

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/01/01	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	34	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	12.0	M/H
CLOUD COVER	PARTCLDY	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
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	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
VELVETLEAF	NA/01 0.00/0.00	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	IN
FOXTAIL, GIANT	NA/01 0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMIBITION

DATA MEAN

TITLE: Preemergence rate comparison of Callisto and Balance in corn SW-1500

CREATED: 04/17/2001 REVISED: 01/14/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	ABUTH	CHEAL	ZEAMD	SETFA	
		RATE	UNIT	TM	CON % 05/29/01	CON % 05/29/01	CON % 05/29/01	CON % 05/29/01	CON % 07/02/01	CON % 07/02/01	
1A»	DUAL II MAGNUM	1.59	LAA	9	0	92	81	99	0	52	
B»	CALLISTO 4SC	0.031	LAA	9							
2A»	DUAL II MAGNUM	1.59	LAA	9	0	88	78	99	0	71	
B»	BALANCE PRO 4S	0.0156	LAA	9							
3A»	DUAL II MAGNUM	1.59	LAA	9	0	90	86	99	0	43	
B»	CALLISTO 4SC	0.063	LAA	9							
4A»	DUAL II MAGNUM	1.59	LAA	9	0	92	87	99	0	78	
B»	BALANCE PRO 4S	0.0313	LAA	9							
5A»	DUAL II MAGNUM	1.59	LAA	9	0	70	0	0	0	37	
B	CHECK	0.00	NA	0							
6A»	DUAL II MAGNUM	1.59	LAA	9	0	84	93	99	0	50	
B»	CALLISTO 4SC	0.094	LAA	9							
7A»	DUAL II MAGNUM	1.59	LAA	9	0	88	87	99	0	82	
B»	BALANCE PRO 4S	0.047	LAA	9							
8A	CHECK	0.00	NA	0	0	0	0	0	0	0	
9A»	DUAL II MAGNUM	1.59	LAA	9	0	83	97	99	0	42	
B»	CALLISTO 4SC	0.188	LAA	9							
10A»	DUAL II MAGNUM	1.59	LAA	9	0	94	97	99	0	88	
B»	BALANCE PRO 4S	0.094	LAA	9							
					LSD (0.05)	0.00	14.51	4.79	0.00	0.00	19.13
					STANDARD DEVIATION	0.00	6.91	2.28	0.00	0.00	9.11

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG REPS: 03

TRT	TREATMENT	DOSAGE		ABUTH	CHEAL	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	BU/A
			TM	07/02/01	07/02/01	10/29/01
1A	DUAL II MAGNUM	1.59	LAA 9	33	27	142.5
B	CALLISTO 4SC	0.031	LAA 9			
2A	DUAL II MAGNUM	1.59	LAA 9	67	68	147.5
B	BALANCE PRO 4S	0.0156	LAA 9			
3A	DUAL II MAGNUM	1.59	LAA 9	63	63	160.5
B	CALLISTO 4SC	0.063	LAA 9			
4A	DUAL II MAGNUM	1.59	LAA 9	77	79	153.3
B	BALANCE PRO 4S	0.0313	LAA 9			
5A	DUAL II MAGNUM	1.59	LAA 9	10	28	125.1
B	CHECK	0.00	NA 0			
6A	DUAL II MAGNUM	1.59	LAA 9	62	53	154.3
B	CALLISTO 4SC	0.094	LAA 9			
7A	DUAL II MAGNUM	1.59	LAA 9	87	87	174.4
B	BALANCE PRO 4S	0.047	LAA 9			
8A	CHECK	0.00	NA 0	0	0	88.4
9A	DUAL II MAGNUM	1.59	LAA 9	95	89	163.9
B	CALLISTO 4SC	0.188	LAA 9			
10A	DUAL II MAGNUM	1.59	LAA 9	94	96	164.1
B	BALANCE PRO 4S	0.094	LAA 9			
LSD (0.05)				13.50	15.49	16.60
STANDARD DEVIATION				6.42	7.37	7.90

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/01/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	05/29/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	05/29/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	05/29/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	05/29/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	07/02/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	07/02/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ABUTH	CON %	07/02/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	CHEAL	CON %	07/02/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	YIELD	BU/A	10/29/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G26