

# CEREAL RUST BULLETIN

Report No. 3

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From:  
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The winter-sown small grain crop is generally in good condition throughout the U.S. Many fields across western Texas and western Oklahoma were showing signs of stress from a lack of moisture, however, recent rains have improved conditions. In Kansas, the crop development is slightly behind normal. Planting progress in the northern spring grain growing area is slightly behind normal in most areas.

**Wheat stem rust.** During the last week in April, traces of stem rust were found in wheat plots at McGregor and Temple nurseries in central Texas. Also, during late April, stem rust was light on susceptible cultivars in southern Louisiana nurseries. This is less wheat stem rust development than is normal for this date.

**Wheat leaf rust.** Light amounts of leaf rust were found on susceptible cultivars in nurseries and fields from southeastern South Carolina to north central Texas in late April (Fig. 1). These southern areas are providing exogenous inoculum for areas farther north.

Traces of leaf rust were found in southwestern Oklahoma plots but none was found in fields in this area where rust previously has overwintered. Traces of leaf rust were found in central and eastern Kansas. This is the least amount of leaf rust overwintering observed in the past 15 years in Kansas and Oklahoma. Light amounts of leaf rust were found in the Central Valley, California in late April.

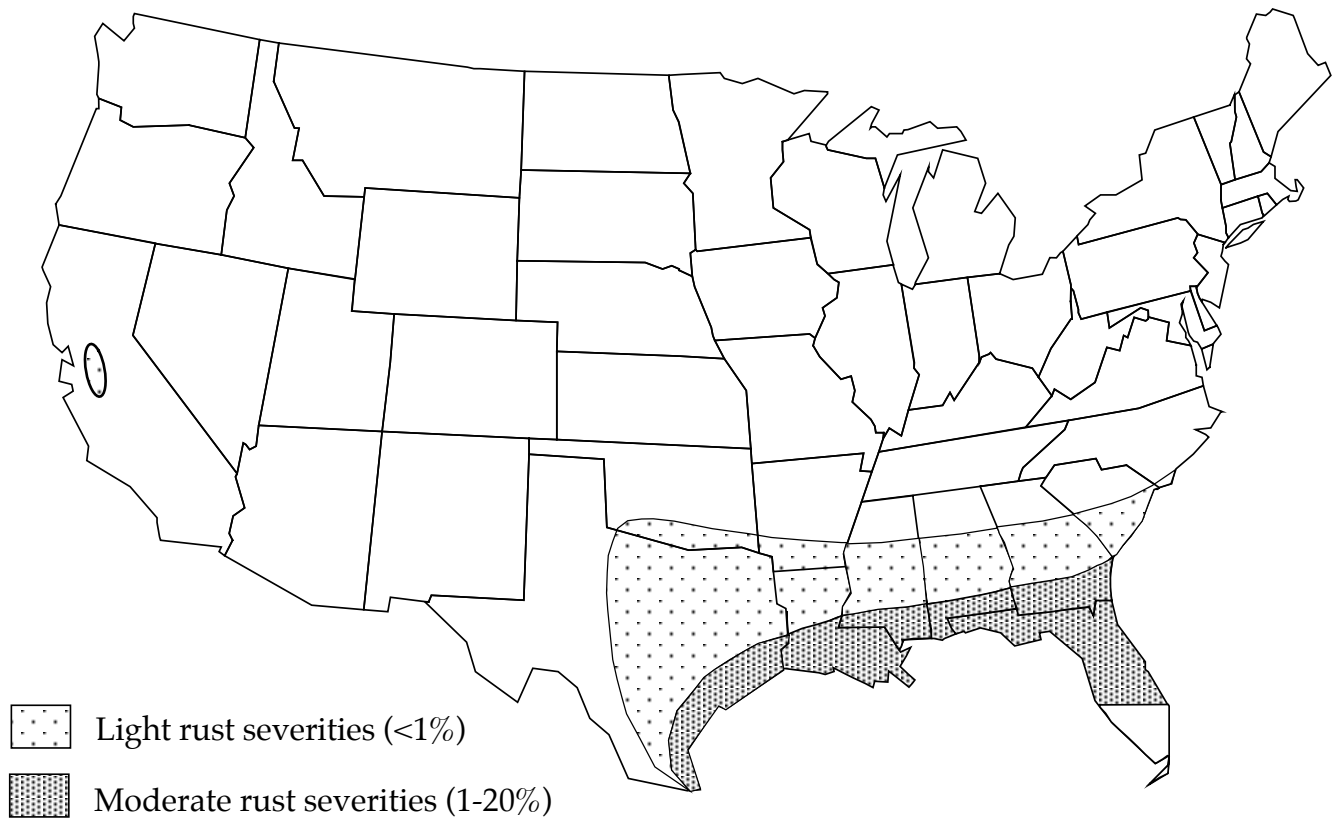
**Wheat stripe rust.** There have been no reports of wheat stripe rust being found this year in the southern Mississippi River Valley wheat growing area. During the last week in April, wheat stripe rust was found in nurseries in the Central Valley, California.

**Oat stem rust.** During the third week in April, light amounts of oat stem rust were found in the Beeville, Texas oat plots. During the last week in April, oat stem rust was severe on susceptible cultivars in southern Louisiana and southern Alabama nurseries.

**Oat crown rust.** Crown rust severities ranged from trace to 30% on susceptible oat cultivars growing in nurseries from southern Georgia to southern Louisiana during the last week in April. The warm temperatures and moisture have been conducive for rust development to continue at a fast rate. During the last week of April, light amounts of crown rust were observed in central Texas plots.

**Barley stem rust.** As of May 3, no stem rust has been reported on barley in the U.S. this year. Limited amounts of barley are grown commercially in the southern states and stem rust often is not found in this area.

Fig. 1. Leaf rust severities in wheat fields on May 3, 1994



**Barley leaf rust.** During the last week in April, barley leaf rust was severe in nurseries in the Central Valley, California.

**Barley stripe rust.** During the last week in April, barley stripe rust foci were observed in a nursery in the San Joaquin Valley, California.

**Rye rusts.** The only report of rye rust, this year, in the U.S., was in late March in plots and fields in central Texas.

**Other rusts.** During the last week in April, light amounts of stem rust were observed on fescue in southern Georgia. Also, during the last week in April, crown rust was found on ryegrass and fescue and leaf rust on little barley (Hordeum pusillum) in southern Georgia.

**SPECIAL NOTE.** On the Internet or using FTS2000? If so, we would like to send you your copy of the Cereal Rust Bulletin by way of these E-mail systems. Know of others who would like to receive the Cereal Rust Bulletin in this manner? If so, please send Internet or FTS2000 address to: markh@puccini.crl.umn.edu (Internet address) or !A03RLCERRUST (FTS2000 address). Thanks for your help in cutting our costs while improving the timeliness of the Cereal Rust Bulletin.