

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 Annual Ryegrass Control in Wheat 2015

Trial ID: **AM1528** Location: **Gunnedah** Trial Year **2015**
Investigator: **Anthony Mitchell**

Planting Date:	10/06/2015
Planting Equipment:	Commercial Tyne Planter
Row Spacing:	15cm
Application Date:	10/06/2015
Target/Stage:	Pre-plant IBS

Pest Scientific Name			<i>Lolium rigidum</i>	<i>Chloris truncata</i>
Pest Name			Annual Ryegrass	Windmill Grass
Crop Name			Wheat	
Crop Variety			Spitfire	
Rating Date			29/06/2015	20/10/2015
Rating Type			EMERGENCE	COUNT
Rating Unit			/m ²	/m ²
Crop Stage Majority			09	
Pest Stage Majority				8 nodes
Plant-Evaluation Interval			19 DP1	162 DP1
ARM Action Codes			AL	AA T1 T2
Trt No.	Treatment	Product Rate		
1	Untreated		8.7-	0.43a
2	Sakura	118g/ha	0.8-	0.00e
3	Sakura	118g/ha	3.8-	0.00e
	Tackle	20g/ha		0.64fg
4	Boxer Gold	2500ml/ha	2.7-	0.11cd
5	Avadex Xtra	1600ml/ha	1.6-	0.19abc
6	Triflurex	2000ml/ha	2.7-	0.27abc
7	Rifle	1400ml/ha	7.0-	0.25abc
8	Triflurex	1500ml/ha	4.0-	0.12bcd
	Avadex Xtra	1600ml/ha		1.63c-g
9	Tackle	20g/ha	2.9-	0.01de
10	Dual Gold	250ml/ha	3.4-	0.35ab
11	Terbyne Xtreme	1000g/ha	1.6-	0.14bc
	Avadex Xtra	1600ml/ha		2.75abc
12	Terbyne Xtreme	1000g/ha	1.0-	0.13bcd
	Triflurex	2000ml/ha		1.30d-g
LSD P=			nsd	1.412t
Treatment Prob.(F)=			0.8904	0.0001
				0.0004

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

Crop Stage Majority

09 = Emergence: coleoptile penetrates soil surface (cracking stage)

ARM Action Codes

AL = Automatic log transformation of X+1

AA = Automatic arcsine square root % transformation

T2 = [4]/16

T1 = Arcsine square root percent ([3])

DP1 = Days after Planting

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Trial ID: AM1528

Location: Gunnedah

Trial Year 2015

Application Description	
Application Date:	10/06/2015
Application Start Time:	1:00 PM
Application Stop Time:	2:00 PM
Application Method:	SPRAY
Application Timing:	Pre-Em
Air Temperature, Unit:	18 C
% Relative Humidity:	54
Wind Velocity, Unit:	10 km/h
Wind Direction:	S/E
% Cloud Cover:	0
Next Moisture Occurred On:	17/06/2015

Application Equipment	
Application Equipment:	Quad bike
Equipment Type:	BOOM
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	75 cm
Boom Length, Unit:	5 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.3 km/h
Spray Volume, Unit:	70 L/ha