

**2007 Winter Wheat Variety by Fungicide Timing Trials, Roseglen, ND
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Trial Information:

The objectives of this trial were to evaluate fungicide timing on to two winter wheat varieties, 'Jerry' and 'Radiant', for fungal leaf disease and scab control. The trial was no-till planted September 21, 2006 with spring wheat the previous crop. Treatments were arranged in a randomized complete block and replicated four times. Stratego at 4 fl oz/A was applied May 16 at the 5 ½ leaf stage. Prosaro at 6.5 fl oz/A was applied June 11 when Jerry was at 100% full head emergence and Radiant at 80% full head emergence. Prosaro is closely equivalent to 3 fl oz/A of Proline and 3 fl oz/A of Folicur. Leaf spot and rust were evaluated June 29. Scab was also rated on June 29. Scab ratings were very low and had no impact on the trial. Plots were harvested July 21.

2007 Winter Wheat Variety by Fungicide Timing Trial Leaf Disease Ratings, Roseglen, ND.

Variety/Treatment	Flag Leaf Spot %	Flag leaf Rust %
Jerry/Untreated	26.4	0.0
Jerry/Stratego	25.0	0.0
Jerry/Stratego + Prosaro	3.0	0.0
Jerry/Prosaro	3.4	0.0
Radiant/Untreated	29.5	18.9
Radiant/Stratego	30.0	20.8
Radiant/Stratego + Prosaro	2.9	1.9
Radiant/Prosaro	3.5	2.1
LSD 5%	2.8	1.8

2007 Winter Wheat Variety by Fungicide Timing Trial Yield Results, Roseglen, ND

Variety/Treatment	Yield bu/A	Test Weight lb/bu
Jerry/Untreated	51.3	56.0
Jerry/Stratego	55.5	56.0
Jerry/Stratego + Prosaro	65.5	58.5
Jerry/Prosaro	61.2	57.9
Radiant/Untreated	44.3	55.1
Radiant/Stratego	46.8	54.9
Radiant/Stratego + Prosaro	53.9	56.2
Radiant/Prosaro	55.2	56.6
LSD 5%	7.7	1.05