

Title Effect of 1-MCP on texture properties of fresh fruit in storage shelf period of *Zizyphus jujuba* 'Zhongqiusucui'

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Abstract

The effect of 1-methylcyclopropene on texture properties of fresh fruit in storage shelf period was investigated using *Zizyphus jujuba* 'Zhongqiusucui' as materials by TA-XT2i. Results showed that the effects of 1-MCP of 0.4 $\mu\text{l/L}$ on the texture properties of fresh fruit reached an extremely significant level and the effect it on hardness, frangibility, resilience and adhesiveness reached an extremely significant level.