

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMXSPR	
APPLICATION DATE	05/23/00	AME
AIR TEMPERATURE	76	F
% REL.HUMIDITY	88	
WIND DIRECTION	WEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLOUDY	
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	---/12	
PIONEER 33G27	5.00/5.00	IN
05/03/2000		
*** PEST ***		
PIGWEEED, SMOOTH	---/16	
	2.00/2.00	IN
LAMBSQUARTERS, C	---/16	
	2.00/2.00	IN
SMARTWEED, PENNS	---/18	
	3.00/3.00	IN
FOXTAIL, GIANT	---/11	
	2.00/2.00	IN
COCKLEBUR, COMMO	---/11	
	1.00/1.00	IN

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CPOSPGR CORN POST TANK MIXES/TOLERANCE C-500
CREATED: 04/11/2000 **REVISED:** 07/25/2000 **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	AMACH	CHEAL	XANST
		RATE	UNIT		05/31/00	05/31/00	05/31/00	05/31/00	05/23/00	05/31/00
1A	BASIS GOLD 90D	0.79	LAA 11		0	72	93	99	94	68
	B»DISTINCT 70WG	0.044	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
2A	BASIS GOLD 90D	0.79	LAA 11		0	73	96	99	99	77
	B»DISTINCT 70WG	0.088	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
3A	BASIS GOLD 90D	0.79	LAA 11		0	85	99	99	99	78
	B»DISTINCT 70WG	0.175	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
4A	BASIS GOLD 90D	0.79	LAA 11		0	72	99	99	99	60
	B»DISTINCT 70WG	0.044	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
5A	BASIS GOLD 90D	0.79	LAA 11		0	72	99	99	99	67
	B»DISTINCT 70WG	0.088	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
6A	CHECK	0.00	NA 0		0	0	0	0	0	0
7A	BASIS GOLD 90D	0.79	LAA 11		0	67	99	99	99	67
	B»DISTINCT 70WG	0.175	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
8A	BASIS GOLD 90D	0.79	LAA 11		0	63	83	95	73	60
	B CLARITY	0.125	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
9A	ACCENT GOLD 83	0.152	LAA 0		0	78	99	99	99	82
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D»DISTINCT 70WG	0.044	LAA 11							
	E»COC	1.00	PMV 11							
	F AM. SULFATE	10.00	PMG 11							
10A	ACCENT GOLD 83	0.152	LAA 0		0	72	99	99	99	85
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D»DISTINCT 70WG	0.088	LAA 11							
	E»COC	1.00	PMV 11							
	F AM. SULFATE	10.00	PMG 11							
11A	ACCENT GOLD 83	0.152	LAA 0		0	79	96	99	95	68
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D»DISTINCT 70WG	0.044	LAA 11							
	E»ACTIVATOR 90	0.25	PMV 11							
	F AM. SULFATE	10.00	PMG 11							
12A	ACCENT GOLD 83	0.152	LAA 0		0	87	99	99	99	82
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D»DISTINCT 70WG	0.088	LAA 11							
	E»ACTIVATOR 90	0.25	PMV 11							
	F AM. SULFATE	10.00	PMG 11							
13A	ACCENT GOLD 83	0.152	LAA 0		0	82	99	99	99	68
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D CLARITY	0.125	LAA 11							
	E»COC	1.00	PMV 11							
	F AM. SULFATE	10.00	PMG 11							

TITLE: CPOSPGR CORN POST TANK MIXES/TOLERANCE C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD TM	SETFA 05/31/00	POLPY 05/31/00	AMACH 05/31/00	CHEAL 05/23/00	XANST 05/31/00	
		RATE	UNIT							
14A	ACCENT 75WG	0.031	LAA 11		0	73	94	99	96	65
	B»DISTINCT 70WG	0.088	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
15A	ACCENT 75WG	0.031	LAA 11		0	83	99	99	99	84
	B»DISTINCT 70WG	0.088	LAA 11							
	C ATRAZINE DF	0.90	LAA 11							
	D»COC	1.00	PMV 11							
	E AM. SULFATE	10.00	PMG 11							
16A	ACCENT 75WG	0.031	LAA 11		0	73	99	99	99	82
	B»DISTINCT 70WG	0.175	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
17A	ACCENT 75WG	0.031	LAA 11		0	67	99	99	99	78
	B»DISTINCT 70WG	0.088	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
18A	ACCENT 75WG	0.031	LAA 11		0	80	94	99	96	88
	B»DISTINCT 70WG	0.088	LAA 11							
	C ATRAZINE DF	0.90	LAA 11							
	D»ACTIVATOR 90	0.25	PMV 11							
	E AM. SULFATE	10.00	PMG 11							
19A	ACCENT 75WG	0.031	LAA 11		0	80	99	99	99	80
	B»DISTINCT 70WG	0.175	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
20A	ACCENT 75WG	0.031	LAA 11		0	75	96	96	93	72
	B CLARITY	0.125	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
		LSD (0.05)			0.00	7.36	4.76	2.00	4.08	8.69
		STANDARD DEVIATION			0.00	3.64	2.35	1.00	2.00	4.30

