

## Wetting Agent Trial: North Carolina Nursery, Verbena

H<sub>2</sub>Pro™ improves the sustainability of a crop when subjected to an elimination of irrigation water.

### Trial Set-Up

**Objective:** A trial was set up to evaluate the effect of H<sub>2</sub>Pro™ Nursery and Greenhouse vs. the grower's current practice (no treatments) on a selection of verbena, prior to being sold. The purpose was to simulate a retail setting in which plants may suffer from a lack of irrigation. The goal was to demonstrate that H<sub>2</sub>Pro would increase the shelf life of a plant in the store, thus improving sell through and customer satisfaction.

Day 3



H<sub>2</sub>Pro™



Untreated

Day 5



H<sub>2</sub>Pro™



Untreated

Day 8



H<sub>2</sub>Pro™



Untreated

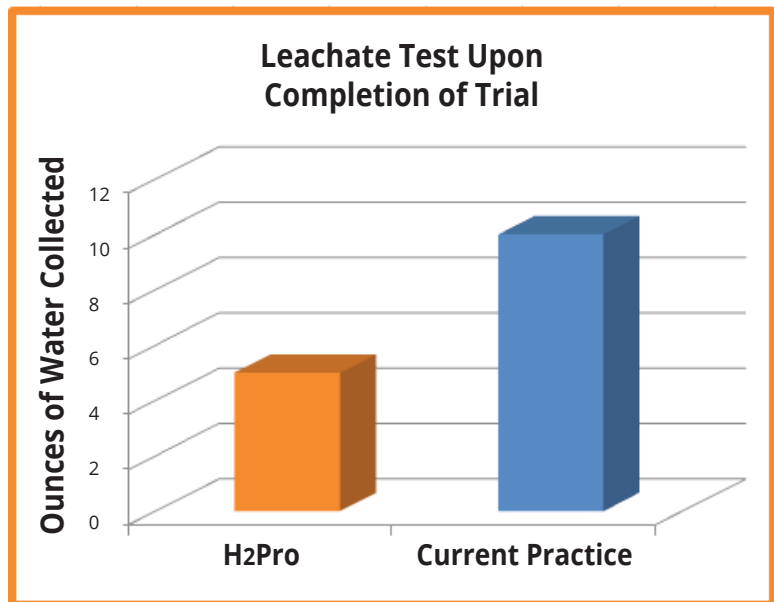
## General Trial Information

- **Crop:** Verbena 'Homestead Purple'.
- **Location:** Commercial Nursery in North Carolina.
- **Products:** H<sub>2</sub>Pro™ Nursery and Greenhouse vs. current practice of no treatment.
- **Rates:** One application of H<sub>2</sub>Pro, 12 oz. per 100 gallons.
- **Timing:** 6/20/2016 initial application of H<sub>2</sub>Pro; plants evaluated 3 days, 5 days and 8 days after initial treatment.
- **Assessments:** Overall appearance of the plants in the trial and leachate collected from the plants at the conclusion of the trial.

## Results

Plants treated with H<sub>2</sub>Pro maintained their saleability whereas those not treated were non-saleable.

**Leachate Test** - 16 oz. of water were added to both treated and untreated plants.



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