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 **Location:** Boggabri **Trial Year:** 2014
Protocol ID: NGA1401 **Investigator:** Anthony Mitchell

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

Pest Name:				**Sowthistle**	**Flaxleaf Fleabane**	**Mustard sp.**	**Medic sp.**	**Total Broadleaf weeds**
Pest Scientific Name:				***Sonchus oleraceus***	***Conyza bonariensis***			
Rating Date:				**11/06/2014**	**10/08/2014**			
Rating Type:				**Emergence**	**Count**			
Rating Unit:				**/m²**	**/m²**	**/m²**	**/m²**	**/m²**
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

Trt No.	Treatment	Product Rate	Annual Ryegrass *Lolium rigidum* 10/08/2014 Count /m² 72		Windmill grass *Chloris truncata* 30/09/2014 Count /m² 113	
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
/m2 = 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**

Application Equipment	
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**