

# Triallate and Metolachlor for pre-emergent control of Ryegrass

A RECENT SA Hart Field Trial has shown herbicide mixes with Triallate and Metolachlor have given good economic ryegrass control compared to more expensive highly touted options like Boxer Gold® or the yet to released Sakura®.

The table below shows a mix of Trifluralin 480 1.5l/ha (IBS) + Triallate 2.0l/ha (IBS) + Metolachlor 1l/ha (PSPE) achieved one of the lowest ryegrass counts.

Boxer Gold® at 2.5l/ha had results behind the above three way combination and little better than Triallate alone. Plus it is likely to cost more. Sakura® when it is released is very unlikely to come cheaply either.

Ryegrass at the site was approximately 30% resistant to Trifluralin which is Group D. Triallate is Group J and

Metolachlor Group K so both products offer an effective rotation away from Trifluralin where herbicide resistance is a concern.

If farmers want pre-emergent alternatives for ryegrass other than Trifluralin they should consider 4Farmers Triallate 500 and Metolachlor 720.

4Farmers has unbeatable prices on many products including **Triallate 500 as low as \$9.35/l inc GST and Metolachlor 720 \$6.82/l inc GST.**

*Effect of pre-emergent herbicide treatments on annual ryegrass emergence (% control) and head density at Hart in 2010. Density values are expressed as the number of ryegrass plants in either a square metre of crop furrow or inter-row (i.e. area between crop rows)*

Herbicide Treatment	July			August Average		September
	Inter-row	Crop Row	Average	Average		Ryegrass heads/sqm
Ryegrass plants per square metre (% control)						
Nil (untreated control)	596	174	385	325		541
Trifluralin 480 1.5L/ha (IBS)	167 (72)	148 (15)	157 (59)	156 (52)		362
Triallate 500 3L/ha (IBS)	170 (72)	93 (47)	132 (72)	119 (63)		235
Boxer Gold 2.5L/ha (IBS)	115 (82)	63 (64)	89 (77)	136 (58)		196
Sakura 118g/ha (IBS)	148 (75)	63 (64)	106 (72)	75 (77)		39
Outlook 1.0 L/ha (IBS)	200 (66)	56 (68)	128 (67)	186 (43)		325
Trifluralin 480 1.5L/ha + Triallate 500 2.0L/ha (IBS)	100 (83)	41 (76)	70 (82)	78 (76)		244
Trifluralin 480 1.5L/ha (IBS)+Triallate 500 2.0L/ha (IBS)+Metolachlor720 0.5L/ha (PSPE)	44 (93)	15 (91)	30 (92)	33 (90)		110
Trifluralin 480 1.5L/ha (IBS)+Triallate 500 2.0L/ha (IBS)+Sakura 80g/ha (PSPE)	67 (89)	22 (87)	44 (89)	28 (91)		10
Trifluralin 480 1.5L/ha (IBS)+Triallate 500 2.0L/ha (IBS)+Boxer Gold 1.5L/ha (PSPE)	37 (94)	30 (83)	33 (91)	25 (92)		80
Boxer Gold 2.5L/ha (IBS)+Triallate 500 2.0L/ha (IBS)	86 (86)	30 (83)	57 (85)	64 (80)		152
Boxer Gold 1.5L/ha (IBS)+Boxer Gold 1.0L/ha (PSPE)	148 (75)	48 (72)	98 (75)	72 (78)		128
Boxer Gold 2.5L/ha (IBS)+Metolachlor 720 0.5L/ha (PSPE)	96 (84)	37 (79)	67 (83)	75 (77)		79
Sakura 80g/ha+Triallate 500 2.0L/ha (IBS)	30 (95)	15 (91)	22 (94)	31 (90)		31
Sakura 80 g/ha (IBS)+Sakura 38g/ha (PSPE)	145 (76)	48 (72)	96 (75)	50 (85)		40
Sakura 118g/ha (IBS)+ Metolachlor 720 0.5L/ha (PSPE)	82 (86)	30 (83)	56 (85)	53 (85)		31
Outlook 0.7L/ha (IBS)+Outlook 0.3 L/ha (PSPE)	178 (70)	56 (68)	117 (70)	136 (58)		250
LSD (0.05)	80	45	48	60		58

SOURCE:  
Funded GRDC,  
conducted at Hart SA  
by Gill et. al. (2010)

## One shot weed controlled in Legumes with Imazethapyr 700 WG

4FARMERS Imazethapyr 700 WG (similar to Spinnaker®) is now available for as little as \$110/kg inc GST. This is approximately a third of similar products. When used at recommended rates of 100g/ha the cost is only \$10/ha.

Imazethapyr controls all grasses and many broadleaf weeds in legume crops including Field Peas, Chickpeas and Faba Beans as well as legume pastures. Imazethapyr is a Group B chemical so Ryegrass control might be doubtful if resistance is a problem.



4Farmers is again helping farmers by bringing quality products to the market at better prices like Imazethapyr 700 WG says agronomist Terry Piper.

**4Farmers Pty Ltd** Suppliers of agricultural chemicals to protect your crops.  
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**Propyzamide stocks getting low**  
4FARMERS has been beating the drum since early this year about its Propyzamide at cost prices. All good things come to an end and it maybe soon for Propyzamide. When stocks run out we may fly product in albeit at higher prices to cover costs.



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