



# Pest e-alerts



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## Wheat Disease Update

Bob Hunger, Extension Wheat Pathologist



**Oklahoma:** 18-May; Dr. Bob Hunger, OSU Extension Wheat Pathologist: Yesterday and today were spent examining plots around Stillwater and finding spotty, but dramatic increase in leaf rust. The untreated check plots in my foliar fungicide trial (cv Jagger) were in the 65-90% range. However, at other locations in Stillwater the leaf rust is not nearly as severe (05-15%). In some trials, leaves are gone from a combination of stripe rust and barley yellow dwarf. Powdery mildew (PM) also can still be found in

some trials; in one trial PM was on the lower heads as was stripe rust. Wheat was mostly in the milk to soft dough stage. I would expect that leaf rust will now become more prevalent in wheat in northern OK as temperatures are forecast to increase after a cool and rainy Wednesday.

We also have received several samples over the last week in which we have found various root rots, including take-all, *Fusarium* (dryland) and/or sharp eyespot (*Rhizoctonia*). These have come from a number of counties, mostly in western and northwestern OK, and are indicated by the formation of white, sterile heads scattered across the field and intermixed with green tillers/heads.





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