

Use Recommendations for **APPLES**

CONTROL RIPENING TO MAXIMIZE QUALITY AND YIELD

The Challenge

Giving fruit time to develop its best color and size – without risking yield to fruit drop, weather losses and variable labor availability – makes harvest time the most critical part of your entire season.

The Result

Harvista helps maximize your crop's value:

- ✓ Increased firmness
- ✓ Larger fruit size
- ✓ Greater revenue potential
- ✓ Improved color
- ✓ Increased crop yield

The Advantage

Harvista™ 1.3 SC manages ethylene when and where it matters most, so you can:

- Keep fruit on the tree longer, minimizing fruit drop
- Slow starch conversion & acid loss
- Minimize watercore
- Better manage harvest labor



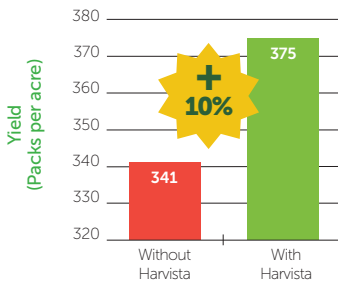
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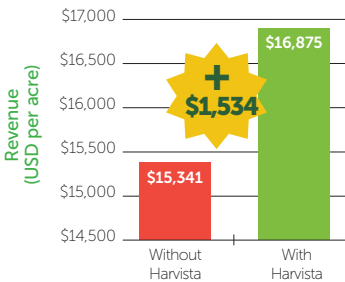
PREPARE FOR BETTER RESULTS

By controlling the ripening process, Harvista™ gives fruit more time on the tree to improve in size and color. Just follow the proper Harvista use recommendations to achieve improved firmness with better color from harvest to packing.

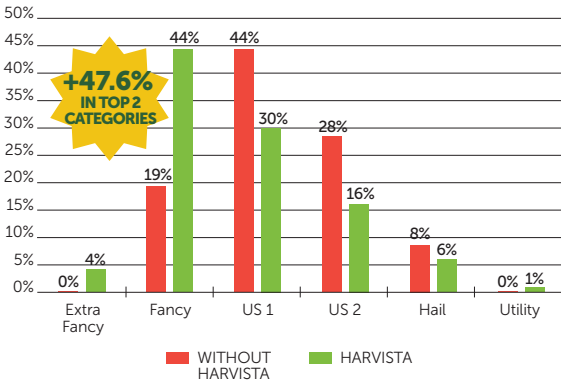
GREATER YIELD POTENTIAL



INCREASED REVENUE PER ACRE



POTENTIAL YIELD BY GRADE



	OPTIMAL MATURITY Starch, firmness, background color	OPTIMAL YIELD Fruit size, optimization of pickings	REDUCTION IN FRUIT DROP	ADDITIONAL BENEFITS
GALA	+++	+++	++	Less cracking and internal browning
GOLDEN DELICIOUS	+++	++	++	Less bruising
CRIPPS PINK / ROSY GLOW	+++	+++	+++	Less bruising, greasiness and <i>Gloeosporium</i>
RED DELICIOUS / JAZZ	+	++	+++	Less cracking
FUJI	+	++	+	Delay of watercore
ELSTAR	+++	++	+	
JONAGOLD / SAMPION	+++	++	++	Less greasiness

Test for best application timing

Starch-iodine testing provides the best method of verifying appropriate application timing.

Suggestions for conducting starch-iodine tests in the field:

- Begin testing approximately two weeks before expected application and repeat every 4 to 7 days.
- Collect 10 representative apples that appear equally mature from 5 or more trees, selecting from different sides of the tree and avoiding sun-impacted apples.
- Cut apples across the mid-section at a depth that intersects seed cell cavities.
- In a well ventilated area, apply iodine solution evenly to one half of each apple by spray bottle or by dipping in the solution.
- After the starch pattern is discernible, score apples according to the reference chart and calculate an average reading.
- Dispose of treated apples properly to avoid contamination or accidental consumption.

Starch test results are inherently variable among similar orchards, resulting from differences in maturity, as well as grower cultural practices and seasonal growing conditions. As a result, some judgment is required in interpreting test results.



WESTERN USA APPLE VARIETIES	OPTIMUM AVERAGE STARCH INDEX (at application*)
Gala	1.2 - 2.0+
Red Delicious	1.2 - 2.0+
Golden Delicious	1.2 - 3.5
Honeycrisp	1.2 - 3.5
Fuji	1.5 - 3.5
Granny Smith	1.2 - 3.5

*Starch Index scale of 1 to 6 (West Region)

Important considerations:

- The effects of Harvista™ may not become apparent until several days following application.
- Harvista has a 3-day pre-harvest interval (PHI).
- Observe the 4-hour orchard re-entry interval following application. See label for early-entry PPE requirements.
- Severely stressed orchard conditions may reduce the benefits of Harvista. Please contact an AgroFresh representative for more information.
- Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions on the product label.



HOW TO INSTALL THE HARVISTA™ KIT:

Watch this video and request the Harvista Kit Installation Manual before installing onto existing equipment.



SCAN THE CODE
TO VIEW VIDEO

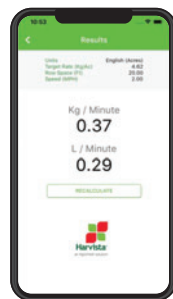


HOW TO CALIBRATE THE SYSTEM:

Watch this video and request the Harvista Kit Calibration Training Guide. Then, download the free Harvista Calibration app from the Apple App Store or Google Play.



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