

**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 grass control in wheat 2014

Trial ID: AM1413  
Protocol ID: NGA1401

Location: Boggabri  
Investigator: Anthony Mitchell

Trial Year: 2014

<b>Crop/Variety:</b>	Wheat cv. Lang
<b>Planting Date:</b>	28/05/2014
<b>Planting Equipment:</b>	Commercial Tyne Planter
<b>Row Spacing:</b>	40cm
<b>Application Date:</b>	30/5/2014
<b>Target/Stage:</b>	PSPE – NB No incorporation

Pest Name:				Sowthistle	Flaxleaf Fleabane	Mustard sp.	Medic sp.	Total Broadleaf weeds
Pest Scientific Name:				<i>Sonchus oleraceus</i>	<i>Conyza bonariensis</i>			
Rating Date:			11/06/2014	10/08/2014				
Rating Type:			Emergence	Count				
Rating Unit:			/m <sup>2</sup>	/m <sup>2</sup>	/m <sup>2</sup>	/m <sup>2</sup>	/m <sup>2</sup>	/m <sup>2</sup>
Days After First/Last Application:			12 12	72 72	72 72	72 72	72 72	72 72
Trt No.	Treatment	Product Rate						
1	Untreated	-	36.1 -	1.3abc	0.1 -	0.4a	0.5a	2.4a
2	Sakura 850 WG	118g/ha	34.4 -	0.0d	0.1 -	0.0d	0.0b	0.2cd
3	Sakura 850 WG Tackle 750 WG	118g/ha 20g/ha	39.5 -	0.0d	0.1 -	0.0d	0.0b	0.1d
4	Boxer Gold	2500ml/ha	37.9 -	0.0d	0.3 -	0.0d	0.0b	0.4cd
5	Avadex Xtend	1300ml/ha	41.2 -	1.4ab	0.1 -	0.2ab	0.1ab	2.0ab
6	Triflurx	2000ml/ha	40.6 -	0.7c	0.1 -	0.1bcd	0.0b	1.1abc
7	Stomp 440	1400ml/ha	42.8 -	0.1d	0.0 -	0.0d	0.1ab	0.4cd
8	Triflurx Avadex Xtend	1500ml/ha 1300ml/ha	45.1 -	0.8bc	0.0 -	0.1bc	0.0b	0.9bc
9	Tackle 750 WG	20g/ha	39.6 -	1.6a	0.0 -	0.0cd	0.0b	1.6ab
10	Dual Gold	250ml/ha	34.0 -	1.2abc	0.2 -	0.0cd	0.4a	2.5a
11	Terbyne Xtreme 875 WG Avadex Xtend	860g/ha 1300ml/ha	40.0 -	0.0d	0.0 -	0.0d	0.0b	0.1d
12	Boxer Gold Stomp 440	2500ml/ha 700ml/ha	40.0 -	0.1d	0.0 -	0.0cd	0.0b	0.1d
13	Dual Gold Stomp 440	250ml/ha 1400ml/ha	39.3 -	0.0d	0.0 -	0.0d	0.0b	0.0d
14	Untreated	-	37.9 -					
LSD P=.05			7.93	1.86t	2.31t	1.44t	2.72t	3.18t
Treatment Prob.(F)			0.3241	0.0001	0.3280	0.0001	0.0493	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.

## Residual grass control in wheat 2014

Trial ID: AM1413      Location: Boggabri      Trial Year: 2014  
 Protocol ID: NGA1401H      Investigator: Anthony Mitchell

Pest Name:			Annual Ryegrass	Windmill grass
Pest Scientific Name:			<i>Lolium rigidum</i>	<i>Chloris truncata</i>
Rating Date:			10/08/2014	30/09/2014
Rating Type:			Count	
Rating Unit:			/m <sup>2</sup>	/m <sup>2</sup>
Days After First/Last Application:			72    72	113    113
Trt No.	Treatment	Product Rate		
1	Untreated	-	0.6 -	0.0 -
2	Sakura 850 WG Herbicide	118g/ha	0.0 -	0.1 -
3	Sakura 850 WG Herbicide Tackle 750 WG	118g/ha 20g/ha	0.0 -	0.0 -
4	Boxer Gold Herbicide	2500ml/ha	0.0 -	0.1 -
5	Avadex Xtend	1300ml/ha	0.2 -	0.0 -
6	Triflurx	2000ml/ha	0.2 -	0.0 -
7	Stomp 440	1400ml/ha	1.2 -	0.0 -
8	Triflurx Avadex Xtend	1500ml/ha 1300ml/ha	0.2 -	0.0 -
9	Tackle 750 WG	20g/ha	0.1 -	0.0 -
10	Dual Gold	250ml/ha	0.5 -	0.0 -
11	Terbyne Xtreme 875 WG Avadex Xtend	860g/ha 1300ml/ha	0.0 -	0.1 -
12	Boxer Gold Herbicide Stomp 440	2500ml/ha 700ml/ha	0.4 -	0.0 -
13	Dual Gold Stomp 440	250ml/ha 1400ml/ha	0.2 -	0.0 -
14	Untreated	-	1.2 -	0.0 -
LSD P=.05			1.08	2.58t
Treatment Prob.(F)			0.4170	0.8934

### Rating Type

EMERGE = emergence  
 COUNT = count  
 NDVI = normalized difference vegetation index

### Rating Unit

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

### Plant-Evaluation Interval

14 DP-1 = 1 TRZAS 28/5/14  
 74 DP-1 = 1 TRZAS 28/5/14  
 57 DP-1 = 1 TRZAS 28/5/14  
 115 DP-1 = 1 TRZAS 28/5/14

### ARM Action Codes

AA = Automatic arcsine square root % transformation  
 T1 = [C1]/1.28

Application Description	
Application Date:	30/5/14
Application Start Time:	8.00am
Application Stop Time:	10:30 AM
Application Method:	SPRAY
Application Timing:	PREPLA
Air Temperature, Unit:	20 C
% Relative Humidity:	53
Wind Velocity, Unit:	2 KPH
Wind Direction:	NE
% Cloud Cover:	100

<b>Application Equipment</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>75 cm</b>
<b>Ground Speed, Unit:</b>	<b>10.3 KPH</b>
<b>Spray Volume, Unit:</b>	<b>70 L/ha</b>