

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 herbicides for summer fallow weed control 2014-15

Trial ID: **AM1503** Location: **Gunnedah** Trial Year: **2014**
 Protocol ID: **NGA1417** Investigator: **Anthony Mitchell**

Application Code:	A
Application Date:	24/11/2014
Target Stage:	Pre-emergent

Pest Scientific Name:			<i>Urochloa panicoides</i>	<i>Tribulus terrestris</i>	<i>Convolvulus erubescens</i>
Pest Name:			Liverseed Grass	Caltrop	Australian Bindweed
Rating Date:			15/01/2015	15/01/2015	15/01/2015
Rating Type:			COUNT	COUNT	COUNT
Rating Unit:			/m ²	/m ²	/m ²
Treatment-Evaluation Interval:			52 DAA	52 DAA	52 DAA
ARM Action Codes:			AA	AA	AA
Trt No.	Treatment	Product Rate			
1	Untreated	-	0.73	0.14ab	0.09ab
2	Gp K DG	2000ml/ha	0.38	0.20a	0.10a
3	Flame	200ml/ha	0.11	0.00e	0.00c
4	Balance	100g/ha	0.14	0.00e	0.00c
5	Gp K DG	2000ml/ha	0.01	0.01de	0.00c
	Balance	100g/ha			
6	Gp K DG	2000ml/ha	0.04	0.10abc	0.02abc
	Stomp Xtra	3300ml/ha			
7	Balance	100g/ha	0.02	0.00e	0.00c
	Flame	200ml/ha			
8	Balance	100g/ha	0.33	0.02cde	0.02bc
	Stomp Xtra	3300ml/ha			
9	Flame	200ml/ha	0.16	0.00e	0.01c
	Stomp Xtra	3300ml/ha			
10	Balance	100g/ha	0.25	0.03b-e	0.00c
	Terbyne Xtreme	860g/ha			
11	Gp K DG	2000ml/ha	0.73	0.09a-d	0.00c
	Terbyne Xtreme	860g/ha			
12	Flame	200ml/ha	0.05	0.00e	0.00c
	Terbyne Xtreme	860g/ha			
13	Gp K DG	2000ml/ha	0.06	0.03cde	0.00c
	Gp G V	210g/ha			
14	Flame	200ml/ha	0.18	0.00e	0.00c
	Gp G V	210g/ha			
15	Flame	200ml/ha	0.02	0.00e	0.00c
	Gp C D	1000g/ha			
16	Gp G V	210g/ha	0.44	0.02cde	0.00c
		LSD	nsd	1.11t	0.96t
		Treatment Prob.(F)	0.38	0.00	0.00

Rating Type

COUNT = count

Rating Unit

/m² = per square meter

ARM Action Codes

AA = Automatic arcsine square root % transformation

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

Application Description	
	A
Application Date:	24/11/2014
Application Start Time:	6.00AM
Application Stop Time:	9:00 AM
Application Method:	SPRAY
Application Timing:	PRE EM
Application Placement:	SOIL
Air Temperature, Unit:	30 C
% Relative Humidity:	47
Wind Velocity, Unit:	11 KM
Wind Direction:	SE
% Cloud Cover:	90
Next Moisture Occurred On:	24/11/2014

Application Equipment	
	A
Application Equipment:	Quadbike
Equipment Type:	SPRAYE
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Boom Length, Unit:	4 m
Boom Height, Unit:	75 cm
Ground Speed, Unit:	10.3 KPH
Spray Volume, Unit:	70 L/ha