

**2007 Winter Wheat Variety by Fungicide Timing Trials, Berthold, 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 26, 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 leaf stage. Prosaro at 6.5 fl oz/A was applied June 15 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 July 3. Scab was also rated on July 3. Scab ratings were very low and had no impact on the trial. Plots were harvested August 2.

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

Variety/Treatment	Flag Leaf Spot %	Flag leaf Rust %
Jerry/Untreated	34.4	0.0
Jerry/Stratego	33.9	0.0
Jerry/Stratego + Prosaro	2.5	0.0
Jerry/Prosaro	2.7	0.0
Radiant/Untreated	30.3	14.6
Radiant/Stratego	34.8	15.5
Radiant/Stratego + Prosaro	3.0	0.9
Radiant/Prosaro	2.8	0.9
LSD 5%	2.4	2.9

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

Variety/Treatment	Yield bu/A	Test Weight lb/bu
Jerry/Untreated	68.3	61.2
Jerry/Stratego	72.0	61.2
Jerry/Stratego + Prosaro	81.4	62.2
Jerry/Prosaro	78.5	61.9
Radiant/Untreated	52.5	60.4
Radiant/Stratego	57.6	60.5
Radiant/Stratego + Prosaro	66.0	61.3
Radiant/Prosaro	63.6	61.5
LSD 5%	4.0	0.5