

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

Trial ID: **LB1620** Location: **Inglestone** Trial Year: **2017**
 Investigator: **Linda Bailey**

Objective:	To evaluate herbicides for the residual control of Common Sowthistle in fallow
Weed:	Common Sowthistle
Application Date:	12/01/2017
Weed Stage Majority:	Pre-Emergent
Trial Reliability:	Good
Keywords:	Common Sowthistle, Milkthistle, <i>Sonchus oleraceus</i> , residual, fallow

Pest Scientific Name			<i>Sonchus oleraceus</i>
Pest Name			Common Sowthistle
Description			Transect
Assessment Date			29/03/2017
Assessment Type			COUNT
Assessment Unit			/m ²
Pest Stage Majority			12
Treatment-Evaluation Interval			76 DAA
ARM Action Codes			AA T1
Trt No.	Treatment	Product Rate	
1	Untreated		9.6a
2	Balance	100g/ha	6.5abc
3	Experimental 1	3000g/ha	4.1cd
4	Experimental 2	167g/ha	1.3e
5	Experimental 2	333g/ha	0.1f
6	Atragranz	1000g/ha	6.4abc
7	Atragranz	2000g/ha	9.3ab
8	Terbyne Xtreme	860g/ha	2.5de
9	Terbyne Xtreme	1200g/ha	1.5e
10	Gp C D	1000g/ha	1.7e
11	Experimental 3	280g/ha	0.9ef
12	Gp D SX	3300ml/ha	6.6abc
13	Fallowboss Tordon	1000ml/ha	6.0bc
14	Tordon 75-D	1000ml/ha	7.2ab
15	Lontrel Advanced	150ml/ha	6.6abc
16	Gp H C V	1000ml/ha	6.1abc
LSD =			3.79t
Treatment Prob.(F)=			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.

Exp = Experimental product used, currently not registered.

Pest Stage Majority

12 = 2 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

T1 = Arcsine square root percent ([2])

DAA = Days after Application

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Trial ID: LB1620	Location: Inglestone	Trial Year: 2017
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Application Description	
Application Date:	12/01/2017
Application Start Time:	9:45 AM
Application Stop Time:	11:25 AM
Application Method:	SPRAY
Application Timing:	PRE-EMERGENT
Application Placement:	SOIL
Air Temperature, Unit:	35 C
% Relative Humidity:	40
Wind Velocity, Unit:	6 km/h
Wind Direction:	NW
Dew Presence (Y/N):	No
Soil Moisture:	DRY
% Cloud Cover:	20
Next Moisture Occurred On:	15/01/2017

Application Equipment	
Operation Pressure, Unit:	300 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
Carrier:	WATER
Spray Volume, Unit:	70 L/ha