

Varietal screening of wheat varieties for yield performance against disease resistance for the farmers of district Bijnor (U.P.)

K.K. Singh

Received May 18, 2018 and Accepted August 13, 2018

ABSTRACT : A study was undertaken to evaluate the resistance of wheat varieties HD-3059, DBW-90, DBW-71, DBW-16, and PBW-373 against rust diseases and their effect on yield, during Rab-2015-16. Wheat varieties HD-3059 and DBW-90 were produced significantly higher yield of 47.75 qt/ha and 46.50 q/ha, higher resistance to stripe rust while the old varieties PBW-373 and PBW-226 produced grain yield 35.45 and 38.65 qt/ha with higher susceptibility against rust disease.

Key Words : Wheat (*Triticum aestivum*) varieties, HD-3059 and DBW-90, screening, yield performance, stripe rust disease resistance.