Effects of Cultural Practices on the Yielding Date and Fruit Quality of Indian Jujube¹

I. Effects of Lighting Enhancement

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Abstract

The yield and quality of Indian jujube can be increased through cultural practices improvement. Regulation of production date of Indian jujube by lighting enhancement can increase the income of farmers. Lighting enhancement of 30 and 45 days by using flourescent light after dark could promte flowering, increase fruit setting. Also, the fruit production was ealiered when treated with lighting enhancement. Marketable fruit produced by ligh-treated plants can be as earlier as on October 24, which was about 60 days earlier than that of non-treated plants. Light-treated friuts quality such as size and sweetness was as good as that of un-treated ones. The effects of lighting enhancement of 45 days better than that of 30 days was also found in this experiment.

Keywords: Indin jujube, Lighting enhancement, Forcing culture

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