

## ‘Yukiminori’ A New Glutinous Rice Cultivar for Rice Crackers.

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### Summary

A new early maturing glutinous rice cultivar for rice crackers named ‘Yukiminori’ has been developed at the Central Region Agricultural Research Center, NARO. Which is bred from the cross between ‘Hokurikumochi175’ and ‘Ouumochi 373’. The application to Ministry of Agriculture, Forestry and Fishery for official registration was made in year 2016. The heading date of ‘Yukiminori’ is same to ‘Himenomochi’, and its ripening date is 2 days later than that of ‘Himenomochi’. ‘Yukiminori’ can be grown in southern region of Tohoku, Hokuriku, Kanto and western Japan. The culm length and panicle length are the same as those of ‘Himenomochi’. The panicle number is larger than that of ‘Himenomochi’. The yield of ‘Yukiminori’ is about 13% higher than that of

‘Himenomochi’. The 1000-grain weight is about 21g, which is slightly less than that of ‘Himenomochi’. The semi-round grain shape of ‘Yukiminori’ is same as dominant Japanese cultivars, and grain appearance of ‘Yukiminori’ is inferior than that of ‘Himenomochi’. Rice cake of ‘Yukiminori’ is quickly to become hard compare with that of ‘Himenomochi’, and ‘Yukiminori’ is suitable for rice cracker. ‘Yukiminori’ is estimated to possess the blast resistance gene Pia. The field resistances for rice blast and for panicle blast are moderately strong. The resistance to bacterial leaf blight is medium. ‘Yukiminori’ is susceptible to rice stripe disease. The lodging resistance is medium. The cold tolerance is medium. The sprouting resistance is medium.

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