

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV. CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/29/02	06/19/02	AME
AIR TEMPERATURE	74	86	F
% REL. HUMIDITY	60	55	
WIND DIRECTION	SOUTH	SOUTHWEST	
WIND SPEED	2.0	4.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	---	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT	---/01	---/15	
PIONEER 33P67	/	11.0/15.0	IN
05/28/2002			

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 11 = ----- / EPOST

\* STAGE CODE

01 = BEGINNING OF IMBIBITION  
 15 = 5 LEAVES UNFOLDED

## DATA MEAN

TITLE: Sequential weed control systems in corn C6  
 CREATED: 05/15/2002 REVISED: 11/06/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: BTOWN C-6 RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	XANST	AMBEL	ABUTH	ZEAMD
		RATE	UNIT	TM	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 08/05/02
1A	DUAL II MAGNUM	1.60	LAA	9	0	70	57	43	50	0
2A	AXIOM	0.72	LAA	9	0	88	93	92	96	0
	B MARKSMAN SC	1.20	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
3A	OUTLOOK 6EC	0.98	LAA	9	0	80	91	95	97	0
	B MARKSMAN SC	1.20	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
4A	DEGREE 3.8SC	1.97	LAA	9	0	63	96	97	99	0
	B YUKON 67.5WG	0.169	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	2.50	PMV	11						
5A	DUAL II MAGNUM	1.60	LAA	9	0	87	27	33	57	0
	B CALLISTO 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
6A	DUAL II MAGNUM	1.60	LAA	9	0	68	28	32	60	0
	B CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	DUAL II MAGNUM	1.60	LAA	9	0	78	38	32	60	0
	B CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
8A	DUAL II MAGNUM	1.60	LAA	9	0	73	45	47	53	0
	B SPIRIT 57WG	0.036	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	DUAL II MAGNUM	0.64	LAA	9	0	57	28	27	27	0
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
10A	DUAL II MAGNUM	0.64	LAA	9	0	70	23	27	30	0
	B STEADFAST 75DF	0.035	LAA	11						
	C DISTINCT 70WG	0.088	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
11A	DUAL II MAGNUM	1.60	LAA	9	0	80	47	53	47	0
	B NORTHSTAR 47.4	0.148	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	DUAL II MAGNUM	1.60	LAA	9	0	75	40	50	43	0
	B HORNET 68.5WG	0.128	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	2.50	PMV	11						
14A	TOPNOTCH (3.2C	2.00	LAA	9	0	92	50	63	60	0
	B HORNET 68.5WG	0.128	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	2.50	PMV	11						

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TITLE: Sequential weed control systems in corn C6

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	XANST	AMBEL	ABUTH	ZEAMD
		RATE	UNIT		CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 08/05/02
15A	DUAL II MAGNUM	1.60	LAA	9	0	78	43	47	47	0
	B»DISTINCT 70WG	0.22	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
16A	HARNESS (7EC)	1.97	LAA	9	0	88	53	60	57	0
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
17A	DEGREE 3.8SC	1.97	LAA	9	0	65	50	63	47	0
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
18A	DEGREE 3.8SC	1.97	LAA	9	0	68	50	50	47	0
	B PERMIT (75WG)	0.031	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
			LSD (0.05)		0.00	20.65	16.08	19.13	14.52	0.00
			STANDARD DEVIATION		0.00	10.22	8.00	9.47	7.18	0.00

