

*Leaf rust of wheat in Mexico.* BORLAUG, N. E., AND J. RUPERT. Leaf rust of wheat, caused by *Puccinia rubigovera tritici*, has become an increasingly important factor in wheat production in Mexico. Many varieties introduced into Mexico because of their known stem rust resistance have been found exceedingly susceptible to leaf rust under Mexican conditions. Furthermore, there is in Mexico at least one physiologic race of leaf rust not commonly found elsewhere and highly pathogenic to a wide range of varieties, including the durums. Mida and Trigo Supremo x 41-116 have been selected as the best parental material for leaf rust resistance. Newthatch and Kenya, commonly used as parents when stem rust resistance is sought, are highly susceptible to leaf rust races in Mexico.