

Foliar Fungicides for Wheat

This trial is examining the performance of a new fungicide Radial and two new products from Adama. Radial is a fungicide that uses a mix of triazole and strobilurin fungicides.

This trial was sown on May 8th with Derrimut (MS-S for stripe rust) and Trojan (MR) wheat.

The trial was split topdressed with 50 kg N/ha in June and 80 kg N/ha in July as per the normal 6 t/ha yield target.

The trial was also sprayed with propiconazole fungicide in late August at Z33.

The following treatments were applied on September 22nd, at Z39, with thanks to Adama for supplying the fungicides.

Treatment	Active Ingredient	Rate
No fungicide	N/A	
Orius	400 g/l tebuconazole	290 ml/ha
Radial	75 g/l Epoxiconazole + 75 g/l Azoxystrobin	840 ml/ha
Adama 706		1250 ml/ha
Adama 1086		1250 ml/ha

Stripe rust was not detected either at spray application or post application.

Variety and Treatment	Yield t/ha	Protein %	Screenings %	Test Wt kg/hl
Trojan-Adama 706	6.91	8.2	0.5%	82.6
Trojan-No Fun	6.66	8.1	0.5%	82.7
Trojan-Tebuconazole	6.64	7.7	0.6%	82.1
Derrimut-Tebuconazole	6.44	8.1	0.8%	79.6
Trojan-Radial	6.38	7.8	0.7%	80.5
Derrimut-Adama 706	6.33	8.3	0.7%	80.2
Derrimut-Radial	6.22	8.2	0.6%	80.9
Derrimut-No Fun	6.14	8.1	0.7%	80.2
Derrimut-Adama 1086	5.87	7.7	0.7%	79.8
Derrimut-Epoxyconazole	5.84	7.9	1.0%	78.2
p	0.062			
lsd	NS			

No fungicide product produced and significant yield response. Comparing the two varieties, Trojan did outyield Derrimut.