

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	11	13	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/17/02	06/21/02	AME
AIR TEMPERATURE	81	94	F
% REL.HUMIDITY	50	34	
WIND DIRECTION	WEST	SOUTHWEST	
WIND SPEED	5.0	4.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT	---/15		
GARST8600IT	12.0/12.0		IN
05/22/2002			
*** PEST ***			
VELVETLEAF	---/14		
	3.00/5.00		IN
WATERHEMP, COMMO	---/18		
	2.00/6.00		IN
LAMBSQUARTERS, C	---/19		
	2.00/4.00		IN
MORNINGGLORY, TA	---/13		
	1.00/3.00		IN

* TIMING CODES

11 = ----- / EPOST
 13 = ----- / LPOST

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Callisto and Distinct Tank-Mixes in Corn AS-400

CREATED: 04/19/2002 REVISED: 10/28/2002

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	TREATMENT		DOSAGE			ZEAMD	AMATA	CHEAL	ABUTH	PHBPU	ZEAMD
NUM	COMPONENT		RATE	UNIT	TM	10DAT	10DAT	10DAT	10DAT	10DAT	30DAT
						07/01/02	07/01/02	07/01/02	07/01/02	07/01/02	07/25/02
1A»	CALLISTO	4SC	0.094	LAA	11	0	62	72	95	25	0
B»	COC		1.00	PMV	11						
C	28% UAN		2.50	PMV	11						
2A»	CALLISTO	4SC	0.094	LAA	11	0	77	75	93	33	0
B»	DISTINCT	70WG	0.04	LAA	11						
C»	COC		1.00	PMV	11						
D	28% UAN		2.50	PMV	11						
3A»	CALLISTO	4SC	0.094	LAA	11	0	87	88	95	68	0
B»	DISTINCT	70WG	0.08	LAA	11						
C»	COC		1.00	PMV	11						
D	28% UAN		2.50	PMV	11						
4A»	CALLISTO	4SC	0.094	LAA	11	0	88	88	96	92	0
B»	DISTINCT	70WG	0.13	LAA	11						
C»	COC		1.00	PMV	11						
D	28% UAN		2.50	PMV	11						
5A»	CALLISTO	4SC	0.094	LAA	11	0	95	93	98	92	0
B»	DISTINCT	70WG	0.175	LAA	11						
C»	COC		1.00	PMV	11						
D	28% UAN		2.50	PMV	11						
6A»	CALLISTO	4SC	0.047	LAA	11	0	96	95	99	90	0
B»	DISTINCT	70WG	0.175	LAA	11						
C»	COC		1.00	PMV	11						
D	28% UAN		2.50	PMV	11						
7A	CHECK		0.00	NA	0	0	0	0	0	0	0
8A»	CALLISTO	4SC	0.094	LAA	13	0	48	62	92	28	0
B»	COC		1.00	PMV	13						
C	28% UAN		2.50	PMV	13						
9A»	CALLISTO	4SC	0.094	LAA	13	0	82	90	95	62	0
B»	DISTINCT	70WG	0.04	LAA	13						
C»	COC		1.00	PMV	13						
D	28% UAN		2.50	PMV	13						
10A»	CALLISTO	4SC	0.094	LAA	13	0	83	88	96	67	0
B»	DISTINCT	70WG	0.08	LAA	13						
C»	COC		1.00	PMV	13						
D	28% UAN		2.50	PMV	13						
11A»	CALLISTO	4SC	0.094	LAA	13	0	92	95	98	82	0
B»	DISTINCT	70WG	0.13	LAA	13						
C»	COC		1.00	PMV	13						
D	28% UAN		2.50	PMV	13						
12A»	CALLISTO	4SC	0.094	LAA	13	0	93	95	99	87	0
B»	DISTINCT	70WG	0.175	LAA	13						
C»	COC		1.00	PMV	13						
D	28% UAN		2.50	PMV	13						
LSD (0.05)						0.00	4.00	5.72	3.64	5.94	0.00
STANDARD DEVIATION						0.00	1.94	2.76	1.75	2.86	0.00

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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	TREATMENT	DOSAGE	AMATA	CHEAL	ABUTH	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	30DAT	30DAT	30DAT	30DAT
					07/25/02	07/25/02	07/25/02	07/25/02
1A»	CALLISTO 4SC	0.094	LAA	11	67	98	99	22
B»	COC	1.00	PMV	11				
C	28% UAN	2.50	PMV	11				
2A»	CALLISTO 4SC	0.094	LAA	11	67	99	99	98
B»	DISTINCT 70WG	0.04	LAA	11				
C»	COC	1.00	PMV	11				
D	28% UAN	2.50	PMV	11				
3A»	CALLISTO 4SC	0.094	LAA	11	78	99	99	96
B»	DISTINCT 70WG	0.08	LAA	11				
C»	COC	1.00	PMV	11				
D	28% UAN	2.50	PMV	11				
4A»	CALLISTO 4SC	0.094	LAA	11	92	99	99	96
B»	DISTINCT 70WG	0.13	LAA	11				
C»	COC	1.00	PMV	11				
D	28% UAN	2.50	PMV	11				
5A»	CALLISTO 4SC	0.094	LAA	11	92	99	99	99
B»	DISTINCT 70WG	0.175	LAA	11				
C»	COC	1.00	PMV	11				
D	28% UAN	2.50	PMV	11				
6A»	CALLISTO 4SC	0.047	LAA	11	92	99	99	99
B»	DISTINCT 70WG	0.175	LAA	11				
C»	COC	1.00	PMV	11				
D	28% UAN	2.50	PMV	11				
7A	CHECK	0.00	NA	0	0	0	0	0
8A»	CALLISTO 4SC	0.094	LAA	13	48	83	99	33
B»	COC	1.00	PMV	13				
C	28% UAN	2.50	PMV	13				
9A»	CALLISTO 4SC	0.094	LAA	13	78	93	99	62
B»	DISTINCT 70WG	0.04	LAA	13				
C»	COC	1.00	PMV	13				
D	28% UAN	2.50	PMV	13				
10A»	CALLISTO 4SC	0.094	LAA	13	85	95	99	78
B»	DISTINCT 70WG	0.08	LAA	13				
C»	COC	1.00	PMV	13				
D	28% UAN	2.50	PMV	13				
11A»	CALLISTO 4SC	0.094	LAA	13	88	93	99	93
B»	DISTINCT 70WG	0.13	LAA	13				
C»	COC	1.00	PMV	13				
D	28% UAN	2.50	PMV	13				
12A»	CALLISTO 4SC	0.094	LAA	13	88	96	99	95
B»	DISTINCT 70WG	0.175	LAA	13				
C»	COC	1.00	PMV	13				
D	28% UAN	2.50	PMV	13				
LSD (0.05)					5.85	4.20	0.00	4.49
STANDARD DEVIATION					2.82	2.00	0.00	2.15

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

11 = ----- / EPOST 06/17/2002 (1)

13 = ----- / LPOST 06/21/2002 (2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	10DAT	07/01/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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TITLE: Callisto and Distinct Tank-Mixes in Corn AS-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
02	AMATA	10DAT	07/01/2002	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	10DAT	07/01/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ABUTH	10DAT	07/01/2002	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	PHBPU	10DAT	07/01/2002	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	30DAT	07/25/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	AMATA	30DAT	07/25/2002	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	CHEAL	30DAT	07/25/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ABUTH	30DAT	07/25/2002	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	PHBPU	30DAT	07/25/2002	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT