

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.7
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/24/02	AME
AIR TEMPERATURE	66	F
% REL. HUMIDITY	70	
WIND DIRECTION	NORTHEAST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLOUDY	
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 ***		
CORN, DENT	---/01	
ASGROW 738RR	/	IN
05/24/2002		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

DATA MEAN

TITLE: Balance and Callisto comparison in Corn C-400
CREATED: 04/13/2002 **REVISED:** 08/15/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	AMBEL	SIDSP	IPOHE	
		RATE	UNIT		CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	CON % 06/24/02	
1A»	BALANCE PRO 4S	0.047	LAA	9	0	72	99	98	96	47	
2A»	CALLISTO 4SC	0.094	LAA	9	0	0	99	96	90	53	
3A»	BALANCE PRO 4S	0.07	LAA	9	0	85	99	99	99	63	
4A»	CALLISTO 4SC	0.14	LAA	9	0	0	99	99	95	67	
5A»	BALANCE PRO 4S	0.094	LAA	9	0	86	99	99	99	73	
6A»	CALLISTO 4SC	0.188	LAA	9	0	0	99	99	93	70	
7A»	BALANCE PRO 4S	0.07	LAA	9	0	95	99	99	99	75	
	B»DEFINE 60DF	0.45	LAA	9							
8A»	CALLISTO 4SC	0.188	LAA	9	0	82	99	99	98	68	
	B»DUAL II MAGNUM	1.59	LAA	9							
9A»	BALANCE PRO 4S	0.07	LAA	9	0	99	99	99	99	96	
	B»DEFINE 60DF	0.60	LAA	9							
	C ATRAZINE DF	1.00	LAA	9							
10A	CHECK	0.00	NA	0	0	0	0	0	0	0	
11A»	LUMAX 3.9L	2.46	LAA	9	0	93	99	99	99	95	
12A»	BALANCE PRO 4S	0.07	LAA	9	0	86	99	99	99	91	
	B ATRAZINE DF	1.00	LAA	9							
					LSD (0.05)	0.00	10.54	0.00	2.68	6.13	13.76
					STANDARD DEVIATION	0.00	5.08	0.00	1.29	3.00	6.64

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 36.00 FT LONG REPS: 03

TRT TREATMENT	DOSAGE	ZEAMD	SETFA	ABUTH	AMBEL	SIDSP	IPOHE
NUM COMPONENT	RATE UNIT TM	CON % 07/25/02	CON % 07/25/02	CON % 07/25/02	CON % 07/25/02	CON % 07/25/02	CON % 07/25/02
1A»BALANCE PRO 4S	0.047 LAA 9	0	67	99	93	90	70
2A»CALLISTO 4SC	0.094 LAA 9	0	0	99	85	88	62
3A»BALANCE PRO 4S	0.07 LAA 9	0	78	99	99	99	80
4A»CALLISTO 4SC	0.14 LAA 9	0	0	99	98	98	60
5A»BALANCE PRO 4S	0.094 LAA 9	0	79	99	99	99	88
6A»CALLISTO 4SC	0.188 LAA 9	0	0	99	99	99	65
7A»BALANCE PRO 4S	0.07 LAA 9	0	92	99	99	99	88
B»DEFINE 60DF	0.45 LAA 9						
8A»CALLISTO 4SC	0.188 LAA 9	0	73	99	99	94	73
B»DUAL II MAGNUM	1.59 LAA 9						
9A»BALANCE PRO 4S	0.07 LAA 9	0	96	99	99	99	96
B»DEFINE 60DF	0.60 LAA 9						
C ATRAZINE DF	1.00 LAA 9						
10A CHECK	0.00 NA 0	0	0	0	0	0	0
11A»LUMAX 3.9L	2.46 LAA 9	0	84	98	99	96	90
12A»BALANCE PRO 4S	0.07 LAA 9	0	82	99	99	99	93
B ATRAZINE DF	1.00 LAA 9						
	LSD (0.05)	0.00	9.92	0.564	8.00	7.59	10.68
	STANDARD DEVIATION	0.00	4.79	0.272	3.83	3.66	5.15

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/24/2002(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	06/24/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/24/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/24/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	06/24/2002	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SIDSP	CON %	06/24/2002	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	IPOHE	CON %	06/24/2002	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ZEAMD	CON %	07/25/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/25/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ABUTH	CON %	07/25/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMBEL	CON %	07/25/2002	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	SIDSP	CON %	07/25/2002	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	IPOHE	CON %	07/25/2002	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR