

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	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/20/05	05/20/05	05/27/05	AME
AIR TEMPERATURE	78	67	77	F
% REL.HUMIDITY	43	58	26	
WIND DIRECTION	SOUTHWEST	NORTHEAST	NORTHWEST	
WIND SPEED	12.0	7.0	9.0	M/H
CLOUD COVER	CLOUDY	OVERCAST	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT		---/12	---/13	
DK 6018RR		5.00/5.00	7.00/7.00	IN
04/18/2005				
*** PEST ***				
VELVETLEAF		---/11	---/12	
		1.00/2.00	2.00/3.00	IN
CUPGRASS, WOOLLY		---/15	---/19	
		1.00/2.00	3.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
12 = ----- / POST

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED

TITLE: Woolly Cupgrass Control in Corn - Dwight.
CREATED: 04/08/2005 **REVISED:** 08/04/2005 **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	ABUTH	ZEAMD	ERBVI	ABUTH
		RATE	UNIT		CON % 05/20/05	CON % 05/20/05	CON % 05/20/05	CON % 06/03/05	CON % 06/03/05	CON % 06/03/05
1A	RADIUS 4SC	0.66	LAA	9	0	40	40	0	30	97
B	ATRAZINE DF	1.00	LAA	9						
2A	BALANCE PRO 4S	0.047	LAA	9	0	28	40	0	0	0
B	OPTION 35WDG	0.033	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
3A	DEFINE 4SC	0.375	LAA	9	0	20	40	0	0	0
B	OPTION 35WDG	0.033	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
4A	OPTION 35WDG	0.022	LAA	11				0	92	92
B	ACCENT 75WG	0.012	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
5A	OPTION 35WDG	0.022	LAA	11				0	96	93
B	ACCENT 75WG	0.015	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
6A	OPTION 35WDG	0.027	LAA	11				3	93	96
B	ACCENT 75WG	0.012	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
7A	OPTION 35WDG	0.027	LAA	11				0	96	93
B	ACCENT 75WG	0.015	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
8A	STEADFAST 75DF	0.035	LAA	11				0	92	97
B	CALLISTO 4SC	0.063	LAA	11						
C	ATRAZINE DF	0.25	LAA	11						
D	MISO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
9A	OPTION 35WDG	0.033	LAA	11				2	77	92
B	CALLISTO 4SC	0.063	LAA	11						
C	ATRAZINE DF	0.25	LAA	11						
D	MISO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	ACCENT 75WG	0.031	LAA	11				0	91	87
B	DISTINCT 70WG	0.088	LAA	11						
C	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
11A	STEADFAST 75DF	0.035	LAA	11				0	94	88
B	DISTINCT 70WG	0.088	LAA	11						
C	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	IMPACT 2.8SC	0.016	LAA	12				0	82	96
B	ATRAZINE DF	1.00	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
LSD (0.05)					0.00	17.06	19.13	1.78	9.08	7.23
STANDARD DEVIATION					0.00	7.00	7.82	0.863	4.40	3.50

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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	ABUTH	ZEAMD	ERBVI	ABUTH
		RATE	UNIT		CON % 06/10/05	CON % 06/10/05	CON % 06/10/05	CON % 06/24/05	CON % 06/24/05	CON % 06/24/05
1A	RADIUS 4SC	0.66	LAA	9	0	28	97	0	17	97
B	ATRAZINE DF	1.00	LAA	9						
2A	BALANCE PRO 4S	0.047	LAA	9	3	43	99	0	33	99
B	OPTION 35WDG	0.033	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
3A	DEFINE 4SC	0.375	LAA	9	2	42	99	0	32	99
B	OPTION 35WDG	0.033	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
4A	OPTION 35WDG	0.022	LAA	11	2	87	96	0	47	92
B	ACCENT 75WG	0.012	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
5A	OPTION 35WDG	0.022	LAA	11	0	89	88	0	53	95
B	ACCENT 75WG	0.015	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
6A	OPTION 35WDG	0.027	LAA	11	0	89	96	0	48	86
B	ACCENT 75WG	0.012	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
7A	OPTION 35WDG	0.027	LAA	11	0	91	98	0	53	89
B	ACCENT 75WG	0.015	LAA	11						
C	MISO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
8A	STEADFAST 75DF	0.035	LAA	11	0	94	98	0	57	98
B	CALLISTO 4SC	0.063	LAA	11						
C	ATRAZINE DF	0.25	LAA	11						
D	MISO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
9A	OPTION 35WDG	0.033	LAA	11	2	60	98	0	32	98
B	CALLISTO 4SC	0.063	LAA	11						
C	ATRAZINE DF	0.25	LAA	11						
D	MISO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	ACCENT 75WG	0.031	LAA	11	0	79	97	0	48	95
B	DISTINCT 70WG	0.088	LAA	11						
C	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
11A	STEADFAST 75DF	0.035	LAA	11	0	88	95	0	50	95
B	DISTINCT 70WG	0.088	LAA	11						
C	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	IMPACT 2.8SC	0.016	LAA	12	0	87	99	0	37	99
B	ATRAZINE DF	1.00	LAA	12						
C	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
LSD (0.05)					2.43	7.53	8.27	0.00	10.95	12.67
STANDARD DEVIATION					1.18	3.65	4.00	0.00	5.30	6.14

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

* TIMING CODES

09 = ----- / PREEMERGENCE 04/20/2005(1)
 11 = ----- / EPOST 05/20/2005(2)
 12 = ----- / POST 05/27/2005(3)

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 %	05/20/2005	01	P	ZEAMD	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ERBVI	CON %	05/20/2005	02	P	ERBVI	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	05/20/2005	03	P	ABUTH	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	06/03/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ERBVI	CON %	06/03/2005	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/03/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/10/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ERBVI	CON %	06/10/2005	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/10/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	06/24/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERBVI	CON %	06/24/2005	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/24/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DK 6018RR

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED