

Floralife® **RESEARCH UPDATE**

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Do Bulb Flowers Benefit from Fresh Flower Food?

Background

When a flower stem is cut from the plant, the availability of energy sources and nutrients to flowers becomes limited. Another effect is the alteration of the balance of hormone concentrations in flowers and leaves that is vital to proper functioning of these organs. Fresh flower food helps to maintain this energy, nutrient and hormonal balance. Bulb flowers need these benefits of fresh flower food as much as any other type of flowers. Additionally, bulb flowers are more sensitive to hormonal imbalance which may cause disorders such as premature leaf yellowing. Flower foods that are formulated for bulb crops contain necessary ingredients specifically needed by bulb crops to maintain the quality of flowers and foliage throughout the postharvest life.

Research

A study was conducted at Floralife's postharvest laboratory comparing the vase life of several bulb flowers in plain water versus properly mixed Floralife Bulb Food solution. The graph below shows the results of the study.

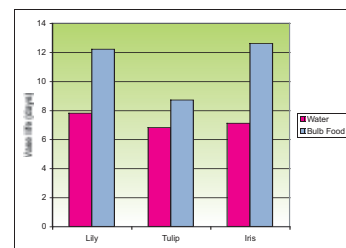
Results



Water

Floralife® Bulb Food

Laboratory Photo Results: Comparison of the Performance of Bulb Flowers in Water vs. Floralife® Bulb Food



**Graph of Results:
Vase life Comparison of
the Performance of
Bulb Flowers in
Water vs. Floralife Bulb Food**

Conclusion

Bulb flowers do benefit from fresh flower food. Always be sure to mix your flower food correctly for maximum effectiveness.

For more information or to download a copy of our "Care and Handling Manual" online, visit www.floralife.com. Questions? e-mail: info@floralife.com

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