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 PROJECT TYPE: HERBICIDE  
 LOCATION: BTOWN C-6 RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	XANST	AMBEL	ABUTH
		RATE	UNIT	TM	CON % 08/05/02	CON % 08/05/02	CON % 08/05/02	CON % 08/05/02
1A	DUAL II MAGNUM	1.60	LAA	9	60	60	55	37
2A	AXIOM	0.72	LAA	9	91	99	99	99
	B MARKSMAN SC	1.20	LAA	11				
	C LIQUID AMS	2.50	PMV	11				
3A	OUTLOOK 6EC	0.98	LAA	9	88	99	99	99
	B MARKSMAN SC	1.20	LAA	11				
	C LIQUID AMS	2.50	PMV	11				
4A	DEGREE 3.8SC	1.97	LAA	9	88	99	99	98
	B YUKON 67.5WG	0.169	LAA	11				
	C ACTIVATOR 90	0.25	PMV	11				
	D LIQUID AMS	2.50	PMV	11				
5A	DUAL II MAGNUM	1.60	LAA	9	70	96	99	99
	B CALLISTO 4SC	0.094	LAA	11				
	C COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
6A	DUAL II MAGNUM	1.60	LAA	9	72	96	99	99
	B CALLISTO 4SC	0.094	LAA	11				
	C ATRAZINE DF	0.25	LAA	11				
	D COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
7A	DUAL II MAGNUM	1.60	LAA	9	78	99	99	99
	B CALLISTO 4SC	0.094	LAA	11				
	C ATRAZINE DF	1.00	LAA	11				
	D COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
8A	DUAL II MAGNUM	1.60	LAA	9	91	99	99	99
	B SPIRIT 57WG	0.036	LAA	11				
	C ATRAZINE DF	1.00	LAA	11				
	D COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
9A	DUAL II MAGNUM	0.64	LAA	9	99	99	99	99
	B STEADFAST 75DF	0.035	LAA	11				
	C CALLISTO 4SC	0.047	LAA	11				
	D ATRAZINE DF	0.25	LAA	11				
	E COC	1.00	PMV	11				
	F 28% UAN	2.50	PMV	11				
10A	DUAL II MAGNUM	0.64	LAA	9	99	99	99	99
	B STEADFAST 75DF	0.035	LAA	11				
	C DISTINCT 70WG	0.088	LAA	11				
	D COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
11A	DUAL II MAGNUM	1.60	LAA	9	98	99	99	99
	B NORTHSTAR 47.4	0.148	LAA	11				
	C COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
12A	CHECK	0.00	NA	0	0	0	0	0
13A	DUAL II MAGNUM	1.60	LAA	9	80	99	99	99
	B HORNET 68.5WG	0.128	LAA	11				
	C ACTIVATOR 90	0.25	PMV	11				
	D LIQUID AMS	2.50	PMV	11				
14A	TOPNOTCH (3.2C	2.00	LAA	9	93	99	99	99
	B HORNET 68.5WG	0.128	LAA	11				
	C ACTIVATOR 90	0.25	PMV	11				
	D LIQUID AMS	2.50	PMV	11				

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TITLE: Sequential weed control systems in corn C6

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	XANST	AMBEL	ABUTH
		RATE	UNIT		CON % 08/05/02	CON % 08/05/02	CON % 08/05/02	CON % 08/05/02
15A	DUAL II MAGNUM	1.60	LAA	9	83	99	99	99
	B»DISTINCT 70WG	0.22	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
16A	HARNESS (7EC)	1.97	LAA	9	82	99	99	99
	B»YUKON 67.5WG	0.169	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
17A	DEGREE 3.8SC	1.97	LAA	9	68	99	99	99
	B»YUKON 67.5WG	0.169	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
18A	DEGREE 3.8SC	1.97	LAA	9	68	99	99	98
	B PERMIT (75WG)	0.031	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
LSD (0.05)					12.81	4.72	7.22	2.64
STANDARD DEVIATION					6.34	2.34	3.57	1.31

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/29/2002(1)  
 11 = ----- / EPOST 06/19/2002(2)

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 %	06/24/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/24/2002	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	XANST	CON %	06/24/2002	03	P	XANST	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	06/24/2002	04	P	AMBEL	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ABUTH	CON %	06/24/2002	05	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	08/05/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	08/05/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	XANST	CON %	08/05/2002	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	AMBEL	CON %	08/05/2002	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ABUTH	CON %	08/05/2002	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P67

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED