

The Release of Kaohsiung 3 Indian Jujube Cultivar

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Abstract

The objective of this breeding program is aimed to release high quality Indian jujube varieties for extension and hence to increase the farmers' income. Open-pollinated seedling selection has been used in this program since 1996. The seedlings from open-pollinated Indian jujube hybrid seeds were planted to select superior lines with high quality and longer shelf life characteristics. The super lines selected in 1999 were then tested by line test held in 2001-2002. Selected lines including KIS-87220 were then further evaluated by the regional yield trials during 2002-2003. Base on this breeding procedure, the line of KIS-87220 with early maturing, fine flesh texture, high sugar content, longer shelf life, and no specific insect pests and diseases, has been selected, registered, and released as a new Indian jujube variety – Kaohsiung 3 (commercial name – Golden Mejao) in March, 2004 for extension purposes.

Key words: Indian jujube, cultivar, selection

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