

## ReTain® Plant Growth Regulator Enhances Cherry Fruit Set

ReTain® Plant Growth Regulator Soluble Powder extends flower viability in cherries. This increases the opportunity for fruit to set. For best results, use *ReTain* at early bloom in advance of poor pollinating conditions (cool, wet weather, desiccating winds and/or low bee activity) or on varieties with low natural fruit set.

- ▶ Extends flower viability by reducing early senescence
- ▶ Increases potential for fruit set under low bee activity
- ▶ Effective on low set varieties such as Chelan, Regina and more



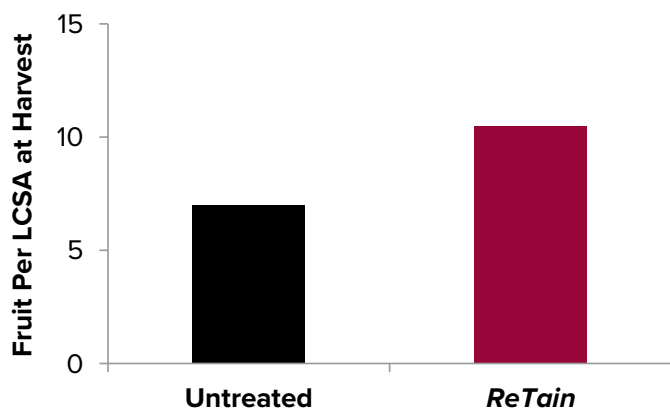
Untreated



ReTain Treated

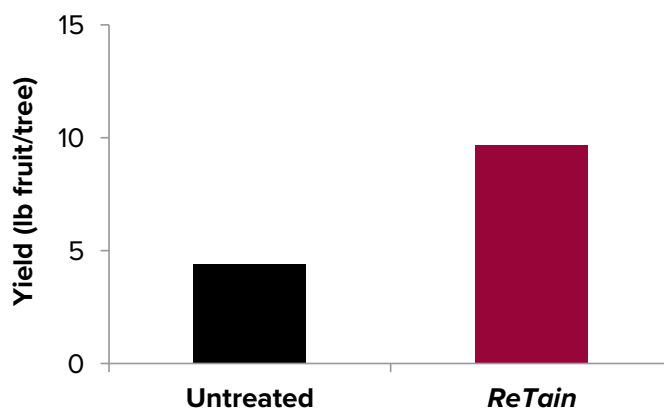
## ReTain Increases Yield on Bing and Regina Cherries

Bing Cherries—Wenatchee, WA



Source: Valent

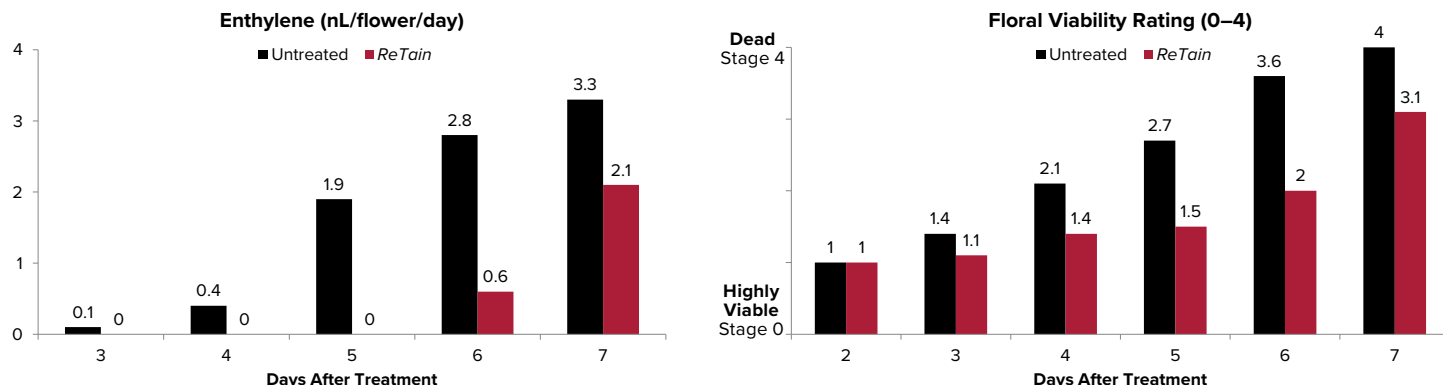
Regina Cherries—Casnova, MI



Source: Michigan State University

Field trials conducted in Washington and Michigan demonstrated that *ReTain* at 1 pouch/A in 100 gallons of water per acre significantly increased fruit set and resulting yield on both Bing and Regina cherries.

## Improve Flower Longevity in Regina Sweet Cherries with *ReTain*



Data shows that *ReTain* improves fruit set by reducing ethylene evolution in cherry flowers and delaying flower and stigmatic senescence. Due to this effect cherry flowers have a better chance for pollination and fertilization.

Source: Racsko, J. and Miller, D.D., The Ohio State University

## How To Use

<b>Rate</b>	1–2 pouches/A. May be applied as a single application of up to 2 pouches, or as sequential applications of 1 pouch per application.
<b>Timing</b>	Apply at early bloom: Popcorn stage to first bloom
<b>Method</b>	Apply by ground with orchard sprayer
<b>Spray Volume</b>	100 gal/A (usually sufficient)
<b>Adjuvant</b>	Not recommended. Some adjuvants may decrease fruit set.

## Other Important Information

- ▶ Do not apply after petal fall
- ▶ Re-entry interval: 12 hours
- ▶ Do not apply *ReTain* if rain is expected within 8 hours after application



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