

**Title** Post-storage vase life studies in gerbera (*Gerbera jamesonii*) cvs., Cabana and Sangaria  
**Author** Singh, M.C., D.P. Singh and Balraj Singh  
**Citation** Abstracts Book, 6<sup>th</sup> International Postharvest symposium, 8-12 April 2009, Antalya, Turkey.  
256 pages.  
**Keyword** Gerbera; Gerbera cut flowers; vase life

#### **Abstract**

A study was conducted to study the locally available and low cost preservatives viz., boric acid (0, 50 & 100 ppm), sucrose (0.2 & 4 %) and  $Al_2(SO_4)_3$  (0, 50 & 75 ppm) to upkeep and maintain the vase life of gerbera cut flowers, stored for three durations viz., 24, 36 and 48 h at 4 °C. The study revealed that the gerbera cut blooms stored for 24h did their best and maintained the longest vase life (11.1 and 9.7 days, respectively) in Cabana and Sangaria in the treatment solution containing 100 ppm boric acid + 2% sucrose + 50 ppm  $Al_2(SO_4)_3$  followed by 50 ppm boric acid + 4 % sucrose + 75 ppm  $Al_2(SO_4)_3$  (5.9 and 5.3 days, respectively) in Cabana and Sangaria. However, the flowers lasted the least (4.7 and 4.2 days, respectively) in Cabana and Sangaria when the cut blooms were kept under control for 48h storage. Flowers kept in the treatment solutions having all combinations for 36h and 48h storage durations showed no significant differences among them for enhanced vase life and remained at par with each other.