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小麦新品種「イワイノダイチ」の育成

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New Wheat Cultivar "Iwainodaichi"

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Summary

The new soft red wheat cultivar "Iwainodaichi" developed by Kyushu Agricultural Experiment Station, was selected from the cross, Aki 9 / Saikai 168 made in 1988 and registered as wheat Norin 145 in 2000.

Iwainodaichi is an awned, brown- glumed, red seed winter type wheat cultivar. Compared with the standard cultivar, Norin 61, Iwainodaichi is usually 10cm shorter, superior in lodging resistance, and normally matures 4 days earlier. It has slightly longer spikes and a 15% higher yield than that of Norin 61.

Iwainodaichi is resistant to sprouting, yellow mosaic and green mosaic, relatively resistant to powdery mildew, moderately resistant to leaf rust and scab. Milling properties are superior to those of Norin 61. Amylose content is moderately low, while maximum viscosity and break down of amyrogram are high. The score of noodle-making quality is higher than that of Norin 61.

Iwainodaichi is considered to adapted well to flat areas of western Japan.

Keywords: winter type wheat, early maturing, milling property, amylose content, noodle-making quality.

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