

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	11	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/13/03	05/27/03	AME
AIR TEMPERATURE	65	72	F
% REL.HUMIDITY	35	35	
WIND DIRECTION	NORTH	NORTH	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT	---/12	---/15	
GH 2552	4.00/5.00	12.0/14.0	IN
04/15/2003			

*** TIMING CODES**

11 = ----- / EPOST
 12 = ----- / POST

*** STAGE CODE**

12 = 2 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED

TITLE: Dicamba, Option, and Callisto Response in Corn AS-300
CREATED: 04/22/2003 **REVISED:** 11/05/2003 **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	TREATMENT	DOSAGE	ZEAMD	ZEAMD	ZEAMD	ZEAMD	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	BU/A
					06/03/03	06/11/03	06/18/03	07/08/03	09/20/03
1A	DISTINCT 70WG	0.175	LAA	11	17	20	18	27	159.4
	B»MSO	1.00	PMV	11					
	C 28% UAN	1.25	PMV	11					
2A	OPTION 35WDG	0.033	LAA	11	2	0	0	0	213.6
	B»MSO	1.00	PMV	11					
	C 28% UAN	1.25	PMV	11					
3A	DISTINCT 70WG	0.35	LAA	11	52	53	58	67	20.0
	B»MSO	2.00	PMV	11					
	C 28% UAN	5.00	PMV	11					
4A	OPTION 35WDG	0.066	LAA	11	2	3	3	2	217.1
	B»MSO	2.00	PMV	11					
	C 28% UAN	5.00	PMV	11					
5A	DISTINCT 70WG	0.175	LAA	11	4	0	0	0	210.9
	B»OPTION 35WDG	0.033	LAA	11					
	C»MSO	1.00	PMV	11					
	D 28% UAN	1.25	PMV	11					
6A	DISTINCT 70WG	0.35	LAA	11	10	12	5	5	194.6
	B»OPTION 35WDG	0.066	LAA	11					
	C»MSO	2.00	PMV	11					
	D 28% UAN	5.00	PMV	11					
7A	DISTINCT 70WG	0.175	LAA	12	27	2	3	0	218.9
	B»MSO	1.00	PMV	12					
	C 28% UAN	1.25	PMV	12					
8A	OPTION 35WDG	0.033	LAA	12	20	12	5	0	199.6
	B»MSO	1.00	PMV	12					
	C 28% UAN	1.25	PMV	12					
9A	DISTINCT 70WG	0.35	LAA	12	33	32	40	25	181.3
	B»MSO	2.00	PMV	12					
	C 28% UAN	5.00	PMV	12					
10A	OPTION 35WDG	0.066	LAA	12	25	12	2	0	213.1
	B»MSO	2.00	PMV	12					
	C 28% UAN	5.00	PMV	12					
11A	DISTINCT 70WG	0.175	LAA	12	20	17	8	5	211.5
	B»OPTION 35WDG	0.033	LAA	12					
	C»MSO	1.00	PMV	12					
	D 28% UAN	1.25	PMV	12					
12A	DISTINCT 70WG	0.35	LAA	12	25	28	15	5	198.9
	B»OPTION 35WDG	0.066	LAA	12					
	C»MSO	2.00	PMV	12					
	D 28% UAN	5.00	PMV	12					
13A	DISTINCT 70WG	0.175	LAA	12	18	2	0	0	215.0
	B»ACTIVATOR 90	0.25	PMV	12					
	C 28% UAN	1.25	PMV	12					
14A	DISTINCT 70WG	0.35	LAA	12	35	11	20	2	205.8
	B»ACTIVATOR 90	0.50	PMV	12					
	C 28% UAN	2.50	PMV	12					
15A	CALLISTO 4SC	0.094	LAA	12	12	4	2	3	210.7
	B»MSO	1.00	PMV	12					
	C 28% UAN	1.25	PMV	12					
16A	CALLISTO 4SC	0.094	LAA	12	22	6	3	0	214.3
	B»OPTION 35WDG	0.033	LAA	12					
	C»MSO	1.00	PMV	12					
	D 28% UAN	1.25	PMV	12					

TITLE: Dicamba, Option, and Callisto Response in Corn AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/03/03	ZEAMD CON % 06/11/03	ZEAMD CON % 06/18/03	ZEAMD CON % 07/08/03	YIELD BU/A 09/20/03
17A»	CALLISTO 4SC	0.094	LAA	12	2	0	0	0	231.3
	B»COC	1.00	PMV	12					
	C 28% UAN	1.25	PMV	12					
18A	CHECK	0.00	NA	0	0	0	0	0	214.9
19A»	CALLISTO 4SC	0.188	LAA	12	27	17	8	2	222.3
	B»MSO	2.00	PMV	12					
	C 28% UAN	5.00	PMV	12					
20A»	CALLISTO 4SC	0.188	LAA	12	30	20	15	7	213.1
	B»OPTION 35WDG	0.066	LAA	12					
	C»MSO	2.00	PMV	12					
	D 28% UAN	5.00	PMV	12					
21A»	CALLISTO 4SC	0.188	LAA	12	14	7	7	2	215.7
	B»COC	2.00	PMV	12					
	C 28% UAN	5.00	PMV	12					
22A	CLARITY	0.50	LAA	12	38	20	32	5	217.6
	B»ACTIVATOR 90	0.25	PMV	12					
	C 28% UAN	1.25	PMV	12					
23A	CLARITY	0.50	LAA	12	43	30	40	12	216.6
	B»MSO	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
24A	CLARITY	0.50	LAA	12	22	22	22	2	206.9
	B»OPTION 35WDG	0.033	LAA	12					
	C»MSO	1.00	PMV	12					
	D 28% UAN	2.50	PMV	12					
		LSD (0.05)			12.38	11.77	11.73	9.67	19.80
		STANDARD DEVIATION			6.19	5.88	5.87	4.83	9.90

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 05/13/2003(1)
 12 = ----- / POST 05/27/2003(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/03/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/11/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/18/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/08/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	09/20/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GH 2552