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 weed control in Clearfield wheat 2014

Trial ID: LB1403 **Location:** Condamine **Trial Year:** 2014
Protocol ID: NGA1401 **Investigator:** Linda Bailey

Planting Date:	**13/05/2014**		
Planting Equipment:	**Commercial Tyne Planter**		
Row Spacing:	**36cm**		
Application Code:	**A**	**B**	**C**
Application Date:	**6/05/2014**	**15/05/2014**	**23/06/2014**
Application Timing:	**Pre-plant**	**PSPE**	**Post-emergent**
Target/Stage:	**Pre-emergent**		**GS21 –early tillering**

Pest Name:							**Flaxleaf Fleabane**	**Liverseed Grass**	**Flaxleaf Fleabane**
Scientific Pest Name:							***Conyza bonariensis***	***Urochloa panicoides***	***Conyza bonariensis***
Crop Name:							**Wheat**		
Crop Variety:							**Elmore CL**		
Rating Date:							**16/06/2014**	**16/06/2014**	**23/06/2014**
Rating Type:							**EMERGE**	**COUNT**	**COUNT**
Rating Unit:							**/m²**	**/m²**	**/m²**
Crop Stage Majority:							**14**	**14**	**16**
Days After First/Last Application:							**34 32**	**34 32**	**41 39**
Plant-Evaluation Interval:							**34 DP-1**	**34 DP-1**	**41 DP-1**
ARM Action Codes:							**AL**	**AA**	**AA**
Trt No.	**Treatment**	**Product Rate**		**Active Rate**	**Growth Stage**	**Appln Code**	**1**	**2**	**3**	**4**
1	Untreated	-		-	-	-	60 -	0.2 abc	0.9 -	1.7 -
2	Sakura 850 WG	118	g/ha	100 g ai/ha	PREPLA	A	56 -	0.0 de	0.1 -	0.4 -
3	Sakura 850 WG	118	g/ha	100 g ai/ha	PREPLA	A	61 -	0.0 de	0.4 -	1.2 -
	Tackle 750 WG	20	g/ha	15 g ai/ha	PREPLA	A				
4	Boxer Gold	2500	ml/ha	2300 g ai/ha	PREPLA	A	53 -	0.0 e	0.6 -	0.9 -
5	Avadex Xtend	1300	ml/ha	780 g ai/ha	PREPLA	A	53 -	0.6 a	0.5 -	1.0 -
6	Triflurx	2000	ml/ha	960 g ai/ha	PREPLA	A	53 -	0.0 cde	0.4 -	0.7 -
7	Stomp 440	1400	ml/ha	616 g ai/ha	PREPLA	A	57 -	0.1 cde	0.3 -	0.2 -
8	Triflurx	1500	ml/ha	720 g ai/ha	PREPLA	A	57 -	0.0 cde	0.8 -	1.2 -
	Avadex Xtend	1300	ml/ha	780 g ai/ha	PREPLA	A				
9	Tackle 750 WG	20	g/ha	15 g ai/ha	PREPLA	A	55 -	0.0 cde	0.4 -	1.2 -
10	Dual Gold	250	ml/ha	240 g ai/ha	PREPLA	A	53 -	0.1 cde	0.3 -	0.8 -
11	Terbyne Xtreme 875 WG	860	g/ha	750 g ai/ha	PREPLA	A	62 -	0.5 ab	0.1 -	0.2 -
	Avadex Xtend	1300	ml/ha	780 g ai/ha	PREPLA	A				
12	Grp B F	200	ml/ha	48 g ai/ha	PSPE	B	57 -	0.0 e	0.1 -	0.0 -
13	Experimental	100	g/ha	70 g ai/ha	POEMCR	C	57 -	0.2 bcd	0.1 -	0.1 -
	Supercharge	0.5	% v/v		POEMCR	C				
14	Intervix	750	ml/ha	36 g ai/ha	POEMCR	C	55 -	0.2 bcd	0.5 -	0.3 -
	Supercharge	0.5	% v/v		POEMCR	C				
						LSD P=.05	nsd	2.02t	nsd	nsd
						Treatment Prob.(F)	0.3666	0.0004	0.1625	0.4431

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 weed control in Clearfield wheat 2014

Trial ID: LB1403 **Location:** Condamine **Trial Year:** 2014
Protocol ID: NGA1401 **Investigator:** Linda Bailey

