

Development of New Adzuki Bean Variety 'Kaohsiung 9'

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Abstract

This report present a new adzuki bean variety Kaohsiung.9 developed by the Kaohsiung District Agricultural Improvement Station . It was released to farmers in 2006. The Kaohsiung 9 is a pure line selection derived from the cross between Kang shan tso tung Dainagon and kamui Dainagon in 1995. It was undertaken through a series of screening tests . The variety possess good characteristics as follows (1) seed is especially big, the seed shell is thin with few hard seeds. The flavor is good and it is suitable for the entire grain processing and the system stuffing. (2) the stem shows many branches with large pod number, high yield and good stability. (3) it shows slight infestation of powdery mildew and thrips infestation which can save pest control cost.(4) the plant height and high pods position are suitable for seed broadcasting, mechanized cultivation and combine harvest. It also possesses elite characters which readily accepted by farmers process and consumers after extension. Therefore, it will become the leading cultivated variety in domestic market. Due to reducing the production cost and promoting competition ability in the market, the variety could maintain its continuous development to Taiwan's adzuki bean business.

Key words: Adzuki bean, Breeding ,New variety

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