

Breeding of the new roselle varieties Taitung 1、2、3

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Abstract

Roselle is one of the agricultural products for the most important cash-income in Taitung County. It is immensely grown throughout the county, in such townships as Chin-feng, Taimali, Peinan, Luyeh, Dawu, and suburbs of Taitung City as well, covering as many as 150~300 hectares of land. Calyxes of roselle make tasty succade, jam, roselle tea and other process food. Since the calyxes abundantly contain nutritious components, it is beneficial for the health. Generally cultivated in Taitung County in the past several decades, officially regarded as a species of *Vitex*, has been developed and, therefore, varied in shape, flavor and quality from place to place. Such being the case, from 2005 the project is undertaken for the purposes of collecting regional samples of roselle, sorting out its growth tendency and types of the plant, and improving quality and quantity of the crop. Roselle Taitung 1、2、3 were registered by the council of roselle variety designation and examination on 2010. The Taitung DARES will hopefully provides the roselle farmers with techniques of selection, seed production thus encouraging the farmers to spread them to stabilize both quality and quantity in production. It is highly expected that the roselle industry in Taitung will be technically improved and developed, and that, ultimately, it will help raise all Taitung farmers' profits for years and years to come.

Key words : Roselle、Variety、Selection、Breeding.

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圖1. 洛神葵臺東1號 果實

Fig. 1. Fruit of roselle variety Taitung No.1.



圖2. 洛神葵臺東2號 果實

Fig. 2. Fruit of roselle variety Taitung No.2.



圖3. 洛神葵臺東3號 果實

Fig. 3. Fruit of roselle variety Taitung No.3.