

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 7.5 X 29 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/10/99	06/15/99	06/22/99	AME
AIR TEMPERATURE	83	67	73	F
% REL.HUMIDITY	68	45	84	
WIND DIRECTION	SOUTH	NORTHEAST	SOUTH	
WIND SPEED	7.0	7.0	2.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	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	---/12	---/13	---/15	
PIONEER 34G81	5.00/6.00	8.00/10.0	12.0/14.0	IN
05/03/1999				
*** PEST ***				
VELVETLEAF	---/11	---/13	---/16	
LAMBSQUARTERS, C	1.00/2.00	2.00/3.00	4.00/8.00	IN
	---/14	---/16	---/19	
	1.00/1.00	1.00/2.00	3.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

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

TITLE: TOTAL POST CORN HERBICIDE PROGRAM ON BROADLEAFS SW-1500
CREATED: 04/21/1999 **REVISED:** 09/10/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ABUTH	CHEAL	ZEAMD	ABUTH	CHEAL
		RATE	UNIT		CON % 06/30/99	CON % 06/30/99	CON % 06/30/99	CON % 07/21/99	CON % 07/21/99	CON % 07/21/99
1A	MARKSMAN SC	1.40	LAA	11	0	96	96	0	93	95
B	28% UAN	2.50	PMV	11						
2A	CLARITY	0.50	LAA	11	0	98	98	0	98	98
B	28% UAN	2.50	PMV	11						
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A	»DISTINCT 70WG	0.263	LAA	12	0	92	93	0	93	93
B	»ACTIVATE PLUS	0.25	PMV	12						
C	28% UAN	1.25	PMV	12						
5A	»BUCTRIL+ATRAZ.	0.75	LAA	12	0	83	93	0	83	88
6A	»SPIRIT 57WG	0.036	LAA	12	0	67	77	0	77	82
B	»ACTIVATE PLUS	0.25	PMV	12						
C	28% UAN	2.50	PMV	12						
7A	»NORTHSTAR 47.4	0.148	LAA	12	0	70	70	0	68	68
B	»ACTIVATE PLUS	0.25	PMV	12						
C	28% UAN	2.50	PMV	12						
8A	»HORNET 85.6WG	0.128	LAA	12	0	92	87	0	92	90
B	»ACTIVATE PLUS	0.25	PMV	12						
C	28% UAN	2.50	PMV	12						
9A	»LADDOK S12	1.25	LAA	12	0	92	95	0	90	92
B	28% UAN	2.50	PMV	12						
10A	»BASIS GOLD 90D	0.782	LAA	12	0	67	80	0	72	78
B	»COC	1.00	PMV	12						
C	28% UAN	2.50	PMV	12						
11A	»BASIS GOLD 90D	0.782	LAA	12	0	88	93	0	83	90
B	»NORTHSTAR 47.4	0.148	LAA	12						
C	»COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
12A	»BASIS GOLD 90D	0.782	LAA	12	0	68	82	0	65	82
B	»DISTINCT 70WG	0.0875	LAA	12						
C	»COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
13A	»BASIS GOLD 90D	0.782	LAA	12	0	93	93	0	88	87
B	»CLARITY	0.50	LAA	12						
C	»COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
14A	»BASIS GOLD 90D	0.782	LAA	12	0	73	77	0	73	80
B	»SPIRIT 57WG	0.018	LAA	12						
C	»COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
15A	»DISTINCT 70WG	0.175	LAA	13	0	75	63	0	65	62
B	»ACTIVATE PLUS	0.25	PMV	13						
C	28% UAN	1.25	PMV	13						
16A	»HORNET 85.6WG	0.128	LAA	13	0	68	55	0	65	52
B	»ACTIVATE PLUS	0.25	PMV	13						
C	28% UAN	2.50	PMV	13						
17A	»SPIRIT 57WG	0.036	LAA	13	0	53	47	0	47	37
B	»ACTIVATE PLUS	0.25	PMV	13						
C	28% UAN	2.50	PMV	13						
18A	»NORTHSTAR 47.4	0.148	LAA	13	0		0	0	0	0
B	»ACTIVATE PLUS	0.25	PMV	13						
C	28% UAN	2.50	PMV	13						

TITLE: TOTAL POST CORN HERBICIDE PROGRAM ON BROADLEAFS SW-1500
 LSD (0.05) 0.00 6.46 4.92 0.00 6.20 4.61
 STANDARD DEVIATION 0.00 3.20 2.44 0.00 3.07 2.28

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/10/1999(1)
 12 = ----- / POST 06/15/1999(2)
 13 = ----- / LPOST 06/22/1999(3)

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 %	06/30/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ABUTH	CON %	06/30/1999	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/30/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	07/21/1999	02	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	07/21/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34G81