

## **Development of the New Rice Variety Kaohsiung 146**

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### **Abstract**

The purpose of this study is to improve the rice quality, grain yield and other stress resistant for present high quality rice varieties. Kaohsiung 146 was selected from the cross-combination between Koshihikari and Kaohsiung Yu 1364 in the first crop of 1999. After a series of yield trials, including the regional yield trial conducted throughout the whole island, the experimental results showed that this variety has high quality and yield. Kaohsiung 146 compares with Tainkeng 11, the growth duration is similar and the rice quality is superior, but grain yield is slightly lower. This variety was named in the first crop of 2008. The new variety Kaohsiung 146 will be expected to promote the rice quality in Taiwan.

Key words: Rice, New Variety

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