

**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.**

## Camera Spray Treatments for Control of Common Sowthistle 2015-16 – Emerald Hill

Trial ID: **AM1540**                      Location: **Emerald Hill**                      Trial Year: **2015**  
 Investigator: **Anthony Mitchell**

Application Date:	<b>12/11/2015</b>
Weed Size Range:	<b>Large branched to full bud</b>

Pest Scientific Name			<i>Sonchus oleraceus</i>	
Pest Name			Common Sowthistle	
Situation			Fallow	
Rating Date			7/12/2015	18/12/2015
Rating Type			VISUAL CONTROL	COUNT
Rating Unit			%	/m <sup>2</sup>
Pest Stage Majority			Early flower	Early flower
Treatment-Evaluation Interval			25 DAA	36 DAA
Trt No.	Treatment	Product Rate		
1	Weedmaster DST	4000ml/ha	19def	0.26-
2	Weedmaster DST	8000ml/ha	45b-e	0.21-
3	Verdict 520 Garlon 600 Uptake Ammonium Sulfate	300ml/ha 200ml/ha 0.5% v/v 2% v/v	9f	0.37-
4	Verdict 520 Starane Advanced Uptake Ammonium Sulfate	300ml/ha 2000ml/ha 0.5% v/v 2% v/v	20c-f	0.24-
5	Verdict 520 Fallowboss Tordon Uptake Ammonium Sulfate	300ml/ha 1000ml/ha 0.5% v/v 2% v/v	14ef	0.31-
6	Basta	5000ml/ha	91a	0.01-
7	Nuquat	5000ml/ha	63ab	0.07-
8	Nuquat Balance	5000ml/ha 100g/ha	49bcd	0.13-
9	Velocity Uptake	1000ml/ha 0.5% v/v	37b-f	0.23-
10	Alliance	7000ml/ha	51bc	0.18-
11	Amitrole T	5000ml/ha	12f	0.40-
12	Amicide Advance	4000ml/ha	20c-f	0.17-
LSD P=			31.21	nsd
Treatment Prob.(F)=			0.0004	0.0713

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

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

nsd = No significant difference

### Rating Unit

/m<sup>2</sup> = per square metre

DAA = Days after Application

## Camera Spray Treatments for Control of Common Sowthistle – Emerald Hill

Trial ID: AM1540

Location: Emerald Hill

Trial Year: 2015

Application Description	
Application Date:	12/11/2015
Application Start Time:	1:00 PM
Application Stop Time:	5:00 PM
Application Method:	SPRAY
Application Timing:	Late Post-Em
Air Temperature, Unit:	29.4 C
% Relative Humidity:	42
Wind Velocity, Unit:	10 km/h
Wind Direction:	NW
Soil Moisture:	FAIR
% Cloud Cover:	80
Next Moisture Occurred On:	13/11/2015

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
Boom Length, Unit:	4 m
Boom Height, Unit:	1.3 m
Ground Speed, Unit:	7.2 km/h
Spray Volume, Unit:	100 L/ha