

Development of the New Rice Variety Hualien No.21¹

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Abstract

A new rice variety Hualien No.21 was developed and released in 2008 by Hualien DARES. This variety was derived by a pedigree selection from cross S301, TaichungSen No.10 and Taikeng No.9 from the 2nd crop of 1998 to the 1st crop of 1999. Hualien No.21 is middle-late maturing rice. The growth duration, the height and the average yield are 129 days, 99 cm and 6,957 kg/ha for the first crop and 120 days, 97.2 cm and 5,185 kg/ha for the second crop in the regional test respectively. Hualien No.21 with wide adaptability, the resistance to the rice blast diseases and brown plant hopper, as well as excellent eating quality characteristics is suitable for either single cropping or double cropping in Taiwan.

keywords : Rice, *Oryza sativa* L., Breeding, New variety, Hualien No.21

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