OAT VARIETIES HIGHLY RESISTANT TO CROWN RUST AND THEIR PROBABLE AGRONOMIC VALUE

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This paper deals with pathologic and agronomic observations on Bond, Alber, and other varieties of oats highly resistant to crown rust, *Puccinia coronata avenae* (Corda) Eriks. and Henn. In addition, further results on Victoria and some closely allied strains are reported. Summarized information on source, nomenclature, and classification of these varieties and strains is presented in Table I.

BOND

Bond (C. I. No. 2733) was received from Australia in 1929 by the U. S. Dept. of Agriculture, together with several other newly developed Australian hybrid varieties. The Division of Foreign Plant Introduction record of Bond is as follows: 80217 to 80245. *Avena* spp. Poaceae. Oats. From New South Wales, Australia. Seeds presented by H. Wenholz, Director of Plant Breeding of the Department of Agriculture, Sydney. Received April 20, 1929. 80229 *Avena* sp. Bond.

The following additional information relative to the pedigree of Bond was received from Director H. Wenholz: "Bond is of the breeding *Avena sterilis* x Golden Rain ** ** ** **. The *Avena sterilis*

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