

Purdue University

Dandelion Control in Corn - respray Dow protocol

Trial ID: 03-ACRE-CORN-DAN3
Location: ACRE

Study Dir.:
Investigator: Dr. Bill Johnson

GENERAL TRIAL INFORMATION

Investigator: Dr. Bill Johnson

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	TAROF	Common dandelion	Taraxacum officinale

SITE AND DESIGN

Plot Width, Unit: 5 FT Plot Length, Unit: 12.5 FT Reps: 4
Study Design: RANDOMIZED COMPLETE BLOCK

APPLICATION DESCRIPTION

	A	B
Application Date:	27/May/2003	17/Jun/2003
Application Method:	SPRAY	SPRAY
Application Timing:	PREPOS	POSPOS
Air Temp., Unit:	75 F	86 F
% Relative Humidity:	30	48
Wind Velocity, Unit:	6 mph	2.5 MPH
Soil Temp., Unit:	18 C	23 C
% Cloud Cover:		0

CROP STAGE AT EACH APPLICATION

	A	B
Stage Scale:		v1 - v2
Height, Unit:		2.5 IN

WEED STAGE AT EACH APPLICATION

	A	B
Stage Scale:	10 - 12"	12 - 14"
Density, Unit:	3 FT2	3 FT2

Purdue University

Dandelion Control in Corn - respray Dow protocol

Trial ID: 03-ACRE-CORN-DAN3
Location: ACRE

Study Dir.:
Investigator: Dr. Bill Johnson

Weed Code	TAROF	TAROF	TAROF
Rating Date	16/Jun/2003	1/Jul/2003	16/Jul/2003
Weed Stage	12 - 14"	12 - 16"	8 - 14"
Weed Density, Unit	3-6 FT2	3-6 FT2	3-6 FT2
Trt-Eval Interval	20 DA-A	14 DA-B	29 DA-B
# Subsamples, Dec.	0	0	0
Trt No.	Treatment Name	Rate	Grow Unit Stg
			1 2 3
1	Glyphomax Plus (ae) Curtail (ae) AMS		pre pre pre
		59 a	79 a 58 b
2	Glyphomax Plus (ae) Hornet WDG AMS		pre pre pre
		63 a	83 a 59 b
3	Glyphomax Plus (ae) Curtail (ae) AMS		epost epost epost
		0 c	80 a 88 a
4	Glyphomax Plus (ae) Curtail (ae) AMS		epost epost epost
		0 c	78 a 90 a
5	Keystone Curtail (ae) Glyphomax Plus (ae) AMS		pre epost epost epost
		8 b	75 a 89 a
6	Untreated		
		0 c	0 b 0 c
LSD (P=.05)	5.2	11.0	14.9
Standard Deviation	3.4	7.3	9.9
CV	15.9	11.13	15.46
Grand Mean	21.58	65.58	64.08
Bartlett's X2	4.537	8.085	11.566
P(Bartlett's X2)	0.103	0.089	0.021*
Replicate F	0.958	2.253	4.700
Replicate Prob(F)	0.4381	0.1242	0.0166
Treatment F	314.547	77.969	49.489
Treatment Prob(F)	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.