Trt No.	Treatment	Product Rate	Application Rate	Growth Stage	Appln. Code	Liverseed Grass *Urochloa panicoides*	Flaxleaf Fleabane *Conyza bonariensis*
	Rating Date:					23/06/2014	04/09/2014
	Rating Type:					COUNT	COUNT
	Rating Unit:					/m²	/m²
	Crop Stage Majority:					16	
	Days After First/Last Application:					41 39	114 73
	Plant-Evaluation Interval:					41 DP-1	114 DP-1
	ARM Action Codes:					AA	AA
						5	6
1	Untreated	-	-	-	-	1.7 ab	1.1 -
2	Sakura 850 WG	118 g/ha	100 g ai/ha	PREPLA	A	0.1 cd	0.3 -
3	Sakura 850 WG	118 g/ha	100 g ai/ha	PREPLA	A	0.1 cd	0.7 -
	Tackle 750 WG	20 g/ha	15 g ai/ha	PREPLA	A		
4	Boxer Gold	2500 ml/ha	2300 g ai/ha	PREPLA	A	0.2 cd	0.3 -
5	Avadex Xtend	1300 ml/ha	780 g ai/ha	PREPLA	A	2.8 a	1.0 -
6	Triflurx	2000 ml/ha	960 g ai/ha	PREPLA	A	0.0 d	0.3 -
7	Stomp 440	1400 ml/ha	616 g ai/ha	PREPLA	A	0.3 bcd	0.4 -
8	Triflurx	1500 ml/ha	720 g ai/ha	PREPLA	A	0.2 cd	0.9 -
	Avadex Xtend	1300 ml/ha	780 g ai/ha	PREPLA	A		
9	Tackle 750 WG	20 g/ha	15 g ai/ha	PREPLA	A	0.3 bcd	0.5 -
10	Dual Gold	250 ml/ha	240 g ai/ha	PREPLA	A	0.0 d	0.4 -
11	Terbyne Xtreme 875 WG	860 g/ha	750 g ai/ha	PREPLA	A	1.1 abc	0.1 -
	Avadex Xtend	1300 ml/ha	780 g ai/ha	PREPLA	A		
12	Grp A F	200 ml/ha	48 g ai/ha	PSPE	B	0.0 d	0.1 -
13	Experimental	100 g/ha	70 g ai/ha	POEMCR	C	0.5 bcd	0.2 -
	Supercharge	0.5 % v/v		POEMCR	C		
14	Intervix	750 ml/ha	36 g ai/ha	POEMCR	C	0.5 bcd	0.2 -
	Supercharge	0.5 % v/v		POEMCR	C		
					LSD	4.76t	nsd
					Treatment Prob.(F)	0.0044	0.3077

Rating Type
EMERGE = emergence
COUNT = count
Growth Stage
POEMCR = post emergent crop
Rating Unit
/m2 = per square meter
Plant-Evaluation Interval
34 DP-1 = 1 TRZAW May-13-2014
41 DP-1 = 1 TRZAW May-13-2014
114 DP-1 = 1 TRZAW May-13-2014
ARM Action Codes
AL = Automatic log transformation of X+1
AA = Automatic arcsine square root % transformation

Application Description			
	A	B	C
Application Date:	13/5/14	15/5/14	23/6/14
Application Start Time:	1:00 PM	2:40 PM	11:20 AM
Application Stop Time:	2:45 PM	3:00 PM	11:35 AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PREPLA	PSPE	POEMCR
Application Placement:	BROSOI	BROSOI	FOLIAR
Applied By:	L Bailey	L Bailey	L Bailey
Air Temperature, Unit:	24.4 C	25 C	23 C
% Relative Humidity:	36	42	38
Wind Velocity, Unit:	3 KPH	3.5 KPH	6 KPH
Wind Direction:	S	NE	NE
Dew Presence (Y/N):	N no	N no	N no
Soil Moisture:	SLIWET	SLIWET	DRY
% Cloud Cover:	50	70	10
Next Moisture Occurred On:	24/5/14	24/5/14	29/6/14

Application Equipment			
	A	B	C
Appl. Equipment:	Quadbike	Quadbike	Quadbike
Equipment Type:	SPRAYE	SPRAYE	SPRAYE
Operation Pressure, Unit:	300 kPa	300 kPa	300 kPa
Nozzle Type:	AIXR	AIXR	AIXR
Nozzle Size:	110015	110015	110015
Nozzle Spacing, Unit:	50 cm	50 cm	50 cm
Boom Length, Unit:	4 M	4 M	4 M
Boom Height, Unit:	0.5 M	0.5 M	0.5 M
Ground Speed, Unit:	10.3 KPH	10.3 KPH	10.3 KPH
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	70 L/ha	70 L/ha	70 L/ha