

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	05/31/00	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	80	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	8.0	M/H
CLOUD COVER	PARTCLDY	
DEW	MOIST	
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 33G28LL	12.0/12.0	IN
04/28/2000		
*** PEST ***		
RAGWEED, COMMON	---/14	
	4.00/4.00	IN
LAMBSQUARTERS, C	---/18	
	3.00/3.00	IN
JIMSONWEED	---/14	
	5.00/5.00	IN
SMARTWEED, PENNS	---/19	
	5.00/5.00	IN
FOXTAIL, GIANT	---/12	
	4.00/4.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CLLADJ2 LIBERTY AND ADJUVANTS IN LLCORN II C-400
CREATED: 05/22/2000 **REVISED:** 07/27/2000 **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	AMBEL	DATST
		RATE	UNIT		06/08/00	06/08/00	06/08/00	06/08/00	06/08/00	06/08/00
1A»	LIBERTY	0.26	LAA 12		0	98	88	82	91	83
B»	CL-9913	2.50	PMV 12							
2A»	LIBERTY	0.26	LAA 12		0	98	89	83	91	86
3A»	LIBERTY	0.26	LAA 12		0	99	91	88	96	90
B	AM. SULFATE	1.00	LMA 12							
4A»	LIBERTY	0.26	LAA 12		0	99	93	87	95	91
B	AM. SULFATE	3.00	LMA 12							
5A»	LIBERTY	0.365	LAA 12		0	99	99	96	99	96
B	AM. SULFATE	3.00	LMA 12							
6A»	LIBERTY	0.31	LAA 12		0	99	99	98	99	98
B	ATRAZINE DF	0.75	LAA 12							
C	AM. SULFATE	3.00	LMA 12							
7A»	LIBERTY	0.26	LAA 12		0	99	98	98	99	97
B»	PRO-PAK	1.00	PMV 12							
8A»	LIBERTY	0.31	LAA 12		0	99	99	99	99	99
B	ATRAZINE DF	0.75	LAA 12							
C»	PRO-PAK	1.00	PMV 12							
9A»	LIBERTY	0.26	LAA 12		0	99	97	96	99	95
B»	HM 2005-A	9.00	PMG 12							
10A»	LIBERTY	0.31	LAA 12		0	99	98	97	99	97
B	ATRAZINE DF	0.75	LAA 12							
C»	HM 2005-A	9.00	PMG 12							
11A»	LIBERTY	0.26	LAA 12		0	99	93	90	97	92
B»	CL-9804	2.50	PMV 12							
12A»	LIBERTY	0.31	LAA 12		0	99	99	99	99	99
B	ATRAZINE DF	0.75	LAA 12							
C»	CL-9804	3.00	QMG 12							
13A»	LIBERTY	0.26	LAA 12		0	97	87	78	89	79
B»	ARRAY	9.00	PMG 12							
14A»	LIBERTY	0.31	LAA 12		0	99	94	90	97	92
B	ATRAZINE DF	0.75	LAA 12							
C»	ARRAY	9.00	PMG 12							
15A»	LIBERTY	0.26	LAA 12		0	99	91	84	93	82
B	AM. SULFATE	1.50	LMA 12							
C»	ARRAY	9.00	PMG 12							
16A»	LIBERTY	0.26	LAA 12		0	99	95	92	99	93
B	ATRAZINE DF	0.75	LAA 12							
C	AM. SULFATE	1.50	LMA 12							
D»	ARRAY	9.00	PMG 12							
17A»	LIBERTY	0.26	LAA 12		0	99	94	88	96	89
B	AM. SULFATE	8.50	PMG 12							
18A»	LIBERTY	0.26	LAA 12		0	99	93	87	97	90
B	AM. SULFATE	17.00	PMG 12							
			LSD (0.05)		0.00	1.00	3.64	5.73	4.00	5.64
			STANDARD DEVIATION		0.00	0.508	1.80	2.83	2.00	2.79

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 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	AMBEL	DATST
		RATE	UNIT		06/27/00	06/27/00	06/27/00	06/27/00	06/27/00	06/27/00
1A»	LIBERTY	0.26	LAA 12		0	92	68	60	82	67
B»	CL-9913	2.50	PMV 12							
2A»	LIBERTY	0.26	LAA 12		0	85	65	50	77	63
3A»	LIBERTY	0.26	LAA 12		0	85	68	55	73	60
B	AM. SULFATE	1.00	LMA 12							
4A»	LIBERTY	0.26	LAA 12		0	96	84	72	88	67
B	AM. SULFATE	3.00	LMA 12							
5A»	LIBERTY	0.365	LAA 12		0	94	88	75	93	72
B	AM. SULFATE	3.00	LMA 12							
6A»	LIBERTY	0.31	LAA 12		0	96	97	88	98	85
B	ATRAZINE DF	0.75	LAA 12							
C	AM. SULFATE	3.00	LMA 12							
7A»	LIBERTY	0.26	LAA 12		0	93	93	83	91	78
B»	PRO-PAK	1.00	PMV 12							
8A»	LIBERTY	0.31	LAA 12		0	98	96	92	99	98
B	ATRAZINE DF	0.75	LAA 12							
C»	PRO-PAK	1.00	PMV 12							
9A»	LIBERTY	0.26	LAA 12		0	96	84	80	90	75
B»	HM 2005-A	9.00	PMG 12							
10A»	LIBERTY	0.31	LAA 12		0	98	98	96	99	98
B	ATRAZINE DF	0.75	LAA 12							
C»	HM 2005-A	9.00	PMG 12							
11A»	LIBERTY	0.26	LAA 12		0	95	82	75	91	81
B»	CL-9804	2.50	PMV 12							
12A»	LIBERTY	0.31	LAA 12		0	98	98	96	99	99
B	ATRAZINE DF	0.75	LAA 12							
C»	CL-9804	3.00	QMG 12							
13A»	LIBERTY	0.26	LAA 12		0	96	92	80	96	70
B»	ARRAY	9.00	PMG 12							
14A»	LIBERTY	0.31	LAA 12		0	98	97	94	99	88
B	ATRAZINE DF	0.75	LAA 12							
C»	ARRAY	9.00	PMG 12							
15A»	LIBERTY	0.26	LAA 12		0	95	89	82	96	82
B	AM. SULFATE	1.50	LMA 12							
C»	ARRAY	9.00	PMG 12							
16A»	LIBERTY	0.26	LAA 12		0	98	99	95	99	93
B	ATRAZINE DF	0.75	LAA 12							
C	AM. SULFATE	1.50	LMA 12							
D»	ARRAY	9.00	PMG 12							
17A»	LIBERTY	0.26	LAA 12		0	96	86	77	93	80
B	AM. SULFATE	8.50	PMG 12							
18A»	LIBERTY	0.26	LAA 12		0	90	84	75	91	73
B	AM. SULFATE	17.00	PMG 12							
			LSD (0.05)		0.00	5.34	7.67	9.67	7.32	8.45
			STANDARD DEVIATION		0.00	2.64	3.79	4.78	3.62	4.18

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 05/31/2000(1)

TITLE: CLLADJ2 LIBERTY AND ADJUVANTS IN LLCORN II C-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD		06/08/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		06/08/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY		06/08/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL		06/08/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL		06/08/2000	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	DATST		06/08/2000	06	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		06/27/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		06/27/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	POLPY		06/27/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL		06/27/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL		06/27/2000	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	DATST		06/27/2000	06	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G28LL