

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	07/01/02	AME
AIR TEMPERATURE	86	F
% REL.HUMIDITY	65	
WIND DIRECTION	WEST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/14	
PIONEER 93B53RR	8.00/8.00	IN
06/01/2002		

* TIMING CODES
 12 = ----- / POST

* STAGE CODE
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

DATA MEAN

TITLE: Simulated Callisto drift on Soybean AS-300
CREATED: 04/22/2002 **REVISED:** 10/25/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	YIELD
		RATE	UNIT		CON % 07/16/02	CON % 08/05/02	BU/A 10/14/02
1A»	CALLISTO 4SC	0.000367	LAA 12		0	0	65.2
	B»COC	0.0039	PMV 12				
	C 28% UAN	0.0097	PMV 12				
2A»	CALLISTO 4SC	0.000735	LAA 12		0	0	69.8
	B»COC	0.0078	PMV 12				
	C 28% UAN	0.019	PMV 12				
3A»	CALLISTO 4SC	0.00147	LAA 12		0	0	65.4
	B»COC	0.0156	PMV 12				
	C 28% UAN	0.039	PMV 12				
4A»	CALLISTO 4SC	0.0029	LAA 12		0	0	63.7
	B»COC	0.0313	PMV 12				
	C 28% UAN	0.078	PMV 12				
5A»	CALLISTO 4SC	0.00588	LAA 12		5	1	63.0
	B»COC	0.0625	PMV 12				
	C 28% UAN	0.156	PMV 12				
6A»	CALLISTO 4SC	0.0118	LAA 12		15	7	63.6
	B»COC	0.125	PMV 12				
	C 28% UAN	0.313	PMV 12				
7A»	CALLISTO 4SC	0.0235	LAA 12		23	17	59.8
	B»COC	0.25	PMV 12				
	C 28% UAN	0.625	PMV 12				
8A»	CALLISTO 4SC	0.047	LAA 12		35	27	54.7
	B»COC	0.50	PMV 12				
	C 28% UAN	1.25	PMV 12				
9A»	CALLISTO 4SC	0.094	LAA 12		55	48	44.5
	B»COC	1.00	PMV 12				
	C 28% UAN	2.50	PMV 12				
10A	CHECK	0.00	NA 0		0	0	67.8
11A»	CALLISTO 4SC	0.000367	LAA 12		0	0	66.1
	B ATRAZINE DF	0.00098	LAA 12				
	C»COC	0.0039	PMV 12				
	D 28% UAN	0.0097	PMV 12				
12A»	CALLISTO 4SC	0.000735	LAA 12		0	0	69.6
	B ATRAZINE DF	0.00195	LAA 12				
	C»COC	0.0078	PMV 12				
	D 28% UAN	0.019	PMV 12				
13A»	CALLISTO 4SC	0.00147	LAA 12		0	0	67.8
	B ATRAZINE DF	0.00391	LAA 12				
	C»COC	0.0156	PMV 12				
	D 28% UAN	0.039	PMV 12				
14A»	CALLISTO 4SC	0.0029	LAA 12		0	0	71.3
	B ATRAZINE DF	0.00781	LAA 12				
	C»COC	0.0313	PMV 12				
	D 28% UAN	0.078	PMV 12				
15A»	CALLISTO 4SC	0.00588	LAA 12		8	1	62.6
	B ATRAZINE DF	0.0156	LAA 12				
	C»COC	0.0625	PMV 12				
	D 28% UAN	0.156	PMV 12				
16A»	CALLISTO 4SC	0.0118	LAA 12		18	3	61.7
	B ATRAZINE DF	0.0313	LAA 12				
	C»COC	0.125	PMV 12				
	D 28% UAN	0.313	PMV 12				

DATA MEAN

TITLE: Simulated Callisto drift on Soybean AS-300

TRT	TREATMENT	DOSAGE		GLXMA	GLXMA	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	BU/A
			TM	07/16/02	08/05/02	10/14/02
17A»	CALLISTO 4SC	0.0235	LAA 12	29	15	55.1
	B ATRAZINE DF	0.0625	LAA 12			
	C»COC	0.25	PMV 12			
	D 28% UAN	0.625	PMV 12			
18A»	CALLISTO 4SC	0.047	LAA 12	60	38	40.5
	B ATRAZINE DF	0.125	LAA 12			
	C»COC	0.50	PMV 12			
	D 28% UAN	1.25	PMV 12			
19A»	CALLISTO 4SC	0.094	LAA 12	84	68	23.6
	B ATRAZINE DF	0.25	LAA 12			
	C»COC	1.00	PMV 12			
	D 28% UAN	2.50	PMV 12			
20A»	CALLISTO 4SC	0.094	LAA 12	92	81	13.1
	B ATRAZINE DF	1.00	LAA 12			
	C»COC	1.00	PMV 12			
	D 28% UAN	2.50	PMV 12			
		LSD (0.05)		7.17	7.75	6.88
		STANDARD DEVIATION		3.55	3.84	3.40

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 07/01/2002(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	07/16/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	GLXMA	CON %	08/05/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	YIELD	BU/A	10/14/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B53RR