

CEREAL RUST BULLETIN

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From:
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(In cooperation with the Minnesota
Agricultural Experiment Station)

The winter-sown small grain crop is generally in good condition. However, most areas of the Texas Plains need moisture to boost growth of small grains. In the panhandle of Texas, the dryland crop is in poor shape. In Kansas, wheat development is ahead of normal and the majority of the crop is in good shape. In the southeastern soft red winter wheat area, the crop is in good shape and near normal maturity. Throughout the spring grain growing area, the cool temperatures and scattered precipitation have delayed field work and planting progress is behind normal.

Wheat stem rust. During the second week in April, traces of stem rust were found in wheat plots at Victoria, Texas. This is less wheat stem rust development than last year on the same date.

Wheat leaf rust. In much of Texas, during the first two weeks in April, leaf rust development was retarded because of lack of moisture. In some north central Texas fields, leaf rust overwintered and by late March severe rust was noted on the lower leaves but then the lack of moisture delayed further leaf rust development. Leaf rust was found in mid-April in light amounts in western Kansas. In this area, the freezing temperatures in early April killed leaf tissue that was infected with rust, thus delaying the local rust build up.

During early April, leaf rust prevalences were generally light throughout Louisiana but with the recent moisture rust is starting to increase. During November to January, the temperatures in Louisiana were cooler than normal, which didn't allow the rust to increase as during the winter of 1992-93. No leaf rust was found in southern Louisiana Coker 9877 plots in contrast to last year when leaf rust was severe in these plots. This may signify a change in the race population in this area. In mid-April, light amounts of leaf rust were found in east central Arkansas fields. During mid-April, leaf rust was increasing rapidly on susceptible cultivars in southwestern Georgia wheat plots.

Wheat stripe rust. During the second week in April, traces of wheat stripe rust were found in the Davis, California nurseries. During mid-April, significant amounts of stripe rust were observed in northwestern Washington wheat fields.

Oat stem rust. During mid-April, oat stem rust was light in southern Louisiana oat nurseries where the cultivars range from early milk to soft dough in maturity. Oat stem rust development is less than last year on the same date in southern Louisiana.

Oat crown rust. During mid-April, oat crown rust was increasing rapidly in Louisiana plots. The widespread crown rust development is comparable to last year in the southern U.S.

Barley stem rust. As of April 19, 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. Stem rust on barley often is not found in this area.

Barley leaf rust. There have been no more reports of barley leaf rust development since the last bulletin.

Barley stripe rust. In mid-April, light amounts of barley stripe rust were found in border rows in Uvalde, Texas plots.

Rye rusts. There have been no new reports of rye rust since the last bulletin.

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.