

**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 <i>Conyza bonariensis</i>	Liverseed Grass <i>Urochloa panicoides</i>	Flaxleaf Fleabane <i>Conyza bonariensis</i>
Scientific Pest Name:									
Crop Name:						Wheat			
Crop Variety:						Elmore CL			
Rating Date:						16/06/2014	16/06/2014	16/06/2014	23/06/2014
Rating Type:						EMERGE	COUNT	COUNT	COUNT
Rating Unit:						/m <sup>2</sup>	/m <sup>2</sup>	/m <sup>2</sup>	/m <sup>2</sup>
Crop Stage Majority:						14	14	14	16
Days After First/Last Application:						34 32	34 32	34 32	41 39
Plant-Evaluation Interval:						34 DP-1	34 DP-1	34 DP-1	41 DP-1
ARM Action Codes:						AL	AA	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 Tackle 750 WG	118 g/ha 20 g/ha	100 g ai/ha 15 g ai/ha	PREPLA PREPLA	A A	61 -	0.0 de	0.4 -	1.2 -
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 Avadex Xtend	1500 ml/ha 1300 ml/ha	720 g ai/ha 780 g ai/ha	PREPLA PREPLA	A A	57 -	0.0 cde	0.8 -	1.2 -
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 Avadex Xtend	860 g/ha 1300 ml/ha	750 g ai/ha 780 g ai/ha	PREPLA PREPLA	A A	62 -	0.5 ab	0.1 -	0.2 -
12	Grp B F	200 ml/ha	48 g ai/ha	PSPE	B	57 -	0.0 e	0.1 -	0.0 -
13	Experimental Supercharge	100 g/ha 0.5 % v/v	70 g ai/ha	POEMCR POEMCR	C C	57 -	0.2 bcd	0.1 -	0.1 -
14	Intervix Supercharge	750 ml/ha 0.5 % v/v	36 g ai/ha	POEMCR POEMCR	C C	55 -	0.2 bcd	0.5 -	0.3 -
LSD P=.05 Treatment Prob.(F)						nsd 0.3666	2.02t 0.0004	nsd 0.1625	nsd 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  
Protocol ID: NGA1401

Location: Condamine  
Investigator: Linda Bailey

Trial Year: 2014

Pest Name:						Liverseed Grass	Flaxleaf Fleabane
Scientific Pest Name:						<i>Urochloa panicoides</i>	<i>Conyza bonariensis</i>
Rating Date:						23/06/2014	04/09/2014
Rating Type:						COUNT	COUNT
Rating Unit:						/m <sup>2</sup>	/m <sup>2</sup>
Crop Stage Majority:						16	73
Days After First/Last Application:						41 39	114 73
Plant-Evaluation Interval:						41 DP-1	114 DP-1
ARM Action Codes:						AA	AA
Trt No.	Treatment	Product Rate	Application Rate	Growth Stage	Appln. Code	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 Supercharge	100 g/ha 0.5 % v/v	70 g ai/ha	POEMCR POEMCR	C C	0.5 bcd	0.2 -
14	Intervix Supercharge	750 ml/ha 0.5 % v/v	36 g ai/ha	POEMCR POEMCR	C C	0.5 bcd	0.2 -
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

/m<sup>2</sup> = 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