



Pest e-alerts



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Vol. 12, No. 4

<http://entopl.okstate.edu/Pddl/>

Feb 13, 2013

Wheat Disease Update

Bob Hunger, Extension Wheat Pathologist



There have been no reports of any foliar diseases in Oklahoma and no wheat samples have come to the diagnostic lab since last fall. The samples that came in last fall were diagnosed as having common root and/or problems associated with drought and drying soils after emergence. Dr. Art Klatt reported observing symptoms of wheat soilborne mosaic and/or wheat spindle streak mosaic in our virus screening nursery, which is typical for this time of year.

Texas Dr. Amir Ibrahim (Prof, Small Grains Breeding and Genetics, Texas A&M University) 10-Feb-2013: "Leaf and stripe rusts might be off to an early start in South Texas. Heavy leaf rust, as high as 80S, was seen in a fungicide trial in Pearsall, TX (55 miles Southwest of San Antonio – see photo). Leaf rust was also uniform in the lower canopy in our trials at Uvalde, TX. 'TAM 110' has 60S and you can see orange on the soil. Trace amounts of leaf rust were also uniform in our spreader blends in our Rust Evaluation Nursery at Castroville. The nursery looks lush and leaf rust is actively developing. Powdery mildew was heavy in the lower canopy of susceptible lines on February 7, 2013. Leaf rust was also present in trace amounts in our trials at College Station.



We detected trace amounts of stripe rust in our trials at College Station and our team is monitoring the situation closely. We also detected 20S stripe rust on TAM 110 at Uvalde.

We will keep monitoring wheat and oat rusts here in South Texas and we will keep you updated."



Dr. Richard Grantham
Director, Plant Disease and Insect Diagnostic Laboratory

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