

The New Developed Japonica Rice Variety Tai-Keng 7

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Abstract

Tai-Keng Yuh 2370 derived from J692153/ Fukunishiki// Taichung 189 as a parental line was selected by Taitung DAIS, in the first crop of 1987 from the observation trial for strains provided by the rice breeding group. After varied grade tests, it was enrolled in regional yield trials in the whole island in 1990, at the same time, grain quality test, eating quality test, disease and pest test, and characteristic test were conducted. The results from those experiments showed that the Tai-Keng 2370 strain was adaptable to the unique environment of Taitung area, and had the advantages of stable yield, rice blast disease resistant, good grain quality, high regeneration capacity and being suitable for ratoon culture. The name TaiKeng 7 was registered by the council of rice variety designation and examination on June 9th, 1992. The new variety will be recommended and extended for producing high quality rice to the high quality rice production area such as Lu-Yeh, Kuan-Shan, Ch'ih-Shang where rice blast disease is commonly occurred.

Key words: Japonica rice, Breeding, Tai-Keng 7.

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