

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 the Control of Grass Weeds in Fallow

Trial ID: **LB1321** Location: **Millmerran** Trial Year: **2013**
 Protocol ID: **NGA1301** Investigator: **Linda Bailey**

Application Date:	27/11/2013
Target/Stage:	Pre-emergent

Pest Scientific Name:		<i>Echinochloa colona</i>		
Pest Name:		Awnless Barnyard Grass		
Rating Date:		5/02/2014	10/04/2014	
Rating Type:		COUNT	COUNT	
Rating Unit:		/m ²	/m ²	
Treatment-Evaluation Interval:		70 DAA	134 DAA	
ARM Action Codes:		TA[1]	TL[3]	
Trt No.	Treatment	Product Rate		
1	Untreated	-	2.1a	48.6a
2	Gp D SX	1800ml/ha	0.7bc	16.9c-f
3	Gp D SX	3300ml/ha	0.3c-f	8.7g
4	Gp D T	1500ml/ha	1.0ab	36.6ab
5	Gp D T	3000ml/ha	0.3b-e	31.5ab
6	Gp G V	210g/ha	0.8bc	28.4abc
7	Gp G V	280g/ha	0.8bc	22.6b-e
8	Flame	200ml/ha	0.1def	13.1efg
9	Balance	100g/ha	0.2c-f	27.4bc
10	Gp K DG	2000ml/ha	0.3c-f	17.2c-f
11	Gp D SX	1800ml/ha	0.0ef	14.7d-g
	Balance	100g/ha		
12	Flame	200ml/ha	0.0f	9.8fg
	Balance	100g/ha		
13	Gp K S	118g/ha	0.8bc	27.7bc
14	Gp CK PG	3200ml/ha	0.3c-f	25.2bcd
15	Experimental	1000g/ha	0.4bcd	32.9ab
		LSD =	2.55t	0.23t
		Treatment Prob.(F)=	<0.01	<0.01

ARM Action Codes

TA[1] = Arcsine square root percent([1])

TL[3] = LOG([3]+ 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.

nsd = no significant difference

Application Description	
	A
Application Date:	27/11/2013
Application Start Time:	13:10 PM
Application Stop Time:	2:30 PM
Application Method:	SPRAY
Application Timing:	PRE-EM
Application Placement:	SOIL
Air Temperature, Unit:	30 C
% Relative Humidity:	33
Wind Velocity, Unit:	5 KPH
Wind Direction:	S
Dew Presence (Y/N):	N no
Soil Moisture:	VERDRY
% Cloud Cover:	10

Application Equipment	
	A
Application Equipment:	Quad mounted
Equipment Type:	Boom
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	0.5 M
Nozzles/Row:	8
Ground Speed, Unit:	10.3 KPH
Carrier:	WATER
Spray Volume, Unit:	70 L/ha