

Hydration Solutions: Fact or Fiction

Floralife® , Inc.

Research Update

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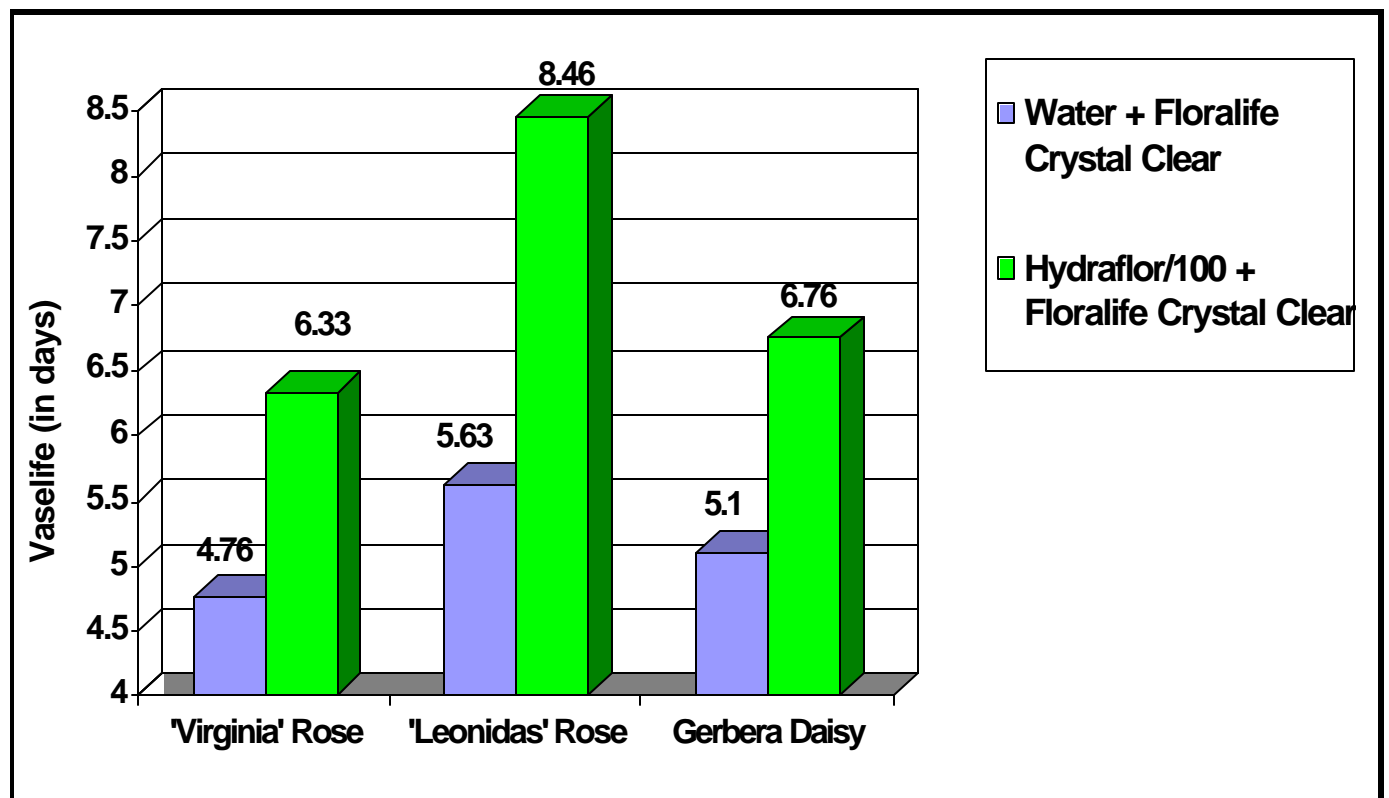


Research

Hydration solutions were designed to aid in and speed up the hydration process of fresh cut flowers. After dry shipment, flowers need to be re-cut, hydrated and placed into the appropriate fresh flower food solution. Research has shown that a low pH increases solution uptake and flowers need to take up solution so the nutrients in fresh flower foods reach the bloom of the flower.

Experiment

Three crops were tested using water and Floralife® Hydraflor/100 as the pretreatment as well as water and Floralife® Crystal Clear™ for vase solutions. Vaselife (in days) was determined by visual observations based on overall bloom life.



The graph above shows that vase life for 'Virginia' and 'Leonidas' rose was significantly increased when Floralife® Hydraflor/100 was used as a pretreatment.

Conclusion

In this experiment, the data show that using a hydration solution in addition to fresh flower food was beneficial in increasing vase life. Floralife recommends using a hydration solution to increase solution uptake and ultimately increase vase life.

For more information or to download a copy of our Care & Handling Manual online, visit www.floralife.com
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