

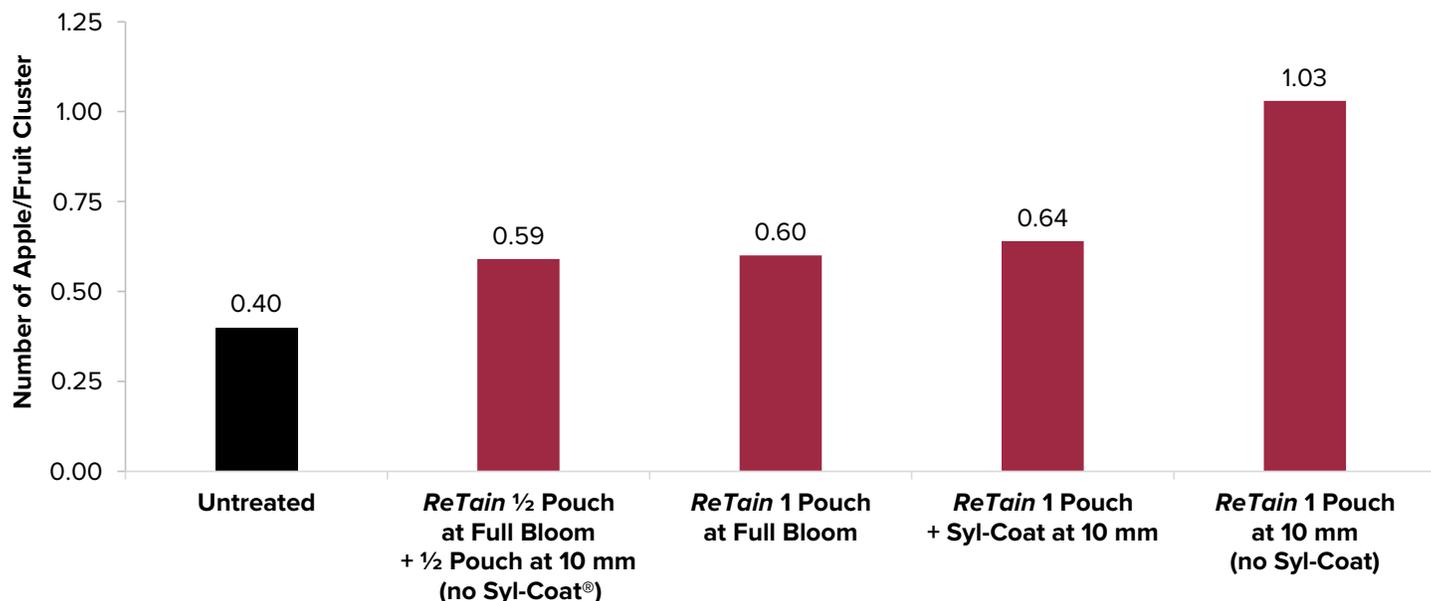
ReTain[®] Plant Growth Regulator Enhances Apple Fruit Set and Reduces Early-Season Fruit Drop

ReTain[®] Plant Growth Regulator Soluble Powder extends flower viability in apples. 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.

ReTain also reduces early-season fruit drop by reducing fruitlet abscission when applied post-bloom. Be sure to check out local Section 2(ee) supplemental labels in select apple-growing states by visiting the [ReTain webpage](#).

- ▶ Extends flower viability by reducing ethylene production, thus early senescence
- ▶ Increases potential for fruit set under low bee activity
- ▶ Effective on low set varieties such as Cosmic Crisp, EverCrisp and SweetTango
- ▶ When applied post-bloom, *ReTain* reduces fruitlet abscission

