

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.3
%OM: 4.7
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMXSPR	
APPLICATION DATE	05/24/00	AME
AIR TEMPERATURE	80	F
% REL. HUMIDITY	62	
WIND DIRECTION	WEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
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	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/14	
PIONEER 33G27	6.00/8.00	IN
04/28/2000		
*** PEST ***		
VELVETLEAF	LOW/12	
	2.00/2.00	IN
LAMBSQUARTERS, C	MED/16	
	2.00/4.00	IN
SMARTWEED, PENNS	HGH/19	
	3.00/3.00	IN
FOXTAIL, GIANT	MED/12	
	2.00/2.00	IN

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CTOTPOS TOTAL POSTEMERGENCE WEED CONTROL IN CORN C-400
CREATED: 04/19/2000 **REVISED:** 11/30/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	POLPY	CHEAL	ABUTH	ZEAMD
		RATE	UNIT		INJURY 05/31/00	05/31/00	05/31/00	05/31/00	05/31/00	06/21/00
1A»	BASIS GOLD 90D	0.78	LAA 11		5	95	95	95	95	0
B»	HERBIMAX	1.00	PMV 11							
C	AM. SULFATE	10.00	PMG 11							
2A»	BASIS GOLD 90D	0.59	LAA 11		5	93	92	93	95	0
B»	HERBIMAX	1.00	PMV 11							
C	AM. SULFATE	10.00	PMG 11							
3A»	BASIS GOLD 90D	0.59	LAA 11		5	92	92	95	95	0
B»	LI 810	0.25	PMV 11							
C	AM. SULFATE	10.00	PMG 11							
4A»	BASIS GOLD 90D	0.59	LAA 11		5	95	93	95	94	0
B»	LI 810	0.50	PMV 11							
C	AM. SULFATE	10.00	PMG 11							
5A	CHECK	0.00	NA 0		0	0	0	0	0	0
6A»	BASIS GOLD 90D	0.59	LAA 11		5	95	95	95	95	0
B»	LI 810	1.00	PMV 11							
C	AM. SULFATE	10.00	PMG 11							
7A»	BASIS GOLD 90D	0.59	LAA 11		5	96	95	96	95	0
B»	PHASE	0.50	PMV 11							
C	AM. SULFATE	10.00	PMG 11							
8A»	BASIS GOLD 90D	0.59	LAA 11		5	93	94	93	95	0
B»	EFFECTIVE	1.56	PMV 11							
9A»	BASIS GOLD 90D	0.59	LAA 11		5	94	94	94	94	0
B»	VORTEX	1.25	PMV 11							
		LSD (0.05)			0.00	4.08	2.76	2.63	1.00	0.00
		STANDARD DEVIATION			0.00	1.92	1.30	1.24	0.458	0.00

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TRT	TREATMENT	DOSAGE		TM	SETFA	POLPY	CHEAL	ABUTH	YIELD
		NUM	COMPONENT		06/21/00	06/21/00	06/21/00	06/21/00	10/19/00
1A	BASIS GOLD 90D	0.78	LAA 11		88	90	92	88	167.4
B	HERBIMAX	1.00	PMV 11						
C	AM. SULFATE	10.00	PMG 11						
2A	BASIS GOLD 90D	0.59	LAA 11		88	87	90	87	170.7
B	HERBIMAX	1.00	PMV 11						
C	AM. SULFATE	10.00	PMG 11						
3A	BASIS GOLD 90D	0.59	LAA 11		87	80	90	87	176.6
B	LI 810	0.25	PMV 11						
C	AM. SULFATE	10.00	PMG 11						
4A	BASIS GOLD 90D	0.59	LAA 11		88	87	88	87	166.5
B	LI 810	0.50	PMV 11						
C	AM. SULFATE	10.00	PMG 11						
5A	CHECK	0.00	NA 0		0	0	0	0	147.5
6A	BASIS GOLD 90D	0.59	LAA 11		92	90	92	90	182.2
B	LI 810	1.00	PMV 11						
C	AM. SULFATE	10.00	PMG 11						
7A	BASIS GOLD 90D	0.59	LAA 11		93	92	92	92	181.7
B	PHASE	0.50	PMV 11						
C	AM. SULFATE	10.00	PMG 11						
8A	BASIS GOLD 90D	0.59	LAA 11		87	87	90	87	162.5
B	EFFECTIVE	1.56	PMV 11						
9A	BASIS GOLD 90D	0.59	LAA 11		92	90	90	85	178.0
B	VORTEX	1.25	PMV 11						
LSD (0.05)					6.29	5.83	4.64	4.16	18.55
STANDARD DEVIATION					3.00	2.75	2.19	2.00	8.75

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 05/24/2000(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	INJURY	05/31/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		05/31/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY		05/31/2000	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL		05/31/2000	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH		05/31/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD		06/21/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA		06/21/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY		06/21/2000	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL		06/21/2000	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH		06/21/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/19/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G27