

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.7  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE:  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/28/99	06/07/99	06/11/99	AME
AIR TEMPERATURE	77	87	85	F
% REL.HUMIDITY	55	65	77	
WIND DIRECTION	WEST	SOUTHWEST	SOUTH	
WIND SPEED	3.0	5.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	OVERCAST	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT				
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT	---/13	---/15	---/16	
DEKALB 592SR	6.00/8.00	16.0/18.0	22.0/22.0	IN
04/30/1999				
*** PEST ***				
VELVETLEAF	---/12	---/15	---/17	
	1.00/2.00	3.00/5.00	4.00/6.00	IN
LAMBSQUARTERS, C	---/15	---/19	---/19	
	1.00/2.00	2.00/4.00	3.00/6.00	IN
MORNINGGLORY, TA	---/11	---/14	---/16	
	1.00/1.00	1.00/2.00	2.00/3.00	IN

\* TIMING CODES

11 = ----- / EPOST  
 12 = ----- / POST  
 13 = ----- / LPOST

\* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED  
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 13 = 3 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 16 = 6 LEAVES UNFOLDED  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** CPOBDLV POST BROADLEAF HERBICIDES IN S.R. CORN AS-200  
**CREATED:** 04/28/1999 **REVISED:** 07/27/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** URBANA **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	PHBPU	ABUTH	CHEAL	ZEAMD	PHBPU
		RATE	UNIT		CON % 06/21/99	CON % 06/21/99	CON % 06/21/99	CON % 06/21/99	CON % 07/08/99	CON % 07/08/99
1A	»AIM 40 DF	0.008	LAA 12		7	88	99	65	0	67
B	»ACTIVATE PLUS	0.25	PMV 12							
2A	»AIM 40 DF	0.008	LAA 12		5	80	99	75	0	67
B	»ATRAZINE DF	0.75	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
3A	»AIM 40 DF	0.008	LAA 12		10	99	99	99	0	99
B	»CLARITY	0.25	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
4A	»AIM 40 DF	0.008	LAA 12		7	99	99	99	0	99
B	»ATRAZINE DF	0.75	LAA 12							
C	»CLARITY	0.25	LAA 12							
D	»ACTIVATE PLUS	0.25	PMV 12							
5A	»AIM 40 DF	0.008	LAA 12		8	95	99	65	0	88
B	»ACCENT 75WG	0.031	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
D	»28% UAN	5.00	PMV 12							
6A	»AIM 40 DF	0.008	LAA 12		7	90	99	70	0	83
B	»BEACON 75WG	0.018	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
7A	»AIM 40 DF	0.008	LAA 12		8	99	99	99	0	99
B	»MARKSMAN SC	0.80	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
8A	»AIM 40 DF	0.008	LAA 12		8	77	99	77	0	58
B	»HORNET 85.6WG	0.128	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
9A	CHECK	0.00	NA 0		0	0	0	0	0	0
10A	»AIM 40 DF	0.008	LAA 12		7	73	91	55	0	72
B	»PERMIT (75WG)	0.032	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
11A	»AIM 40 DF	0.008	LAA 12		7	93	99	90	0	83
B	»EXCEED 57 WDG	0.036	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
D	»28% UAN	5.00	PMV 12							
12A	»AIM 40 DF	0.008	LAA 12		8	84	99	80	0	70
B	»SPIRIT 57WG	0.036	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
D	»28% UAN	5.00	PMV 12							
13A	»AIM 40 DF	0.008	LAA 12		15	93	99	93	0	85
B	»ACCENT GOLD 83	0.152	LAA 0							
C	»DPX-79406 75DF	0.024	LAA 12							
D	»HORNET 85.6WG	0.128	LAA 12							
E	»ACTIVATE PLUS	0.25	PMV 12							
F	»28% UAN	5.00	PMV 12							
14A	»AIM 40 DF	0.008	LAA 12		13	98	99	99	0	92
B	»SHOTGUN	0.81	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
D	»28% UAN	5.00	PMV 12							
15A	»AIM 40 DF	0.008	LAA 12		8	99	99	99	0	98
B	»LADDOK SP-12 (	0.83	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							
D	»28% UAN	5.00	PMV 12							
16A	»AIM 40 DF	0.008	LAA 12		8	85	99	78	0	98
B	»NORTHSTAR 47.4	0.148	LAA 12							
C	»ACTIVATE PLUS	0.25	PMV 12							



**TITLE:** CPOBDLV POST BROADLEAF HERBICIDES IN S.R. CORN AS-200  
**CREATED:** 04/28/1999 **REVISED:** 07/27/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** URBANA **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	CHEAL
		RATE	UNIT		CON % 07/08/99	CON % 07/08/99
1A	AIM 40 DF	0.008	LAA 12		99	52
B	ACTIVATE PLUS	0.25	PMV 12			
2A	AIM 40 DF	0.008	LAA 12		99	57
B	ATRAZINE DF	0.75	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
3A	AIM 40 DF	0.008	LAA 12		98	99
B	CLARITY	0.25	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
4A	AIM 40 DF	0.008	LAA 12		99	99
B	ATRAZINE DF	0.75	LAA 12			
C	CLARITY	0.25	LAA 12			
D	ACTIVATE PLUS	0.25	PMV 12			
5A	AIM 40 DF	0.008	LAA 12		99	47
B	ACCENT 75WG	0.031	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
D	28% UAN	5.00	PMV 12			
6A	AIM 40 DF	0.008	LAA 12		99	55
B	BEACON 75WG	0.018	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
7A	AIM 40 DF	0.008	LAA 12		99	99
B	MARKSMAN SC	0.80	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
8A	AIM 40 DF	0.008	LAA 12		99	62
B	HORNET 85.6WG	0.128	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
9A	CHECK	0.00	NA 0		0	0
10A	AIM 40 DF	0.008	LAA 12		99	57
B	PERMIT (75WG)	0.032	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
11A	AIM 40 DF	0.008	LAA 12		99	80
B	EXCEED 57 WDG	0.036	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
D	28% UAN	5.00	PMV 12			
12A	AIM 40 DF	0.008	LAA 12		99	68
B	SPIRIT 57WG	0.036	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
D	28% UAN	5.00	PMV 12			
13A	AIM 40 DF	0.008	LAA 12		99	87
B	ACCENT GOLD 83	0.152	LAA 0			
C	DPX-79406 75DF	0.024	LAA 12			
D	HORNET 85.6WG	0.128	LAA 12			
E	ACTIVATE PLUS	0.25	PMV 12			
F	28% UAN	5.00	PMV 12			
14A	AIM 40 DF	0.008	LAA 12		99	99
B	SHOTGUN	0.81	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
D	28% UAN	5.00	PMV 12			
15A	AIM 40 DF	0.008	LAA 12		99	98
B	LADDOK SP-12 (	0.83	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			
D	28% UAN	5.00	PMV 12			
16A	AIM 40 DF	0.008	LAA 12		96	96
B	NORTHSTAR 47.4	0.148	LAA 12			
C	ACTIVATE PLUS	0.25	PMV 12			



## TITLE: CPOBDLV POST BROADLEAF HERBICIDES IN S.R. CORN AS-200

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 %	06/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PHBPU	CON %	06/21/1999	02	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/21/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/21/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/08/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	07/08/1999	02	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	07/08/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	07/08/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 592SR