

Floralife® **RESEARCH UPDATE**

Anil Ranwala, PhD., Chief Scientist, Floralife, Inc.
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Importance of Proper Measuring of Flower Food

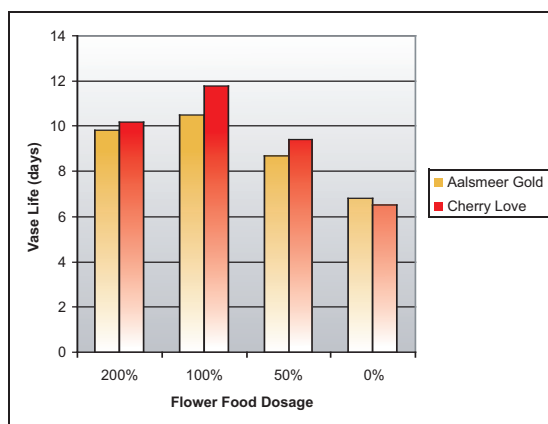
Background

Fresh cut flower foods usually come as a powder or a concentrated liquid. These products should be mixed with water to prepare vase solutions for use. Flower food formulations work best at the concentrations achieved when mixed at the recommended rate. Under-dosed flower food is usually ineffective, and over-dosing sometimes can cause damage to flowers or leaves.

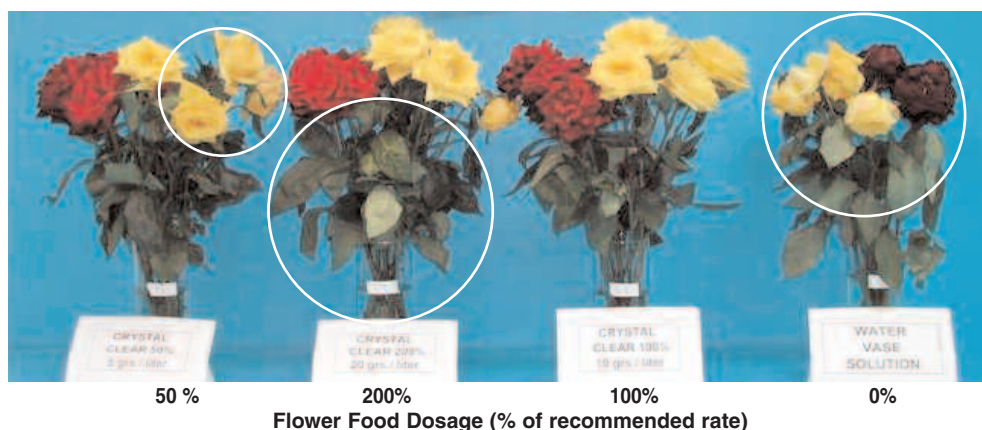
Research

Researchers at the Floralife® Laboratory have conducted an experiment to investigate the effects of flower food dosage. Floralife Crystal Clear® fresh flower food powder was mixed with water at different rates to result in vase solutions containing 0, 50, 100, and 200% of the recommended dosage. Vase life of two varieties of roses was determined with each vase solution.

Results



The photo below represents the appearance 'Aalsmeer Gold' and 'Cherry Love' roses held in the noted vase solutions. Photo was taken on day 8. Note the wilting of roses at 50% rate and yellowing of leaves at 200% rate.



Conclusion

Proper mixing is important to achieve best results with flower food. Floralife® provides pump dispensers with liquid flower food and measuring scoops with powders for accurate measuring. Also, automatic dispensing systems are available for proper dosing, which can reduce labor and time.

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

Floralife®
The Care and Handling Experts

Division of AgroFresh Inc.

751 Thunderbolt Drive, Walterboro, SC 29488
Ph 800.323.3689 ~ 843.538.3839
Fax 800.471.4248
E-mail: info@floralife.com ~ www.floralife.com