

Development of Eggplant Hybrid cv. 'Kaohsiung 2'

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Abstract

Hybrid cv. 'Kaohsiung 2' was released in May of 2001 after seven years of breeding work. The commercial name is 'Purple Bride'. The new variety possessed straight long fruit with good deep purple color and eating quality. It had both high heat tolerance and hybrid vigor. High early and total yield and percentage of good fruit were also approved. The reaction to bacterial wilt was rated as moderately resistant. The storage ability of fruit was better than 'Pingtung Long'. It yielded 55.1t/ha in south and 37.9 t/ha in central of Taiwan, more than major cv. "Pingtung Long' and 'Matsu Long' by average of 18.5% and 29.8% in these areas respectively. However, The new variety was suggested to be cultivated by the farmers in central and south of Taiwan.

Key words: Eggplant, New Hybrid Variety, Heat Tolerance, Bacterial Wilt Resistance

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