

Disclaimer:

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Residual Control of Common Sowthistle in Fallow 2015-16

Trial ID: DK1510 Location: Bellata Trial Year: 2016
 Investigator: Denielle Kilby

Application Date:	20/05/2016
Weed:	Common Sowthistle

Pest Scientific Name			<i>Sonchus oleraceus</i>		
Pest Name			Common Sowthistle		
Situation			Fallow		
Assessment Date			8/07/2016	31/08/2016	26/09/2016
Description			Quadrat	Transect	Quadrat
Assessment Type			COUNT	COUNT	COUNT
Assessment Unit			/m ²	/m ²	/m ²
Pest Stage Majority			13	13	18
Treatment-Evaluation Interval			49 DAA	103 DAA	129 DAA
ARM Action Codes			AA	T1	AL
Trt No.	Treatment	Product Rate			
1	Untreated	-	1.6a	0.02	0.4ab
2	Terbyne Xtreme	1200g/ha	0.1de	0.01	0.1de
3	Balance	100g/ha	0.6bc	0.05	0.4abc
4	Gp D S	3300ml/ha	0.1de	0.02	0.3a-d
5	Balance Gp D S	100g/ha 3300ml/ha	0.1de	0.01	0.1de
6	Tordon 75-D	1000ml/ha	0.0e	0	0.1de
7	Atragranz	533g/ha	1.3ab	0	0.2b-e
8	Primextra Gold	3200ml/ha	0.1de	0.02	0.4ab
9	Gp C DG	2000ml/ha	0.6bc	0.05	0.1cde
10	Flame	200ml/ha	1.6a	0.03	0.5a
11	Flame Diurex	200ml/ha 1100g/ha	0.4cd	0.02	0.0e
12	Experimental 1	75g/ha	0.7abc	0.03	0.4abc
13	Experimental 2	280g/ha	0.0e	0.03	0.1cde
	LSD P=		2.27t	nsd	0.09t
	Treatment Prob.(F)=		0.0001	0.4900	0.0010

Means followed by same letter do not significantly differ (P=.05, LSD)

t = Mean descriptions are reported in transformed data units, and are not de-transformed.

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

nsd = No significant difference

Pest Stage Majority

13 = 3 true leaves, leaf pairs or whorls unfolded

18 = 8 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

AA = Automatic arcsine square root % transformation

AL = Automatic log transformation of X+1

T1 = [2]/32

DAA = Days after Application

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Application Description	
Application Date:	20/05/2016
Application Start Time:	11:45 AM
Application Stop Time:	1:35 AM
Application Method:	SPRAY
Application Timing:	Pre-Em
Air Temperature, Unit:	23.5 C
% Relative Humidity:	31
Wind Velocity, Unit:	14.4 km/h
Wind Direction:	S
Dew Presence (Y/N):	No
Soil Moisture:	GOOD
% Cloud Cover:	10
Next Moisture Occurred On:	27/05/2016
Time to Next Moisture, Unit:	7 DAY

Application Equipment	
Application Equipment:	Quad Bike
Equipment Type:	BOOM
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Nozzles/Row:	4
Boom Length, Unit:	4 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.5 km/h
Spray Volume, Unit:	70 L/ha