

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	05/25/04	AME
AIR TEMPERATURE	69	F
% REL.HUMIDITY	58	
WIND DIRECTION	WEST	
WIND SPEED	5.8	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	SPECIAL	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	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	
*** CROP ***		
CORN, DENT	HGH/33	
ASGROW 718 RR/YG	4.00/6.00	IN
04/29/2004		
*** PEST ***		
VELVETLEAF	MED/11	
	1.00/1.75	IN
RAGWEED, GIANT	HGH/13	
	3.00/5.00	IN
LAMBSQUARTERS, C	MED/10	
	0.50/1.00	IN
FOXTAIL, GIANT	MED/13	
	2.00/4.00	IN

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 13 = 3 LEAVES UNFOLDED
 33 = 3 NODES DETECTABLE

TITLE: Total Postemergence Weed Control in Corn SW-1600
CREATED: 04/21/2004 **REVISED:** 12/12/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **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	CHEAL	AMBTR	ZEAMD
		RATE	UNIT		CON % 06/08/04	CON % 06/08/04	CON % 06/08/04	CON % 06/08/04	CON % 06/08/04	CON % 06/28/04
1A	»OPTION 35WDG	0.033	LAA	11	2	99	97	93	78	2
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.00	PMV	11						
2A	»EQUIP 62WG	0.058	LAA	11	3	99	99	95	89	0
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.00	PMV	11						
3A	»OPTION 35WDG	0.033	LAA	11	9	99	99	99	82	0
	B»DISTINCT 70WG	0.088	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.00	PMV	11						
4A	»EQUIP 62WG	0.058	LAA	11	6	99	99	99	87	3
	B»DISTINCT 70WG	0.088	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.00	PMV	11						
5A	»OPTION 35WDG	0.033	LAA	11	4	99	99	99	93	0
	B»CALLISTO 4SC	0.063	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.00	PMV	11						
6A	»EQUIP 62WG	0.058	LAA	11	10	99	99	99	95	7
	B»CALLISTO 4SC	0.063	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.00	PMV	11						
7A	»OPTION 35WDG	0.033	LAA	11	6	99	98	99	65	5
	B»DEFINE 4SC	0.375	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.00	PMV	11						
8A	»EQUIP 62WG	0.058	LAA	11	2	99	98	99	91	0
	B»DEFINE 4SC	0.375	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.00	PMV	11						
9A	»STEADFAST 75DF	0.035	LAA	11	5	99	99	99	92	0
	B»CALLISTO 4SC	0.047	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.00	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	»STEADFAST 75DF	0.035	LAA	11	9	99	99	99	85	2
	B»CALLISTO 4SC	0.047	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.00	PMV	11						
12A	»STEADFAST 75DF	0.035	LAA	11	8	99	99	99	96	0
	B»CALLISTO 4SC	0.047	LAA	11						
	C ATRAZINE DF	0.375	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.00	PMV	11						
13A	»STEADFAST 75DF	0.035	LAA	11	9	99	99	99	91	3
	B»DISTINCT 70WG	0.088	LAA	11						
	C ATRAZINE DF	0.125	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.00	PMV	11						
14A	»STEADFAST 75DF	0.035	LAA	11	2	99	99	99	92	0
	B»HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.00	PMV	11						

TITLE: Total Postemergence Weed Control in Corn SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	ABUTH	CHEAL	AMBTR	ZEAMD
		RATE	UNIT TM	CON % 06/08/04	CON % 06/08/04	CON % 06/08/04	CON % 06/08/04	CON % 06/08/04	CON % 06/28/04
15A	ACCENT 75WG	0.031	LAA 11	10	99	99	99	98	6
	B»CALLISTO 4SC	0.094	LAA 11						
	C ATRAZINE DF	1.00	LAA 11						
	D»COC	1.00	PMV 11						
	E 28% UAN	2.00	PMV 11						
16A»	PRIORITY 62.5W	0.039	LAA 11	13	99	99	99	92	7
	B»STEADFAST 75DF	0.035	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»COC	1.00	PMV 11						
	E 28% UAN	2.00	PMV 11						
		LSD (0.05)		7.00	0.329	1.00	3.23	11.42	6.58
		STANDARD DEVIATION		3.42	0.161	0.484	1.58	5.59	3.22

