

**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.**

<b>Knockdown Control of Common Sowthistle 2015-16</b>
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Trial ID: <b>LB1531</b>	Location: <b>Macalister</b>	Trial Year: <b>2016</b>
	Investigator: <b>Linda Bailey</b>	

Application Date:	<b>13/05/2016</b>
Weed:	<b>Common Sowthistle</b>
Weed Stage:	<b>2 Leaf – Full Flowering</b>
Weed Density:	<b>0.05/m<sup>2</sup></b>

Pest Scientific Name			<i>Sonchus oleraceus</i>		
Pest Name			Common Sowthistle		
Situation			Fallow		
Assessment Date			20/05/2016	27/05/2016	10/08/2016
Assessment Type			BURNDOWN	BURNDOWN	REGROWTH
Assessment Unit			%	%	m <sup>2</sup>
Pest Stage Majority			65		
Treatment-Evaluation Interval			7 DAA	14 DAA	89 DAA
ARM Action Codes			AL		T1
Trt No.	Treatment	Product Rate			
1	Glyphosate CT	1000ml/ha	8def	33ef	0.00b
2	Glyphosate CT	2000ml/ha	6ef	87a-d	0.00b
3	Glyphosate CT	4000ml/ha	21bc	67a-e	0.00b
4	Express	25g/ha	5f	15f	0.02a
5	Amicide Advance 700	1100ml/ha	26bc	58a-f	0.00b
6	Amicide Advance 700 Hasten	1100ml/ha 1% v/v	17bcd	50c-f	0.00b
7	Gp I T	1000ml/ha	30b	43def	0.00b
8	Grazon Extra	600ml/ha	14b-e	65a-e	0.00b
9	Starane Advanced	600ml/ha	17bcd	50c-f	0.00b
10	Gp I B S	14g/ha	21bc	70a-e	0.00b
11	Gp H C V	600ml/ha	13cde	80a-d	0.00b
12	Gp H C V	1000ml/ha	21bc	73a-e	0.00b
13	Gp I FT	1000ml/ha	5f	53b-f	0.00b
14	Sharpen Hasten	34g/ha 1% v/v	98a	98a	0.00b
15	Balance Nuquat	100g/ha 2000ml/ha	93a	95ab	0.00b
16	Nuquat	2000ml/ha	88a	92abc	0.00b
LSD P=			0.3t	44.7	nsd
Treatment Prob.(F)=			0.0001	0.0289	1.0000

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.

Missing data estimates are included in columns: Average = 1, 2, 4

nsd = No significant difference

**Assessment Type**

BURNDOWN = Burndown/brownout

**Pest Stage Majority**

65 = Full flowering: 50% of flowers open, first petals may be fallen

**ARM Action Codes**

AL = Automatic log transformation of X+1

T1 = [3]/48

DAA = Days after Application

## Knockdown Control of Common Sowthistle 2015-16

Trial ID: LB1531

Location: Macalister

Trial Year: 2016

Application Description	
Application Date:	13/05/2016
Application Start Time:	11:45 AM
Application Stop Time:	1:55 PM
Application Method:	SPRAY
Application Timing:	Post-Em
Air Temperature, Unit:	22 C
% Relative Humidity:	48
Wind Velocity, Unit:	8 km/h
Wind Direction:	S
Dew Presence (Y/N):	No
Soil Moisture:	DRY
% Cloud Cover:	0
Next Moisture Occurred On:	27/05/2016

Application Equipment	
Application Equipment:	Quad Mounted
Equipment Type:	Boom
Operation Pressure, Unit:	310 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Nozzles/Row:	8
Boom Length, Unit:	4 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.3 km/h
Spray Volume, Unit:	70 L/ha