



# **PLANT DISEASE AND INSECT ADVISORY**

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Vol. 7, No. 12

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

May 6, 2008

## **Wheat Disease Update**

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**WHAT A DIFFERENCE A COUPLE OF DAYS MAKES!** Yesterday, May 05<sup>th</sup>, I took disease reaction notes in breeder nurseries here at Stillwater. In these nurseries and in the variety-demo strips, leaf rust on susceptible varieties such as Jagalene and Jagger has increase into the 65% severity range. A similar significant increase in leaf rust also was noted by Dr. Brett Carver in his breeder nurseries at Lahoma, OK. I would strongly suspect that similar increases either are or will be observed in other locations around Oklahoma. Given the cool and moist conditions that are forecast for the next 4-5 days, leaf rust could make a significant, late season increase in Oklahoma.

Dr. Carver also noted that stripe rust has continued to be active on the Lahoma Station. Here at Stillwater, I also noticed some active stripe rust, but only in isolated pockets.

Here are the reactions to leaf rust on a 1-9 scale (1-3=degrees of resistance; 4-6=degrees of intermediate reaction; 7-9=degrees of susceptibility) that I noted on varieties in the variety-demo strips:

|              |                 |              |            |
|--------------|-----------------|--------------|------------|
| Jagalene – 8 | Endurance – 1   | Tam 111 – 1  | Guymon - 2 |
| Jackpot – 1  | Deliver – 1     | Tam 304 – 1  | Danby - 4  |
| Doans – 1    | OK Bullet – 2   | Tam 112 – 1  | Lakin - 6  |
| Fannin – 1   | Duster – 1      | Tam 203 - 1  |            |
| Overley – 1  | OKfield – 4     | Santa Fe - 1 |            |
| Fuller – 1   | Centerfield – 2 | Shocker - 1  |            |
| Jagger - 6   | Custer – 2      |              |            |

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