

Agricultural Journals

Czech Journal of GENETICS AND PLANT BREEDING

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Czech J. Genet. Plant Breed.

Bartoš P., Hanzalová A., Palicová J., Štočková L., Čejka L., Bí žová I., Laml P., Nováček T., Horčička P.:

Results of the Czech National Ring Tests of disease resistance in wheat

Czech J. Genet. Plant Breed., 48 (2012): 189-199

In this contribution actual results of the Czech national ring tests of disease resistance in wheat are presented that are performed at 3– 5 locations each year. Special attention was paid to possibilities of increasing resistance to rusts, powdery mildew, Fusarium head blight and brown leaf spot diseases. New sources of resistance to the above-mentioned Achievements and prospects of wheat breeding for resistance to these diseases, as well as to other important diseases and pests (common and dwarf bunt, eyespot and stem base diseases, barley yellow dwarf virus, orange wheat blossom midge) are discussed.

Keywords:

Czech Republic; diseases and pests; resistance genes; resistance sources; *Triticum aestivum* L.

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