

Fusiform Rust Fungicide Alternative Study






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2007 Study Fungicides

<i>Fungicide</i>	<i>Manufacturer</i>	<i>Active Ingredient</i>	<i>Chemical Class</i>
Bayleton	Bayer Cropscience	Triadimefon 50%	Triazole
Eagle	Dow Agrosience	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 (H ₂ O)	99%
Bayleton	92%
Eagle	31% 
Inspire	30% 
Dividend	71% 
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.

