

# Evaluation of postharvest technology on bird-of-paradise

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## Abstract

The marketing of strelitzia is increasing due to its beauty, exotic and high postharvest longevity. It has potential to increase in world exports, therefore, this study aimed to develop technology for postharvest strelitzia, to maintain quality for export, to ensure product quality to the final consumer. The effect of the non-toxic pulsing solution and cold storage (10°C) on the longevity of stem and petal color were evaluated. The use of pulsing solution after cold storage increased longevity in some of the treatments, especially those stored for longer periods. The best pulsing solution found includes 40% sucrose and 150 ppm of citric acid. The pulsing solutions were effective in increasing longevity of the flowers, but for the concentrations tested no effect in the petal coloration was observed.