14A»	PYTHON 80WG	0.05	LAA	1	0	78	93	94	99	0
	B SENCOR 75WG	0.234	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	0						
	D AM. SULFATE	17.00	PMG	1						
	E»COC	1.00	PMV	1						
15A	PRINCEP 4L	1.00	LAA	1	0	25	99	79	32	0
	B AM. SULFATE	17.00	PMG	1						
	C»COC	1.00	PMV	1						

## DATA MEAN

TITLE: BCORNFALL FALL AND EPP APP. IN NO-TILL CORN

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	ZEAMD	POATR	STEME	LAMPU	RANAB	ZEAMD
	RATE	UNIT		CON %	CON %	CON %	CON %	CON %	CON %
				04/20/01	04/20/01	04/20/01	04/20/01	04/20/01	05/14/01
16A PRINCEP 4L	1.00	LAA	1	0	79	99	93	99	0
B (G) 2,4-D-ESTER	0.50	LAA	0						
C AM. SULFATE	17.00	PMG	1						
D»COC	1.00	PMV	1						
	LSD (0.05)			0.00	22.67	24.86	29.66	23.52	0.00
	STANDARD DEVIATION			0.00	11.09	12.16	14.50	11.50	0.00

## DATA MEAN

TITLE: BCORNFALL FALL AND EPP APP. IN NO-TILL CORN

CREATED: 11/15/2000 REVISED: 11/16/2001

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	POATR	PANDI	AMBEL	CHEAL	AMATA
		RATE	UNIT		CON % 05/14/01	CON % 05/14/01	CON % 05/14/01	CON % 05/14/01	CON % 05/14/01
1A	BASIS (75WG)	0.023	LAA	1	99	78	99	96	98
	B AM. SULFATE	17.00	PMG	1					
	C»COC	1.00	PMV	1					
2A	BASIS (75WG)	0.023	LAA	1	99	75	67	91	95
	B (G)2,4-D-ESTER	0.50	LAA	0					
	C AM. SULFATE	17.00	PMG	1					
	D»COC	1.00	PMV	1					
3A	BASIS (75WG)	0.016	LAA	1	98	33	73	93	98
	B PRINCEP 4L	1.00	LAA	1					
	C AM. SULFATE	17.00	PMG	1					
	D»COC	1.00	PMV	1					
4A	BASIS (75WG)	0.016	LAA	1	99	57	96	99	98
	B PRINCEP 4L	1.00	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	0					
	D AM. SULFATE	17.00	PMG	1					
	E»COC	1.00	PMV	1					
5A	EXPRESS 75WG	0.016	LAA	1	91	17	77	98	93
	B PRINCEP 4L	1.00	LAA	1					
	C AM. SULFATE	17.00	PMG	1					
	D»COC	1.00	PMV	1					
6A	EXPRESS 75WG	0.016	LAA	1	43	30	50	98	99
	B PRINCEP 4L	1.00	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	0					
	D AM. SULFATE	17.00	PMG	1					
	E»COC	1.00	PMV	1					
7A	BASIS (75WG)	0.023	LAA	1	98	88	99	99	99
	B EXPRESS 75WG	0.016	LAA	1					
	C AM. SULFATE	17.00	PMG	1					
	D»COC	1.00	PMV	1					
8A	BASIS (75WG)	0.023	LAA	1	99	78	93	99	98
	B EXPRESS 75WG	0.016	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	0					
	D AM. SULFATE	17.00	PMG	1					
	E»COC	1.00	PMV	1					
9A	ROUNDUP ULTRA	0.563	LAA	1	99	0	0	0	0
	B AM. SULFATE	17.00	PMG	1					
10A	ROUNDUP ULTRA	0.563	LAA	1	98	0	0	0	0
	B (G)2,4-D-ESTER	0.50	LAA	0					
	C AM. SULFATE	17.00	PMG	1					
11A	(G)2,4-D-ESTER	0.50	LAA	0	0	0	0	0	0
	B»COC	1.00	PMV	1					
12A	CHECK	0.00	NA	0	0	0	0	0	0
13A»	PYTHON 80WG	0.05	LAA	1	50	0	0	0	0
	B SENCOR 75WG	0.234	LAA	1					
	C AM. SULFATE	17.00	PMG	1					
	D»COC	1.00	PMV	1					
14A»	PYTHON 80WG	0.05	LAA	1	47	0	0	0	0
	B SENCOR 75WG	0.234	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	0					
	D AM. SULFATE	17.00	PMG	1					
	E»COC	1.00	PMV	1					
15A	PRINCEP 4L	1.00	LAA	1	47	37	89	99	99
	B AM. SULFATE	17.00	PMG	1					
	C»COC	1.00	PMV	1					

DATA MEAN

TITLE: BCORNFALL FALL AND EPP APP. IN NO-TILL CORN

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	POATR	PANDI	AMBEL	CHEAL	AMATA
	RATE	UNIT		CON % 05/14/01	CON % 05/14/01	CON % 05/14/01	CON % 05/14/01	CON % 05/14/01
16A PRINCEP 4L	1.00	LAA	1	82	37	85	98	99
B (G) 2,4-D-ESTER	0.50	LAA	0					
C AM. SULFATE	17.00	PMG	1					
D»COC	1.00	PMV	1					
	LSD (0.05)			20.30	19.41	26.05	3.87	5.48
	STANDARD DEVIATION			9.93	9.49	12.74	1.89	2.68

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 01 = ----- / FALL APPL'D 11/17/2000(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	CON %	04/20/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	POATR	CON %	04/20/2001	02	P	POATR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	STEME	CON %	04/20/2001	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	LAMPU	CON %	04/20/2001	04	P	LAMPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	RANAB	CON %	04/20/2001	05	P	RANAB		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	05/14/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	POATR	CON %	05/14/2001	02	P	POATR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	PANDI	CON %	05/14/2001	07	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	AMBEL	CON %	05/14/2001	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	CHEAL	CON %	05/14/2001	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	AMATA	CON %	05/14/2001	09	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR