

ANNUAL BLUEGRASS (*Poa annua*)
 Speckled snow mold (*Typhula ishikariensis*)
 Gray snow mold (*T. incarnata*)

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Fungicide evaluation for the preventive control of snow molds on Annual Bluegrass, Vail, 2008-2009.

Experiments for control of gray and speckled snow mold were performed on an annual bluegrass fairway at Vail Golf Club (elev. 8600 ft). Treatments were arranged in a randomized complete block design with four replications. Individual plots measured 5 ft x 5 ft. First applications of several fungicide treatments were applied 26 Sept 08. The second application of the initial treatments and the remainder of the treatments were applied 29 Oct 08. All fungicides were applied in the equivalent of 5 gal water/1000 sq ft. A CO₂-powered sprayer equipped with 8004 Tee-jet nozzles delivered the treatments at 30 psi. Fungicide effectiveness was evaluated on 27 April 09. Plots were rated for the percentage of turf damaged by snow mold. Results are presented as the percent disease means rating.

The first permanent snow was on or about 15 Nov 08. This season had greater snow cover than had been seen in the previous 3 years. At evaluation time, there was still snow cover on parts of the golf course, in fact, we had to shovel the plots to evaluate them in April. Due to the length and amount of snow cover, disease pressure was high. The untreated plots averaged 92% area damaged. Even though there were several fungicide combinations that provided adequate control (<10% damage) and there were a few combinations that were close to the 10% control, the majority of the fungicides or combinations did not provide acceptable levels of control.

Treatment and Rate (1000 ft ²)	% Plot Area Damaged
Spectro 90WDG 4.0 oz FB 26/36 8.0 fl oz + CX-09 WDG 1.2 oz.....	4.50
Tartan 288SC 2.0 fl oz + Daconil Ultrex 82.5 WDG 5.0 oz.....	5.25
Spectro 90WDG 4.0 oz FB Instrata 3.6SE 11.0 fl oz + Medallion 50WP 0.25 oz.....	6.25
Pegasus HPX 3.6 fl oz + Dovetail 39.3EC 4.0 fl oz + Kestral MEX 1.3 ME 3.0 fl oz + Disarm SC 0.36 fl oz.....	6.50
Triton Flo 367SC 0.85 fl oz + Compass 50WG 0.25 oz + Daconil Ultrex 82.5WDG 5.0 oz.....	6.50
Reserve 4.8SC 5.4 fl oz + Compass 50WG 0.25 oz.....	6.75
Spectro 90WDG 4.0 oz FB 26/36 4.0 fl oz + CX-09 WDG 1.2 oz.....	7.50
Spectro 90WDG 4.0 oz FB 26/36 4.0 fl oz + Endorse 4.0 oz + CX-11 6.0 fl oz.....	8.50
Instrata 3.6SE 8.0 fl oz + Headway 1.5fl oz.....	10.00
Headway 3.0 fl oz + Concert 8.25 oz.....	10.00
USF26019T 6.0 fl oz + Triton Flo 367SC 0.85 fl oz.....	12.00
Spectro 90WDG 4.0 oz FB CX-09 1.2 oz + Endorse 4.0 oz.....	12.00
Spectro 90WDG 4.0 oz FB 26/36 4.0 fl oz + Endorse 4.0 oz.....	12.25
Triton Flo 367SC 1.1 fl oz + Compass 50WG 0.2 oz + DAconil Ultrex 82.5WDG 5.0 oz.....	12.75
Spectro 90WDG 5.75 oz + CX-09 1.2 oz.....	13.00

USF26019T 5.0 fl oz + Triton Flo 367SC 0.85fl oz.....	13.25
Instrata 3.6SE 5.5 fl oz FB Instrata 3.6SE 5.5 fl oz.....	15.00
Spectro 90WDG 4.0 oz FB 26/36 4.0 fl oz + CX-09 1.2 oz.....	15.50
Curalan 1.0 fl oz + Daconil Ultrex 82.5WDG 3.2 oz FB	
Insignia 20SC 0.5 oz + Trinity 19.2SC 1.0 fl oz.....	15.50
Banner MAXX 1.3ME 2.0 fl oz FB Instrata 3.6SE 11.0 fl oz + Medallion 50WP 0.25 oz.....	18.00
Instrata 3.6SE 11.0 fl oz.....	18.25
Banner MAXX 1.3ME 4.0 fl oz + Daconil Ultrex 82.5WDG 5.5 oz + Medallion 50WP 0.4 oz +	
Chipco 26GT 4.0 fl oz.....	18.75
Pegasus HPX 5.5 fl oz + Dovetail 39.3EC 4.0 fl oz + Disarm 0.36 oz.....	20.00
Banner MAXX 1.3ME 4.0 fl oz + Medallion 50WP 0.4 oz + Chipco 26GT 4.0 fl oz.....	22.50
USF26019T 4.0 fl oz + Triton Flo 367SC 0.85 fl oz.....	27.25
Disarm-C 3.0 oz + Chipco 26GT 4.0 fl oz.....	28.75
Instrata 3.6SE 9.3 fl oz.....	30.00
Tourney 50WDG 0.44 oz + Cleary's 3336 4.0 fl oz.....	31.25
Curalan 1.0 fl oz + Daconil Ultrex 82.5WDG 3.2 oz FB	
Trinity 19.2SC 1.5 fl oz + Daconil Ultrex 82.5WDG 3.2 oz.....	33.75
Turfcide 4F 6.0 fl oz + Spectro 90WDG 4.0 oz.....	37.00
Tourney 50WDG 0.44 oz + Daconil Ultrex 82.5WDG 3.2 oz FB	
Tourney 50WDG 0.44 oz + Daconil Ultrex 82.5 WDG 3.2 oz.....	42.00
Trinity 19.2SC 1.0 fl oz + Insignia 20SC 0.5 oz.....	42.00
AND 3150 5 lb FB And 8076 5.95 lb + AND 5017 6.66 lb.....	42.50
Trinity 19.2SC 1.5 fl oz + Insignia 20SC 0.5 oz.....	48.00
Tourney 50WDG 0.44 oz FB Tourney 50WDG 0.44 oz.....	51.25
AND 5017 6.66 lb.....	55.00
Turfcide 4F 9.0 fl oz.....	57.50
AND 3150 5.0 lb FB AND 5017 6.66 lb.....	62.00
Turfcide 4F 12.0 fl oz.....	63.25
AND 3150 3.75 lb FB AND 5017 3.33 lb.....	70.50
Disarm-G 4.5 lb.....	72.75
AND 5017 3.33 lb.....	77.75
Disarm 0.36 oz.....	78.75
Insignia 20SC 0.7 oz.....	83.00
Rhapsody 1.43DC 5.0 oz + Insignia 20SC 0.35 oz.....	84.00
Turfcide 4F 6.0 fl oz.....	86.75
Untreated Control.....	92.25
LSD alpha 0.05.....	22.25