

Title Influence of precooling methods and packaging materials on the quality and vase life of cut rose cv. First Red

Author J. Kumar, A. Mirza and K. Pal

Citation Book of Abstracts. International Conference on Quality Management in Supply Chains of Ornamentals. 21-24 February, 2012. Golden Tulip Sovereign Hotel, Bangkok, Thailand.

Keywords cut rose; packaging; precooling; vase life

Abstract

A study was undertaken to find out the influence of precooling methods and packaging materials on the quality and vase life of cut rose cv. First Red. Results obtained show that all treatments performed better than that of control. Among all the treatments, B_1C_1 (precooling at 4°C for 24 h with CFB sheet packaging for 16 h) records the maximum increase in quality and vase life of 12.05 days followed by 12.02 days in B_1C_2 (precooling at 4°C for 24 h with Butter paper packaging for 16 h). Whereas, in treatment B_2C_1 (spraying ice cold water over the cut flower for 45 min. with a total of 15 sprays and CFB sheet packaging for 16 h) records a vase life of 11.42 days. Control treatment B_0C_0 , shows the vase life of 8.80 days.