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To: Oregon Wheat Growers and Industry Representatives

Re: Eastern Oregon Stripe Rust Update

From: Christina Hagerty, Chris Mundt, Ryan Graebner, Larry Lutchter, and Don Wysocki

Dear growers and stakeholders,

Isolated “hot spots” of stripe rust have been observed on susceptible cultivars (e.g. UI Magic) in Morrow and Gilliam County.

Growers should scout fields, particularly if known susceptible cultivars (e.g. UI Magic, Mary) are planted.

Given the good moisture this season, and probability to meet or exceed yield potential, if stripe rust is found, a fungicide application is recommended. Conditions for stripe rust have been favorable in eastern Oregon, and upcoming forecast is also favorable for stripe rust.

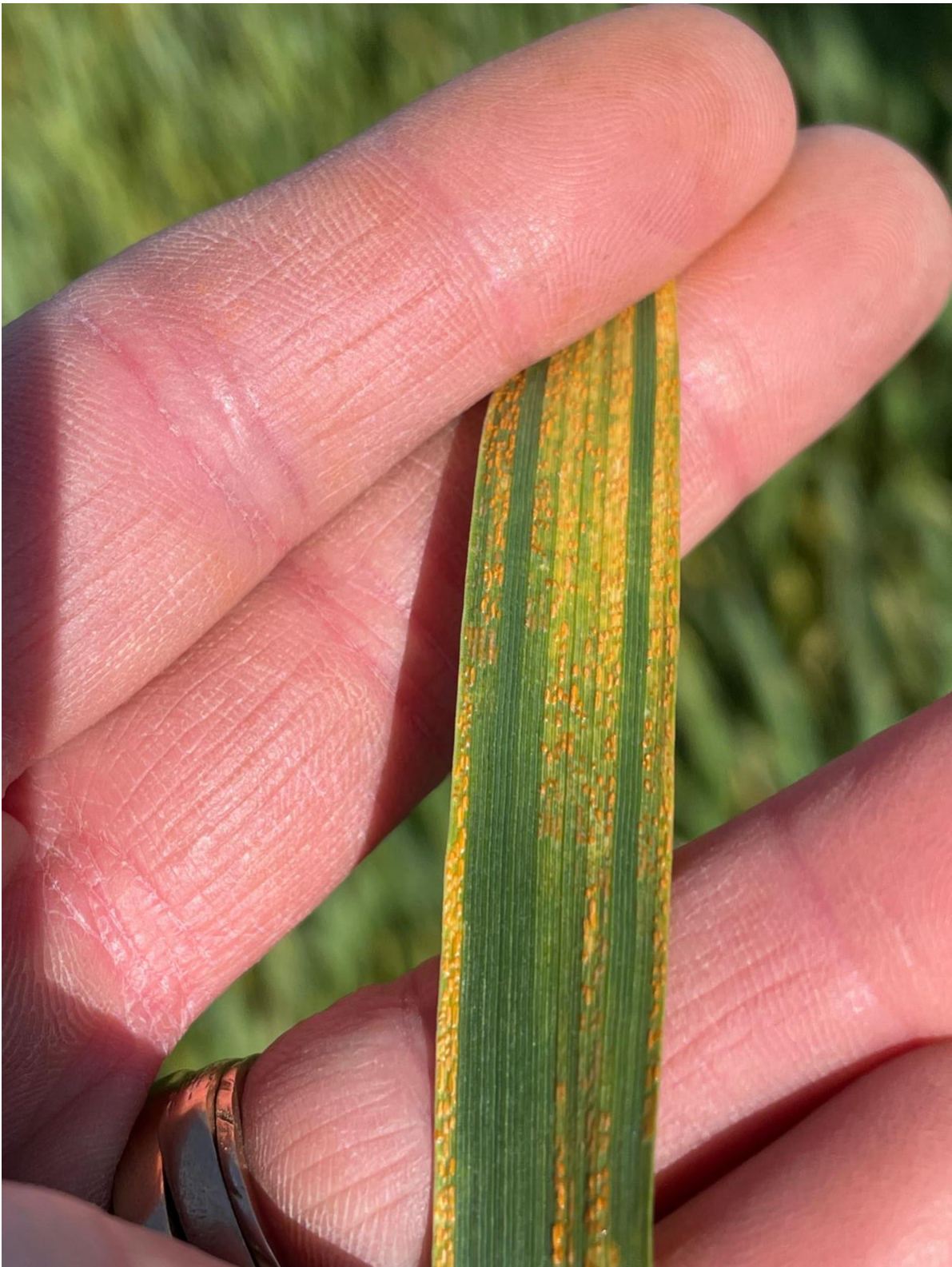
Rust can increase very quickly and it is important to not let stripe rust build to high levels. For highly susceptible varieties, such as Magic and Mary, it is best to spray when rust is first found, rather than wait for flag leaf emergence. This approach was taken in 2011 (the worst rust year since the early 1960s) with a very positive outcome. One should be prepared for a second spray, though this was not necessary during the severe epidemic in 2011 due to warmer, drier weather later in the season.. Timing of a fungicide application is generally more important than the fungicide product applied.

Less expensive fungicide products (triazoles) will give adequate control if applied in a timely manner. Fungicides containing both a triazole and a strobilurin can sometimes give better and more prolonged control under severe rust conditions, but are more expensive. We do not have data to support that SDHI fungicides give better control on stripe rust than a triazole/strobilurin mix. Choice of product will thus depend on susceptibility of your variety, yield potential of your crop, chemical price, and available funds.

Please do not hesitate to reach out if you have questions or concerns.







Stripe rust on UI Magic observed May 9th 2022, Morrow County, OR