

**Title** Delay in bud opening of jasmine flowers during storage  
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#### **Abstract**

Flower buds of jasmine flowers open during storage resulting in a short storage life. The objective of this study was to delay in bud opening of jasmine flowers during low temperature storage. Jasmine flowers at bud stage were treated with 15-60 mg/L AgNO<sub>3</sub>, 50-200 mg/L HQS and drinking water (control) before storage at 0°C (95±2% RH). The results showed that jasmine flowers treated with AgNO<sub>3</sub> and HQS delayed and decreased of bud opening during storage. Treatment of 30 mg/L AgNO<sub>3</sub> and 200 mg/L HQS reduced bud opening to 28.4 and 35.1%, respectively. Ethylene production and respiration rate of jasmine flowers treated with AgNO<sub>3</sub> and HQS were lower than that of control flowers.