

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	06	09	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/04/99	05/11/99	AME
AIR TEMPERATURE	77	78	F
% REL. HUMIDITY	36	72	
WIND DIRECTION	SOUTHEAST	SOUTHWEST	
WIND SPEED	8.0	7.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	
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	5	
NOZZLE SPACING	20.000	18.000	IN
SWATH WIDTH	10.0	7.5	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 ***			
CORN, DENT		---/00	
PIONEER 3335		/	IN
05/11/1999			

* TIMING CODES

06 = ----- / EPP 7DBP
 09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

TITLE: WEED CONTROL SYSTEMS IN NO-TILL SW1600
CREATED: 06/25/1999 **REVISED:** 09/20/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	AMBTR	POLPY	ZEAMD
		RATE	UNIT		CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 07/21/99
1A	GRAMOXONE XTRA	0.78	LAA	6	3	90	92	65	70	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»EPIC 58DF	0.54	LAA	9						
2A	GRAMOXONE XTRA	0.78	LAA	6	0	92	78	90	97	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»FULTIME 4SC	3.25	LAA	9						
3A	GRAMOXONE XTRA	0.78	LAA	6	0	93	83	83	91	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»FULTIME 4SC	3.50	LAA	9						
4A	GRAMOXONE XTRA	0.78	LAA	6	0	80	73	80	90	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»BICEP II MAGNU	2.89	LAA	9						
5A	GRAMOXONE XTRA	0.78	LAA	6	0	93	82	82	96	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»GUARDSMAN	2.80	LAA	9						
6A	GRAMOXONE XTRA	0.78	LAA	6	0	78	92	87	98	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»AXIOM	0.81	LAA	9						
	E»HORNET 85.6WG	0.214	LAA	9						
7A	GRAMOXONE XTRA	0.78	LAA	6	3	92	83	83	93	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»AXIOM	0.41	LAA	9						
	E»BALANCE 75WG	0.094	LAA	9						
8A	GRAMOXONE XTRA	0.78	LAA	6	0	90	80	72	93	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»HARNESS EXTRA	3.78	LAA	9						
9A	GRAMOXONE XTRA	0.78	LAA	6	0	90	82	63	75	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»AXIOM	0.81	LAA	9						
10A	GRAMOXONE XTRA	0.78	LAA	6	3	88	87	75	85	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»AXIOM AT 75WG	3.25	LAA	9						
11A	GRAMOXONE XTRA	0.78	LAA	6	7	90	92	87	99	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»BROADSTRIKE+DU	2.40	LAA	9						
	E ATRAZINE DF	1.00	LAA	9						
12A	GRAMOXONE XTRA	0.78	LAA	6	2	82	93	92	98	0
	B»2,4-D LVE	0.50	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D»BALANCE 75WG	0.094	LAA	9						
		LSD (0.05)			4.46	6.00	6.82	13.94	8.94	0.00
		STANDARD DEVIATION			2.15	2.88	3.29	6.72	4.31	0.00

TITLE: WEED CONTROL SYSTEMS IN NO-TILL SW1600
CREATED: 06/25/1999 **REVISED:** 09/20/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	AMBTR	POLPY
		RATE	UNIT		CON % 07/21/99	CON % 07/21/99	CON % 07/21/99	CON % 07/21/99
1A	GRAMOXONE XTRA	0.78	LAA	6	90	93	73	83
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»EPIC 58DF	0.54	LAA	9				
2A	GRAMOXONE XTRA	0.78	LAA	6	75	88	88	92
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»FULTIME 4SC	3.25	LAA	9				
3A	GRAMOXONE XTRA	0.78	LAA	6	82	85	88	90
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»FULTIME 4SC	3.50	LAA	9				
4A	GRAMOXONE XTRA	0.78	LAA	6	83	80	80	90
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»BICEP II MAGNU	2.89	LAA	9				
5A	GRAMOXONE XTRA	0.78	LAA	6	88	83	88	96
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»GUARDSMAN	2.80	LAA	9				
6A	GRAMOXONE XTRA	0.78	LAA	6	77	83	82	92
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»AXIOM	0.81	LAA	9				
	E»HORNET 85.6WG	0.214	LAA	9				
7A	GRAMOXONE XTRA	0.78	LAA	6	83	82	82	82
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»AXIOM	0.41	LAA	9				
	E»BALANCE 75WG	0.094	LAA	9				
8A	GRAMOXONE XTRA	0.78	LAA	6	83	83	83	92
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»HARNES EXTRA	3.78	LAA	9				
9A	GRAMOXONE XTRA	0.78	LAA	6	82	83	65	80
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»AXIOM	0.81	LAA	9				
10A	GRAMOXONE XTRA	0.78	LAA	6	80	73	72	83
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»AXIOM AT 75WG	3.25	LAA	9				
11A	GRAMOXONE XTRA	0.78	LAA	6	85	92	93	95
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»BROADSTRIKE+DU	2.40	LAA	9				
	E ATRAZINE DF	1.00	LAA	9				
12A	GRAMOXONE XTRA	0.78	LAA	6	82	88	88	93
	B»2,4-D LVE	0.50	LAA	6				
	C»ACTIVATE PLUS	0.25	PMV	6				
	D»BALANCE 75WG	0.094	LAA	9				
		LSD (0.05)			5.37	5.16	5.09	5.43
		STANDARD DEVIATION			2.59	2.49	2.45	2.62

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

*** CONTINUE ON NEXT PAGE

06 = ----- / EPP 7DBP
 06 = ----- / EPP 7DBP 05/04/1999(1)
 09 = ----- / PREEMERGENCE 05/11/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	06/07/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/07/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/07/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	06/07/1999	04	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/07/1999	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/21/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/21/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBTR	CON %	07/21/1999	04	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	07/21/1999	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 3335