

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 26 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMXSPR	
APPLICATION DATE	06/19/02	AME
AIR TEMPERATURE	86	F
% REL.HUMIDITY	55	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/DRY	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/15	
PIONEER 33P71 IM	11.0/15.0	IN
05/29/2002		
*** PEST ***		
WATERHEMP, COMMO	---/17	
	2.00/6.00	IN
FOXTAIL, GIANT	---/12	
	3.00/5.00	IN

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Total postemergence weed control in corn E-1

CREATED: 05/27/2002 REVISED: 09/20/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: BT E-1 SOUTH END

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 26.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
		RATE	UNIT		CON % 07/02/02	CON % 07/02/02	CON % 07/02/02	CON % 08/05/02	CON % 08/05/02	CON % 08/05/02
1A	BICEP II MAGNU	1.16	LAA	11	0	96	96	0	96	96
	B»STEADFAST 75DF	0.035	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
2A	DUAL II MAGNUM	0.64	LAA	11	0	98	86	0	98	86
	B»STEADFAST 75DF	0.035	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
3A	ACCENT 75WG	0.016	LAA	11	0	91	99	0	91	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						
4A	ACCENT 75WG	0.023	LAA	11	0	94	99	0	94	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						
5A	ACCENT 75WG	0.031	LAA	11	0	95	99	0	95	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						
6A	STEADFAST 75DF	0.016	LAA	11	0	94	99	0	94	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						
7A	STEADFAST 75DF	0.023	LAA	11	0	93	99	0	93	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	STEADFAST 75DF	0.035	LAA	11	0	94	99	0	94	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						
9A	BASIS GOLD 90D	0.79	LAA	11	0	98	99	0	98	99
	B»CALLISTO 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A	OPTION 35WDG	0.033	LAA	11	0	95	99	0	95	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						
11A	OPTION 35WDG	0.033	LAA	11	0	96	99	0	96	99
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0

DATA MEAN

TITLE: Total postemergence weed control in corn E-1

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
		RATE	UNIT		CON % 07/02/02	CON % 07/02/02	CON % 07/02/02	CON % 08/05/02	CON % 08/05/02	CON % 08/05/02
13A»	STEADFAST 75DF	0.035	LAA	11	0	95	99	0	95	99
	B»CALLISTO 4SC	0.047	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
14A»	STEADFAST 75DF	0.035	LAA	11	0	96	85	0	96	85
	B ATRAZINE DF	1.00	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						
15A»	STEADFAST 75DF	0.035	LAA	11	0	99	60	0	99	60
	B»COC	1.00	PMV	11						
	C»LIQUID AMS	5.00	PMV	11						
16A»	ACCENT GOLD 83	0.151	LAA	0	0	96	80	0	96	80
	B»DPX-79406 75DF	0.023	LAA	11						
	C»HORNET 68.5WG	0.128	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
17A	ACCENT 75WG	0.023	LAA	11	0	99	47	0	99	47
	B»HORNET 68.5WG	0.128	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
18A	ACCENT 75WG	0.023	LAA	11	0	95	90	0	94	90
	B»DISTINCT 70WG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
19A»	STEADFAST 75DF	0.035	LAA	11	0	99	84	0	99	84
	B»HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
20A»	CELEBRITY PLUS	0.21	LAA	11	0	94	85	0	94	85
	B»ACTIVATOR 90	0.25	PMV	11						
	C»LIQUID AMS	2.50	PMV	11						
21A»	OPTION 35WDG	0.033	LAA	11	0	99	83	0	99	83
	B»DISTINCT 70WG	0.175	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
22A»	OPTION 35WDG	0.033	LAA	11	0	99	43	0	99	43
	B»MSO	1.00	PMV	11						
	C»LIQUID AMS	5.00	PMV	11						
23A»	OPTION 35WDG	0.033	LAA	11	0	90	89	0	90	92
	B ATRAZINE DF	1.00	LAA	11						
	C»MSO	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						
24A»	OPTION 35WDG	0.022	LAA	11	0	96	99	0	96	99
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
		LSD (0.05)			0.00	4.77	8.07	0.00	4.67	8.21
		STANDARD DEVIATION			0.00	2.38	4.00	0.00	2.33	4.10

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

11 = ----- / EPOST 06/19/2002(1)

DATA MEAN

TITLE: Total postemergence weed control in corn E-1

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
01	ZEAMD	CON %	07/02/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	07/02/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMATA	CON %	07/02/2002	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	08/05/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SETFA	CON %	08/05/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMATA	CON %	08/05/2002	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P71 IMI