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LOCATION: DeKalb **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	CHEAL	AMBTR
		RATE	UNIT		CON % 06/28/04	CON % 06/28/04	CON % 06/28/04	CON % 06/28/04
1A	»OPTION 35WDG	0.033	LAA	11	85	78	42	52
	B»MSO	1.00	PMV	11				
	C 28% UAN	2.00	PMV	11				
2A	»EQUIP 62WG	0.058	LAA	11	81	84	80	58
	B»MSO	1.00	PMV	11				
	C 28% UAN	2.00	PMV	11				
3A	»OPTION 35WDG	0.033	LAA	11	94	92	87	57
	B»DISTINCT 70WG	0.088	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.00	PMV	11				
4A	»EQUIP 62WG	0.058	LAA	11	94	97	98	64
	B»DISTINCT 70WG	0.088	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.00	PMV	11				
5A	»OPTION 35WDG	0.033	LAA	11	95	99	99	80
	B»CALLISTO 4SC	0.063	LAA	11				
	C ATRAZINE DF	0.25	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.00	PMV	11				
6A	»EQUIP 62WG	0.058	LAA	11	92	99	99	93
	B»CALLISTO 4SC	0.063	LAA	11				
	C ATRAZINE DF	0.25	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.00	PMV	11				
7A	»OPTION 35WDG	0.033	LAA	11	98	95	94	38
	B»DEFINE 4SC	0.375	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.00	PMV	11				
8A	»EQUIP 62WG	0.058	LAA	11	98	94	97	88
	B»DEFINE 4SC	0.375	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.00	PMV	11				
9A	»STEADFAST 75DF	0.035	LAA	11	93	99	99	87
	B»CALLISTO 4SC	0.047	LAA	11				
	C ATRAZINE DF	0.25	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.00	PMV	11				
10A	CHECK	0.00	NA	0	0	0	0	0
11A	»STEADFAST 75DF	0.035	LAA	11	93	99	99	74
	B»CALLISTO 4SC	0.047	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.00	PMV	11				
12A	»STEADFAST 75DF	0.035	LAA	11	89	99	99	92
	B»CALLISTO 4SC	0.047	LAA	11				
	C ATRAZINE DF	0.375	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.00	PMV	11				
13A	»STEADFAST 75DF	0.035	LAA	11	94	97	99	84
	B»DISTINCT 70WG	0.088	LAA	11				
	C ATRAZINE DF	0.125	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.00	PMV	11				
14A	»STEADFAST 75DF	0.035	LAA	11	94	99	99	97
	B»HORNET 68.5WG	0.128	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.00	PMV	11				

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TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	ABUTH	CHEAL	AMBTR
		RATE	UNIT	CON % 06/28/04	CON % 06/28/04	CON % 06/28/04	CON % 06/28/04
15A	ACCENT 75WG	0.031	LAA 11	92	99	99	89
	B»CALLISTO 4SC	0.094	LAA 11				
	C ATRAZINE DF	1.00	LAA 11				
	D»COC	1.00	PMV 11				
	E 28% UAN	2.00	PMV 11				
16A»	PRIORITY 62.5W	0.039	LAA 11	96	98	99	79
	B»STEADFAST 75DF	0.035	LAA 11				
	C ATRAZINE DF	0.50	LAA 11				
	D»COC	1.00	PMV 11				
	E 28% UAN	2.00	PMV 11				
LSD (0.05)				12.16	11.55	15.05	19.75
STANDARD DEVIATION				6.00	5.66	7.37	9.67

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
11 = ----- / EPOST 05/25/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/08/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/08/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/08/2004	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/08/2004	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBTR	CON %	06/08/2004	05	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/28/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/28/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	06/28/2004	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/28/2004	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMBTR	CON %	06/28/2004	05	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 718 RR/YG