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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	AMACH	CHEAL	XANST
		RATE	UNIT		06/21/00	06/21/00	06/21/00	06/21/00	06/21/00	06/21/00
1A	BASIS GOLD 90D	0.79	LAA 11		0	72	93	99	94	68
	B»DISTINCT 70WG	0.044	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
2A	BASIS GOLD 90D	0.79	LAA 11		0	73	96	99	99	77
	B»DISTINCT 70WG	0.088	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
3A	BASIS GOLD 90D	0.79	LAA 11		0	85	99	99	99	78
	B»DISTINCT 70WG	0.175	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
4A	BASIS GOLD 90D	0.79	LAA 11		0	72	99	99	99	60
	B»DISTINCT 70WG	0.044	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
5A	BASIS GOLD 90D	0.79	LAA 11		0	72	99	99	99	67
	B»DISTINCT 70WG	0.088	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
6A	CHECK	0.00	NA 0		0	0	0	0	0	0
7A	BASIS GOLD 90D	0.79	LAA 11		0	67	99	99	99	67
	B»DISTINCT 70WG	0.175	LAA 11							
	C»ACTIVATOR 90	0.25	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
8A	BASIS GOLD 90D	0.79	LAA 11		0	63	83	95	73	60
	B CLARITY	0.125	LAA 11							
	C»COC	1.00	PMV 11							
	D AM. SULFATE	10.00	PMG 11							
9A	ACCENT GOLD 83	0.152	LAA 0		0	78	99	99	99	82
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D»DISTINCT 70WG	0.044	LAA 11							
	E»COC	1.00	PMV 11							
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10A	ACCENT GOLD 83	0.152	LAA 0		0	72	99	99	99	85
	B»DPX79406 75DF	0.024	LAA 11							
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	E»COC	1.00	PMV 11							
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11A	ACCENT GOLD 83	0.152	LAA 0		0	79	96	99	95	68
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D»DISTINCT 70WG	0.044	LAA 11							
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12A	ACCENT GOLD 83	0.152	LAA 0		0	87	99	99	99	82
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	E»ACTIVATOR 90	0.25	PMV 11							
	F AM. SULFATE	10.00	PMG 11							
13A	ACCENT GOLD 83	0.152	LAA 0		0	82	99	99	99	68
	B»DPX79406 75DF	0.024	LAA 11							
	C»HORNET 68.5WG	0.128	LAA 11							
	D CLARITY	0.125	LAA 11							
	E»COC	1.00	PMV 11							
	F AM. SULFATE	10.00	PMG 11							

TITLE: CPOSPGR CORN POST TANK MIXES/TOLERANCE C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD 06/21/00	SETFA 06/21/00	POLPY 06/21/00	AMACH 06/21/00	CHEAL 06/21/00	XANST 06/21/00
		RATE	UNIT							
14A	ACCENT 75WG	0.031	LAA	11	0	73	94	99	96	65
	B»DISTINCT 70WG	0.088	LAA	11						
	C»COC	1.00	PMV	11						
	D AM. SULFATE	10.00	PMG	11						
15A	ACCENT 75WG	0.031	LAA	11	0	83	99	99	99	84
	B»DISTINCT 70WG	0.088	LAA	11						
	C ATRAZINE DF	0.90	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	10.00	PMG	11						
16A	ACCENT 75WG	0.031	LAA	11	0	73	99	99	99	82
	B»DISTINCT 70WG	0.175	LAA	11						
	C»COC	1.00	PMV	11						
	D AM. SULFATE	10.00	PMG	11						
17A	ACCENT 75WG	0.031	LAA	11	0	67	99	99	99	78
	B»DISTINCT 70WG	0.088	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D AM. SULFATE	10.00	PMG	11						
18A	ACCENT 75WG	0.031	LAA	11	0	80	94	99	96	88
	B»DISTINCT 70WG	0.088	LAA	11						
	C ATRAZINE DF	0.90	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	10.00	PMG	11						
19A	ACCENT 75WG	0.031	LAA	11	0	80	99	99	99	87
	B»DISTINCT 70WG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D AM. SULFATE	10.00	PMG	11						
20A	ACCENT 75WG	0.031	LAA	11	0	75	96	96	93	72
	B CLARITY	0.125	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D AM. SULFATE	10.00	PMG	11						
		LSD (0.05)			0.00	7.36	4.76	2.00	4.08	8.73
		STANDARD DEVIATION			0.00	3.64	2.35	1.00	2.00	4.32

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
11 = ----- / EPOST 05/23/2000(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		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	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMACH		05/31/2000	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL		05/23/2000	05	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST		05/31/2000	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		06/21/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		06/21/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	POLPY		06/21/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMACH		06/21/2000	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL		06/21/2000	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST		06/21/2000	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G27

* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED