

# Floralife® **RESEARCH UPDATE**

Anil Ranwala, PhD., Chief Scientist, Floralife, Inc.  
April, 2007 Volume 9, Issue 4

## **Vase Life Performance of Bulb Flowers with Flower Food**

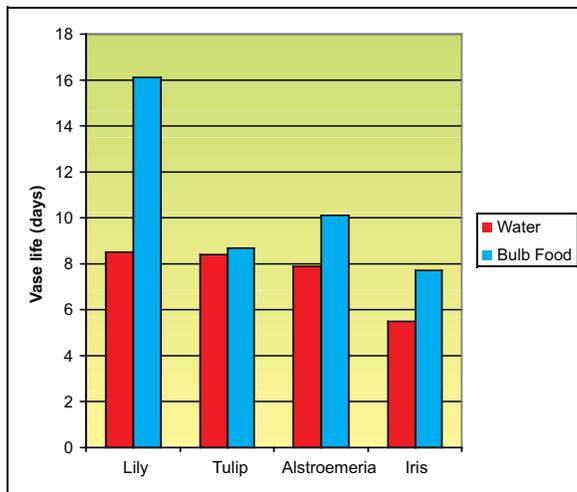
### **Background**

Bulb flowers such as lilies, tulips, irises and alstroemerias are very popular as cut flowers. Fresh cut bulb flowers need an energy source (sugar) and proper uptake of water to continue normal growth and development during the postharvest phase. Bulb flowers are also susceptible to leaf yellowing disorders caused by an imbalance of plant hormones. Flower foods that are formulated for bulb crops provide the necessary ingredients at the correct dosage to maintain the postharvest quality of these flowers.

### **Research**

A study was conducted at the Floralife® postharvest laboratory comparing the vase life of the Asiatic lily, tulip, iris and alstroemeria in plain water to properly mixed Floralife® Bulb food solution. The graph below presents the results:

### **Results**



Water



Floralife® Bulb Food

Day 8

Leaf Yellowing

### **Conclusion**

Floralife® Bulb flower food improved the postharvest performance of the bulb flowers tested in this study.

For more information or to download a copy of our "Care and Handling Manual," visit [www.floralife.com](http://www.floralife.com). Questions? e-mail: [info@floralife.com](mailto:info@floralife.com)

**Floralife®**  
*The Care and Handling Experts*

751 Thunderbolt Drive, Walterboro, SC 29488  
Ph 800.323.3689 ~ 843.538.3839  
Fax 800.471.4248  
E-mail: [info@floralife.com](mailto:info@floralife.com) ~ [www.floralife.com](http://www.floralife.com)