Fusiform Rust Fungicide Alternative Study



2007 Study Fungicides

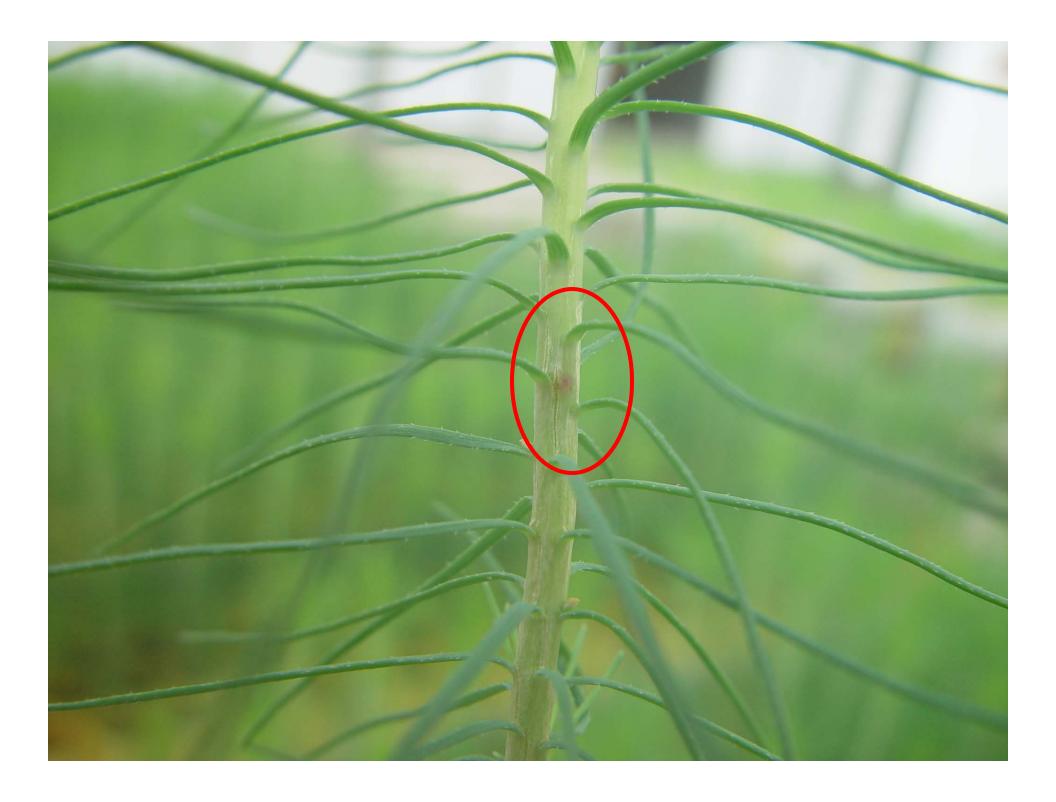
Fungicide	Manufacturer	Active Ingredient	Chemical Class
Bayleton	Bayer Cropscience	Triadimefon 50%	Triazole
Eagle	Dow Agroscience	Myclobutanil 19.7%	Triazole
Inspire	Sygenta	Difenconazole 25%	Triazole
Dividend Extreme Seed trt only	Sygenta	Difenoconazole 7.73% Mefenoxam 1.93%	Triazole Phenylamide
Provost 433 SC	Bayer Cropscience	Prothioconazole – 12.9% Tebuconazole – 25.8%	Triazole Triazole
Absolute 500SC	Bayer Cropscience	Tebuconazole 22.6% Trifloxystrobin 22.6%	Triazole Stobilurin
Folicur Seed trt only	Bayer Cropscience	Tebuconazole 38.7%	Triazole

Germination Results Following Seed Treatments

Seed Trt	% Germination following Seed Trt	
Check (H₂O)	99%	
Bayleton	92%	
Eagle	31%	
Inspire	30%	
Dividend	71% Surprised	
Provost	100%	
Absolute	95%	
Folicur	100%	

What has happened to date?

- Seed treatments applied and seed sown on 4/18/07
- Seedlings for foliar and seed test taken to Asheville, NC Rust Lab on 5/10/07
- Seedlings challenged with rust spores week of 5/14/07
- 3 month & 6 month evaluations to be done at Rust Center



Now the Good News and Bad News about Bayleton



Bayleton

- Bayer Cropscience is sole manufacturer of triadimefon.
- During re-registration process last year, BCS canceled many uses on the label
- AMVAC is sole distributor/marketer for Bayleton 50 WP. Current label has uses that are not legal.

Bayleton

- Here lies the problem the current label is not correct.
- BCS has no plans to stop manufacturing triadimefon and that it's use in pines will continue.
- BCS is deciding whether to put pines on the Environmental Science or Crop Protection label.

