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## A New Rice Cultivar with Low Amylose Content “Hanabusa”

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### Summary

Hanabusa is a new rice cultivar with low amylose content that was developed at the Hokkaido National Agricultural Experiment Station. This cultivar was selected from the cross of Dohoku 53/Kitaake and registered as Paddy Rice Norin 355 by the Ministry of Agriculture, Forestry and Fisheries in 1998.

Hanabusa is a moderate maturing cultivar, and its heading date is almost the same as that of lar to Kirara 397, a leading cultivar in Hokkaido, and 5 days earlier than that of Aya. Hanabusa has fewer panicles than that of Kirara 397, but its culm length and lodging resistance are similar to those of Kirara 397.

The average yield of Hanabusa is 3% lower than that

of Kirara 397 and 3 to 8% higher than that of Aya. Its grain quality of brown rice is slightly poor than that of Kirara 397.

Hanabusa has a higher tolerance to low-temperature injury at the booting stage and higher field resistance to rice blast than that of Kirara 397.

The average amylose content of milled rice of Hanabusa is 15%, and 5% lower than that of Kirara 397 and 2% lower than that of Aya. The cooked rice is softer and stickier than that of Kirara 397.

Hanabusa is thought to be adaptable in major rice cultivating areas of Hokkaido and is a cultivar recommended by the Hokkaido Prefectural government.

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