

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 Herbicides for Summer Fallow Weed Control 2014-15

Trial ID: AM1502 Location: Boggabri Trial Year: 2014
 Protocol ID: NGA1417 Investigator: Anthony Mitchell

Application Code:	A
Application Date:	22/11/2014
Target Stage:	Pre-emergent

Scientific Pest Name: Pest Name: Rating Date: Rating Type: Rating Unit: ARM Action Codes Treatment-Evaluation Interval:			<i>Urochloa panicoides</i> Liverseed Grass		
			14/12/2014 COUNT /m ² 22 DAA	13/01/2015 COUNT /m ² AS 52 DAA	12/03/2015 COUNT /m ² AL T1 110 DAA
Trt No.	Treatment	Product Rate			
1	Untreated	-	106	142.2a	4.0a
2	Gp K DG	2000 ml/ha	88	62.7cd	4.5a
3	Flame	200 ml/ha	42	16.9ef	0.7d
4	Balance	100 g/ha	138	89.8bc	4.4a
5	Gp K DG Balance	2000 ml/ha 100 g/ha	109	61.0cd	3.7a
6	Gp K DG Stomp Xtra	2000 ml/ha 3300 ml/ha	111	51.0d	2.1c
7	Balance Flame	100 g/ha 200 ml/ha	111	23.4e	0.4de
8	Balance Stomp Xtra	100 g/ha 3300 ml/ha	46	82.0bc	2.3bc
9	Flame Stomp Xtra	200 ml/ha 3300 ml/ha	88	6.9f	0.1e
10	Balance Terbyne Xtreme	100 g/ha 860 g/ha	110	80.7bc	4.2a
11	Gp K DG Terbyne Xtreme	2000 ml/ha 860 g/ha	41	68.2bcd	4.7a
12	Flame Terbyne Xtreme	200 ml/ha 860 g/ha	39	15.6ef	0.7d
13	Gp K DG Gp G V	2000 ml/ha 210 g/ha	117	89.5bc	3.6ab
14	Flame Gp G V	200 ml/ha 210 g/ha	61	12.6ef	0.5de
15	Flame Gp C D	200 ml/ha 1000 g/ha	41	24.5e	0.5de
16	Gp G V	210 g/ha	102	95.6b	4.0a
LSD			nsd	1.83t	0.15t
Treatment Prob.(F)			0.07	0.00	0.00

Rating Type

COUNT = count

Rating Unit/m² = per square meter**ARM Action Codes**

AS = Automatic square root transformation of X+0.5

AL = Automatic log transformation of X+1

T1 = LOG ([4] + 1)

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:	22/11/2014
Application Start Time:	5.00AM
Application Stop Time:	7:00 AM
Application Method:	SPRAY
Application Timing:	PRE EM
Application Placement:	SOIL
Air Temperature, Unit:	37 C
% Relative Humidity:	21
Wind Velocity, Unit:	1 KM
Wind Direction:	NW
% Cloud Cover:	0
Next Moisture Occurred On:	23/11/2014

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 m
Ground Speed, Unit:	10.3 KPH
Spray Volume, Unit:	70 L/ha