

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Residual Control of Common Sowthistle in Fallow 2015-16

Trial ID: AM1544 Location: Edgeroi Trial Year: 2015
 Investigator: Anthony Mitchell

Application Date:	28/11/2015
Target/Stage:	Pre-Emergent
NB: some 4-7 leaf Sowthistle present at application	

Pest Scientific Name			<i>Sonchus oleraceus</i>	<i>Portulaca oleracea</i>	<i>Sonchus oleraceus</i>	Volunteer Chickpea
Pest Name			Common Sowthistle	Red Pig Weed	Common Sowthistle	
Situation			Fallow	Fallow	Fallow	Fallow
Rating Date			14/01/2016	12/02/2016	12/02/2016	12/02/2016
Rating Type			COUNT	COUNT	COUNT	COUNT
Rating Unit			/m ²	/m ²	/m ²	/m ²
ARM Action Codes			AA T1	AA T2	AA T3	AA T4
Trt No.	Treatment	Product Rate				
1	Untreated	-	0.03-	0.69a	1.52a	0.75a
2	Terbyne Xtreme	1200g/ha	0.00-	0.10bc	0.02d	0.60abc
3	Balance	100g/ha	0.01-	0.17bc	0.22c	0.66ab
4	Gp D S	3300ml/ha	0.01-	0.18bc	1.45a	0.66ab
5	Balance Gp D S	100g/ha 3300ml/ha	0.00-	0.05cd	0.36c	0.73a
6	Tordon 75-D	1000ml/ha	0.01-	0.05cd	0.03d	0.12e
7	Gp C A	553g/ha	0.02-	0.58a	0.77b	0.59abc
8	Primextra Gold	3200ml/ha	0.00-	0.20bc	0.82b	0.49bcd
9	Dual Gold	2000ml/ha	0.00-	0.15bc	1.24a	0.64ab
10	Flame	200ml/ha	0.00-	0.00d	0.77b	0.38d
11	Flame Gp C D	200ml/ha 1100g/ha	0.01-	0.00d	0.02d	0.41cd
12	Gp G S	75g/ha	0.01-	0.25b	0.02d	0.66ab
13	Gp G V	280g/ha	0.02-	0.00d	0.01d	0.55a-d
LSD P=			nsd	1.455t	1.162t	0.810t
Treatment Prob.(F)=			0.1850	0.0001	0.0001	0.0001

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

Rating Unit

m² = square metre

ARM Action Codes

AA = Automatic arcsine square root % transformation

T1 = Arcsine square root percent ([2])

T2 = Arcsine square root percent ([4])

T3 = Arcsine square root percent ([6])

T4 = Arcsine square root percent ([8])

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Trial ID: AM1544 Location: Edgeroi Trial Year: 2015

Application Description	
Application Date:	28/11/2015
Application Start Time:	6:00 AM
Application Stop Time:	8:00 AM
Application Method:	SPRAY
Application Timing:	Pre-Em
Air Temperature, Unit:	24 C
% Relative Humidity:	32
Wind Velocity, Unit:	11 km/h
Wind Direction:	SW
Soil Moisture:	FAIR
% Cloud Cover:	70
Next Moisture Occurred On:	8/12/2015

Application Equipment	
Application Equipment:	Quad Bike
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Boom Length, Unit:	4 m
Boom Height, Unit:	0.5 m
Ground Speed, Unit:	10.3 km/hr
Spray Volume, Unit:	70 L/ha