

## Development of the ‘Taitung 35’ Rice

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### Abstract

Tungkeng yu 1001077 was developed by crossing Taitung 30 with Chungkeng yu 11147, has been registered as Taitung 35 by the council of rice cultivar designation and examination in 2016. The agronomic characteristics of this cultivar are: 129 and 114 days of average growth duration and 98.0 cm and 95.3 cm of the average plant height for the 1st and 2nd cropping season, respectively. The average panicle length is 19.0 cm for the 1st and 19.1 cm for the 2nd cropping season. The average grain yield of Taitung 35 is 5,368 kg/ha for the 1st and 4,629 kg/ha for the 2nd cropping season, and is similar to Taikeng 9.

This cultivar has shown moderately resistant to rice leaf blast and resistant to lodging, possesses erect plant type and good grain appearance. Eating quality is better than Taikeng 9, which is considered as a high quality rice cultivar. Taitung 35 is the first aromatic cultivar released by TTDARES(Taitung District Agricultural Research and Extension Station), it will be expected to promote the rice quality in Taiwan.

**Keywords:** Japonica rice, Rice quality, Aromatic rice.

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