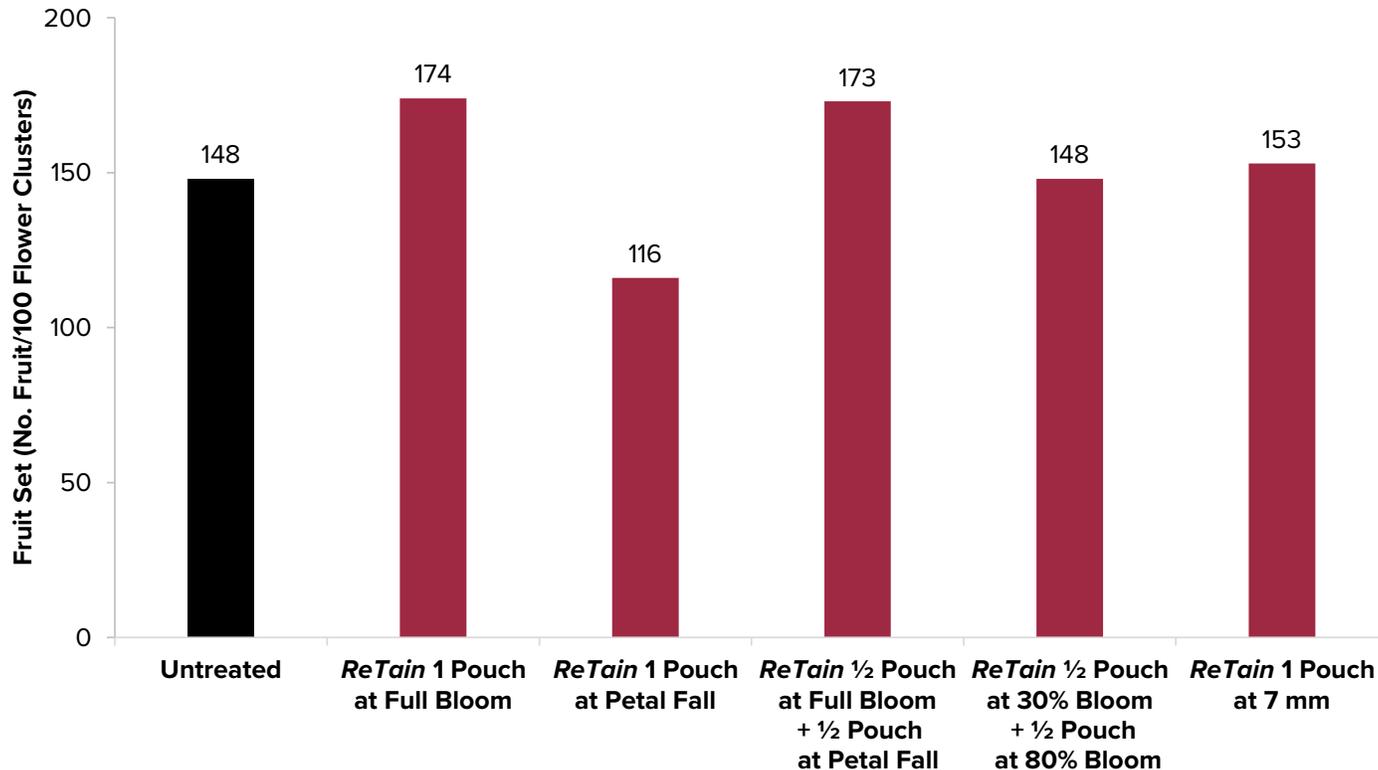
ReTain Boosts Cosmic Crisp Fruit Set and Lessens Early-Season Fruit Drop



This study demonstrates how to enhance fruit set with *ReTain* when used at bloom and how *ReTain* can help reduce early-season fruitlet drop when used at 10 mm to ensure your crop load management goals. Organosilicone surfactant did not increase *ReTain* efficacy for early-season fruitlet drop control.

Crop: Cosmic Crisp Apples; Location: Washington
Source: Cascade Consulting and Research, LLC

Improve Fruit Set and Decrease Early-Season Fruit Drop with *ReTain*



This study also demonstrates the benefits of using *ReTain* at bloom and at 7 mm sized king fruit for a lower set variety like Sweetango. These various use strategies can help a grower determine the best use pattern for their specific crop load management needs.

Crop: Sweetango/Minneiska Apples; Location: New York
Source: Cornell University

How To Use

Rate	1 pouch/A
Application Timing	<ul style="list-style-type: none"> Apply as a single application from pink stage to full bloom Apply when average diameter of king bloom fruitlets reaches 10 mm (check local Section 2(ee) supplemental labels in select apple-growing states)
Method	Calibrated spray equipment (i.e. air blast sprayer) and adjust water volumes based on tree size and spacing
Spray Volume	100 gallons/A
Surfactant	Not needed for early-season applications for sufficient efficacy
PHI / REI	7 days / 12 hours



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Always read and follow label instructions.

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