

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 Feathertop Rhodes Grass Control in Wheat 2015

Trial ID: **LB1515** Location: **St Ruth** Trial Year: **2015**
Investigator: **Linda Bailey**

Screening of wheat residual herbicides at registered rates for activity against Feathertop Rhodes grass

Planting Date:	19/05/2015
Planting Equipment:	Commercial disc planter
Row Spacing:	50cm
Application Code:	A
Application Date:	18/05/2015
Target/Stage:	Pre-emergent

Pest Scientific Name:			<i>Chloris virgata</i>		
Pest Name:			Feathertop Rhodes grass		
Crop Name:			Wheat Lancer 10/06/2015 EMERGENCE /m ² 13 22 DP1		
Crop Variety:					
Rating Date:				26/08/2015	11/09/2015
Rating Type:				COUNT	COUNT
Rating Unit:				/m ²	/m ²
Crop Stage Majority:				12	15
Pest Stage Majority:				99 DP1	115 DP1
Plant-Evaluation Interval:				AA	AA
ARM Action Codes:					
Trt No.	Treatment	Product Rate			
1	Untreated	-	50.9-	1.82a	6.07a
2	Sakura	118g/ha	49.8-	0.01cd	0.01d
3	Sakura	118g/ha	50.3-	0.00d	0.05cd
	Tackle	20g/ha			
4	Boxer Gold	2500ml/ha	48.8-	0.01cd	1.90a-d
5	Avadex Xtra	1600ml/ha	54.8-	0.60abc	2.21abc
6	Triflurex	2000ml/ha	41.6-	0.01cd	0.60bcd
7	Rifle	1400ml/ha	40.4-	0.01cd	0.15bcd
8	Triflurex	1500ml/ha	44.4-	0.24bcd	2.49abc
	Avadex Xtra	1600ml/ha			
9	Tackle	20g/ha	46.6-	0.18cd	2.84ab
10	Dual Gold	250ml/ha	40.0-	1.39ab	6.55a
11	Terbyne Xtreme	1000g/ha	56.3-	0.17cd	2.23abc
	Avadex Xtra	1600ml/ha			
12	Terbyne Xtreme	1000g/ha	39.5-	0.08cd	1.15bcd
	Triflurex	2000ml/ha			
LSD P=			nsd	4.295t	7.923t
Treatment Prob.(F)=			0.3654	0.0072	0.0096

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.

nsd = No significant difference

Rating Unit

/m² = per square metre

Pest Stage Majority

12 = 2 true leaves, leaf pairs or whorls unfolded

15 = 5 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

AA = Automatic arcsine square root % transformation

DAP = Days after Planting

Residual Herbicides for Feathertop Rhodes Grass Control in Wheat 2015

Trial ID: LB1515

Location: St Ruth

Trial Year: 2015

Application Description	
Application Date:	18/05/2015
Application Start Time:	1:30 PM
Application Stop Time:	3:00 PM
Application Method:	SPRAY
Application Timing:	Pre-Plant
Air Temperature, Unit:	25 C
% Relative Humidity:	55
Wind Velocity, Unit:	10 km/h
Wind Direction:	E
Dew Presence (Y/N):	No
Soil Moisture:	DRY
% Cloud Cover:	90
Next Moisture Occurred On:	22/05/2015

Application Equipment	
Application Equipment:	Quad mounted
Equipment Type:	Boom
Operation Pressure, Unit:	310 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Nozzles/Row:	8
Boom Length, Unit:	4 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.3 km/h
Spray Volume, Unit:	70 L/ha