

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
PH: 7.0  
%OM: 0.0  
PREV. CROP: NA - NONE  
%RESIDUE: 0  
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/01/01	06/13/01	AME
AIR TEMPERATURE	80	79	F
% REL. HUMIDITY	50	60	
WIND DIRECTION	SOUTH	SOUTHWEST	
WIND SPEED	7.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
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	40.00	40.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/19	
GARST 8481		26.0/26.0	IN
04/29/2001			
*** PEST ***			
CUPGRASS, WOOLLY		---/15	
		2.00/10.0	IN

## \* TIMING CODES

09 = ----- / PREEMERGENCE  
12 = ----- / POST

## \* STAGE CODE

15 = 5 LEAVES UNFOLDED  
19 = 9 OR MORE LEAVES UNFOLDED

## DATA MEAN

TITLE: DW-WLYCUP Woolly Cupgrass Control in Corn - Dwight, IL  
 CREATED: 05/01/2001 REVISED: 01/25/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Dwight RESEARCHED BY:  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 05/15/01	ZEAMD CON % 05/28/01	ERBVI CON % 05/28/01	ZEAMD CON % 06/28/01	ERBVI CON % 06/28/01	ZEAMD CON % 07/16/01
		RATE	UNIT	TM						
1A	BALANCE PRO 4S	0.094	LAA	9	0	0	33	0	70	0
	B>>AEF 130360-1 7	0.066	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
2A	BALANCE PRO 4S	0.07	LAA	9	0	0	60	0	83	0
	B>>AEF 130360-1 7	0.066	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
3A	TOPNOTCH (3.2C	2.00	LAA	9	0	0	65	0	64	0
	B>>AEF 130360-1 7	0.066	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
4A	ATRAZINE DF	1.50	LAA	9	0	0	49	0	45	0
	B>>AEF 130360-1 7	0.066	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
5A	ATRAZINE DF	1.50	LAA	9	0	0	46	0	53	0
	B>>AEF 130360-1 7	0.076	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
6A	ATRAZINE DF	1.50	LAA	9	0	0	40	0	64	0
	B>>AEF 130360-1 7	0.088	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	ATRAZINE DF	1.50	LAA	9	0	0	43	0	63	0
	B>>AEF 130360-2 6	0.067	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A	ATRAZINE DF	1.50	LAA	9	0	0	33	0	66	0
	B ACCENT 75WG	0.031	LAA	12						
	C>>COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
9A	ATRAZINE DF	1.50	LAA	9	0	0	28	0	66	0
	B>>LIGHTNING 70DG	0.056	LAA	12						
	C>>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
10A	EPIC 58DF	0.54	LAA	9	0	0	82	0	80	0
	B ATRAZINE DF	1.25	LAA	9						
11A	USA 2001 71.5W	0.58	LAA	9	0	0	74	0	64	0
	B ATRAZINE DF	1.25	LAA	9						
12A	USA 2001 71.5W	0.715	LAA	9	0	0	85	0	80	0
	B ATRAZINE DF	1.25	LAA	9						
13A	USA 2001 71.5W	0.85	LAA	9	0	0	78	0	81	0
	B ATRAZINE DF	1.25	LAA	9						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
	STANDARD DEVIATION				LSD (0.05) 0.00	0.00	20.00	0.00	12.49	0.00
					0.00	0.00	9.90	0.00	6.18	0.00

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**CREATED:** 05/01/2001 **REVISED:** 01/25/2002 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Dwight **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERBVI CON % 07/16/01
		RATE	UNIT		
1A	BALANCE PRO 4S	0.094	LAA 9		49
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
2A	BALANCE PRO 4S	0.07	LAA 9		76
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
3A	TOPNOTCH (3.2C	2.00	LAA 9		64
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
4A	ATRAZINE DF	1.50	LAA 9		26
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
5A	ATRAZINE DF	1.50	LAA 9		21
	B»AEF 130360-1 7	0.076	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
6A	ATRAZINE DF	1.50	LAA 9		35
	B»AEF 130360-1 7	0.088	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
7A	ATRAZINE DF	1.50	LAA 9		23
	B»AEF 130360-2 6	0.067	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
8A	ATRAZINE DF	1.50	LAA 9		69
	B ACCENT 75WG	0.031	LAA 12		
	C»COC	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
9A	ATRAZINE DF	1.50	LAA 9		76
	B»LIGHTNING 70DG	0.056	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		
10A	EPIC 58DF	0.54	LAA 9		66
	B ATRAZINE DF	1.25	LAA 9		
11A	USA 2001 71.5W	0.58	LAA 9		43
	B ATRAZINE DF	1.25	LAA 9		
12A	USA 2001 71.5W	0.715	LAA 9		55
	B ATRAZINE DF	1.25	LAA 9		
13A	USA 2001 71.5W	0.85	LAA 9		63
	B ATRAZINE DF	1.25	LAA 9		
14A	CHECK	0.00	NA 0		0
		LSD (0.05)			18.07
		STANDARD DEVIATION			8.94

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/01/2001(1)

## DATA MEAN

## \* TIMING CODES

12 = ----- / POST 06/13/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
01	ZEAMD	CON %	05/15/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	ZEAMD	CON %	05/28/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ERBVI	CON %	05/28/2001	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	06/28/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ERBVI	CON %	06/28/2001	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	07/16/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ERBVI	CON %	07/16/2001	02	P	ERBVI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST 8481