

# Development and Evaluation of the Core Collection of Japanese Wheat Varieties

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## Abstract

Core collections as a tool for effective utilization of genetic resources have been developed in many major crops. With the progress of plant genomics, the core collection of Japanese wheat varieties had been also required. The authors selected 96 varieties consisting of Japanese landraces and recent breeding varieties based on their geographical and genealogical information and registered them to Genetic Resources Center, NARO (NGRC) Genebank as ‘Japanese wheat core collection’. In this article, we report evaluation data, including some genotypes important for breeding, of the core collection.

**Key Words** : wheat, core collection, genetic resource, genetic diversity, characteristic evaluation

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