JIA Journal of Integrative Agriculture

2022 Vol. 21 No. 3

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COVER

Ponkan (*Citrus reticulata* Blanco) is one of the most widely grown citrus species in China due to its elite palatability, strong flavor and good storability. The size and quality of Ponkan fresh fruit are two crucial factors determining its marketing and consumer preference. Various approaches have been employed to improve the fruit size and quality, including manual fruit thinning. Manual fruit thinning was found to increase the proportion of fruit with larger size and elevate the total soluble solids, leading to substantially improved fruit quality. Meanwhile, the fruits from the thinned trees exhibited higher mRNA abundance of sugar transporters, auxin and gibberellin biosynthesis or signaling genes. Therefore, manual fruit thinning could greatly improve fruit quality by promoting fruit expansion due to the increased auxin levels and expediting sugar accumulation through the up-regulation of sugar transporter genes. The cover photo shows the Ponkan fruits with favorable external appearance and internal fruit quality, which was provided by Prof. Liu Jihong from Huazhong Agricultural University, China. See pages 725–735 for more details.