

**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: LB1418  
Protocol ID: NGA1417

Location: Millmerran  
Investigator: Linda Bailey

Trial Year: 2014

Application Code:	A
Application Date:	27/11/2014
Target Stage:	Pre-Emergent

Scientific Pest Name:			<i>Echinochloa colona</i>	<i>Chloris virgata</i>
Pest Name:			Awnless Barnyard grass	Feathertop Rhodes grass
Rating Date:			22/12/2014	4/02/2015
Rating Type:			COUNT	COUNT
Rating Unit:			/m <sup>2</sup>	/m <sup>2</sup>
Pest Stage Majority:			13	25
Treatment-Evaluation Interval:			25 DAA	69 DAA
Trt No.	Treatment	Product Rate		
1	Untreated	-	10.0a	0.31a
2	Gp K DG	2000ml/ha	0.0b	0.02b
3	Flame	200ml/ha	0.0b	0.01b
4	Balance	100g/ha	0.0b	0.01b
5	Gp K DG Balance	2000ml/ha 100g/ha	0.0b	0.01b
6	Gp K DG Stomp Xtra	2000ml/ha 3300ml/ha	0.0b	0.01b
7	Balance Flame	100g/ha 200ml/ha	0.0b	0.01b
8	Balance Stomp Xtra	100g/ha 3300ml/ha	0.0b	0.00b
9	Flame Stomp Xtra	200ml/ha 3300ml/ha	0.0b	0.00b
10	Balance Terbyne Xtreme	100g/ha 860g/ha	0.0b	0.01b
11	Gp K DG Terbyne Xtreme	2000ml/ha 860g/ha	0.0b	0.00b
12	Flame Terbyne Xtreme	200ml/ha 860g/ha	0.0b	0.00b
13	Gp K DG Gp G V	2000ml/ha 210g/ha	0.0b	0.00b
14	Flame Gp G V	200ml/ha 210g/ha	0.0b	0.01b
15	Flame Gp C D	200ml/ha 1000g/ha	0.0b	0.00b
LSD			3.12	0.16
Treatment Prob.(F)			0.00	0.05

**Rating Type**

COUNT = count

**Rating Unit**

/m<sup>2</sup> = per square meter

Means followed by same letter do not significantly differ (P=.05, LSD)

<b>Application Description</b>	
	<b>A</b>
<b>Application Date:</b>	<b>27/11/2014</b>
<b>Application Start Time:</b>	<b>12:25 PM</b>
<b>Application Stop Time:</b>	<b>2:25 PM</b>
<b>Application Method:</b>	<b>SPRAY</b>
<b>Application Timing:</b>	<b>PRE EM</b>
<b>Application Placement:</b>	<b>SOIL</b>
<b>Applied By:</b>	<b>L Bailey</b>
<b>Air Temperature, Unit:</b>	<b>32 C</b>
<b>% Relative Humidity:</b>	<b>40</b>
<b>Wind Velocity, Unit:</b>	<b>3 KPH</b>
<b>Wind Direction:</b>	<b>S</b>
<b>Dew Presence (Y/N):</b>	<b>N no</b>
<b>Soil Moisture:</b>	<b>DRY</b>
<b>% Cloud Cover:</b>	<b>50</b>
<b>Next Moisture Occurred On:</b>	<b>28/11/2014</b>
<b>Time to Next Moisture, Unit:</b>	<b>1 DAY</b>

<b>Application Equipment</b>	
	<b>A</b>
<b>Application Equipment:</b>	<b>Quadbike</b>
<b>Equipment Type:</b>	<b>SPRAYE</b>
<b>Operation Pressure, Unit:</b>	<b>300 kPa</b>
<b>Nozzle Type:</b>	<b>AIXR</b>
<b>Nozzle Size:</b>	<b>110015</b>
<b>Nozzle Spacing, Unit:</b>	<b>50 cm</b>
<b>Boom Length, Unit:</b>	<b>4 m</b>
<b>Boom Height, Unit:</b>	<b>0.5 m</b>
<b>Ground Speed, Unit:</b>	<b>10.3 KPH</b>
<b>Carrier:</b>	<b>WATER</b>
<b>Spray Volume, Unit:</b>	<b>70 L/ha</b>
<b>Mix Size, Unit:</b>	<b>4.7 liters</b>