

Development of the New Rice Variety Taitung 33

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Abstract

Tungkeng yu 971038 was developed by crossing Taitung 30 with Basmati 370, has been registered as Taitung 33 by the council of rice variety designation and examination on 2012. The agronomic characteristics of this cultivar are: 129 and 111 days of growth duration and 95.5 cm and 95.9 cm of the plant height for the 1st and 2nd cropping season, respectively. The panicle length is 18.8 cm for the 1st and 19.4 cm for the 2nd cropping season. The average grain yield of Taitung 33 is 6,623 kg/ha for the 1st and 4,771 kg/ha for the 2nd cropping season, 11.0% and 2.9% higher than Taikeng 9, respectively.

This variety has shown moderate resistance to rice blast and lodging, possesses erect plant type and good grain appearance. Eating quality is better than Taikeng 9, which is considered as a high quality rice variety.

Key words: Japonica Rice, Taitung 33, Rice quality

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