

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 5.6
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	11	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/28/03	05/17/03	05/25/03	06/01/03	06/07/03	AME
AIR TEMPERATURE	79	74	77	83	77	F
% REL.HUMIDITY	47	53	34	52	48	
WIND DIRECTION	NORTHEAST	EAST	NORTHEAST	SOUTH	EAST	
WIND SPEED						M/H
CLOUD COVER	CLOUDY	CLEAR	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	NO	NO	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
CORN, DENT		---/11	---/12	---/13	---/14	
GARST 8481		3.00/3.00	5.00/5.00	6.00/7.00	8.00/8.00	IN
04/26/2003						
*** PEST ***						
CUPGRASS, WOOLLY		---/12	---/13	---/15	---/17	
		0.25/1.00	3.00/4.00	1.00/5.00	2.00/6.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED

TITLE: Woolly Cupgrass Control in Corn - Dwight, IL
CREATED: 04/24/2003 **REVISED:** 11/17/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dwight **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	ZEAMD	ERBVI	ZEAMD	ERBVI	ZEAMD	ERBVI
		RATE	UNIT		CON % 06/07/03	CON % 06/07/03	CON % 06/15/03	CON % 06/15/03	CON % 06/29/03	CON % 06/29/03
1A	BALANCE PRO 4S	0.094	LAA	9	0	92	0	82	0	60
	B»OPTION 35WDG	0.033	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
2A	BALANCE PRO 4S	0.07	LAA	9	0	81	0	74	0	47
	B»OPTION 35WDG	0.033	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A	FULTIME 4SC	3.50	LAA	9	0	96	0	86	0	75
	B»OPTION 35WDG	0.033	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
4A	ATRAZINE DF	1.50	LAA	9	0	72	0	68	0	33
	B»OPTION 35WDG	0.033	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
5A	ATRAZINE DF	1.50	LAA	9	0	86	0	72	0	43
	B»OPTION 35WDG	0.038	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
6A	ATRAZINE DF	1.50	LAA	9	0	79	0	70	0	53
	B»EQUIP 62WG	0.058	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
7A	ATRAZINE DF	1.50	LAA	9	0	82	0	64	0	43
	B ACCENT 75WG	0.031	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
8A	ATRAZINE DF	1.50	LAA	9	0	77	0	62	0	37
	B»OPTION 35WDG	0.033	LAA	11						
	C BEACON 75WG	0.018	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	ATRAZINE DF	1.50	LAA	9	0	87	0	74	0	60
	B»STEADFAST 75DF	0.035	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A	ATRAZINE DF	1.50	LAA	9	5	88	3	81	0	62
	B»OPTION 35WDG	0.033	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
11A	ATRAZINE DF	1.50	LAA	9	0	89	2	78	0	62
	B»OPTION 35WDG	0.038	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	ATRAZINE DF	1.50	LAA	9	2	78	3	81	0	50
	B»EQUIP 62WG	0.058	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
13A	ATRAZINE DF	1.50	LAA	9	0	87	7	91	0	63
	B ACCENT 75WG	0.031	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
14A	ATRAZINE DF	1.50	LAA	9	0	72	2	67	0	33
	B»OPTION 35WDG	0.033	LAA	12						
	C BEACON 75WG	0.018	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Woolly Cupgrass Control in Corn - Dwight, IL

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/07/03	ERBVI CON % 06/07/03	ZEAMD CON % 06/15/03	ERBVI CON % 06/15/03	ZEAMD CON % 06/29/03	ERBVI CON % 06/29/03
15A	ATRAZINE DF	1.50	LAA	9	0	91	2	91	0	80
	B»STEADFAST 75DF	0.035	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
16A	ATRAZINE DF	1.50	LAA	9	16	82	14	89	0	58
	B»OPTION 35WDG	0.033	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
	E»OPTION 35WDG	0.033	LAA	13						
	F»COC	1.00	PMV	13						
	G 28% UAN	2.50	PMV	13						
17A	ATRAZINE DF	1.50	LAA	9	2	79	17	91	0	75
	B»OPTION 35WDG	0.033	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
	E»OPTION 35WDG	0.033	LAA	14						
	F»COC	1.00	PMV	14						
	G 28% UAN	2.50	PMV	14						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	BICEP II MAGNU	3.56	LAA	9	0	63	0	55	0	27
20A»	KIH-485 3.57L	0.11	LAA	9	0	58	0	64	0	35
	B ATRAZINE DF	2.00	LAA	9						
21A»	KIH-485 3.57L	0.18	LAA	9	0	72	0	78	0	72
	B ATRAZINE DF	2.00	LAA	9						
22A»	KIH-485 3.57L	0.22	LAA	9	0	93	0	90	0	82
	B ATRAZINE DF	2.00	LAA	9						
		LSD (0.05)			3.55	13.50	2.83	12.51	0.00	17.14
		STANDARD DEVIATION			1.77	6.75	1.42	6.26	0.00	8.57

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 04/28/2003(1)
- 11 = ----- / EPOST 05/17/2003(2)
- 12 = ----- / POST 05/25/2003(3)
- 13 = ----- / LPOST 06/01/2003(4)
- 14 = ----- / VLPOST 06/07/2003(5)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/07/2003	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ERBVI	CON %	06/07/2003	02	P	ERBVI	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/15/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERBVI	CON %	06/15/2003	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	06/29/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERBVI	CON %	06/29/2003	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST 8481

* STAGE CODE

- 14 = 4 LEAVES UNFOLDED
- 17 = 7 LEAVES UNFOLDED