

Development of The New Rice Variety Taikeng 11¹

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Abstract

Taiken 11 (breeding line was originally named Taikeng yu 16369) was selected from the cross-combination between Tainan Yu 212 and Kaohsiung 141 in the first crop of 1989. After a serial of yield trials, including the regional yield trial conducted throughout the whole island, results showed that this variety has characteristics of early maturing and relatively higher yield capacity. The growth duration from transplanting to harvest is very similar to the early maturing variety Kaohsiung 142, it takes about 115 days in first crop and 96 days in second crop in Pingtung area. However, it increases about 12% of grain yield over the check variety Kaohsiung 142, almost reaches the level of high yield check variety Tainung 67. Thus, this variety was finally named in the first crop of 1994. Taikeng 11 also possesses erect plant type, resistant to rice blast, good grain appearance and eating quality. Based on these data, we recommend to grow this variety for double rice crop area, especially in northern part of Taiwan and in those area, where are going to grow short term cash crop, either in summer or in winter.

Key words: Rice, New variety.

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