

AgroFresh

We Grow Confidence™



Taking Freshness Further.

AgroFresh is a global leader in AgTech innovations that help prevent food loss and waste and conserve the planet's resources. Our science-based solutions, data-driven digital technologies and high-touch customer services support growers, packers and retailers by helping enhance quality and extend shelf life for fresh produce.

Global Presence with Global Capabilities

Commercial, R&D, Regulatory and Technical Service experts share know-how and data across regions to solve customer challenges and break new ground in markets and applications.



NEAR-HARVEST SOLUTIONS



Keep fruit on the tree. Put time on your side.

Harvista™ 1.3 SC is applied using an orchard sprayer system from 21 days up to 3 days before anticipated harvest, depending upon the maturity of the fruit and your goals. The advantages are clear:

- Control how and when fruit ripens to help achieve better fruit quality and higher yields
- Provide better control of ethylene response with Harvista's unique mode of action
- Expand the harvest window to keep fruit on the tree for optimal colour, size and firmness
- Gain more flexibility in labour management and prioritisation of blocks



Up to 85% peak colouration. Up to 75% increase in return*

Pink Lady: > 65% less drop*
Jazz SciFresh: > 20% less drop*



Up to 10-14 extra days on the tree across varieties, for optimal colour, size and firmness*



Provide better control of ethylene response with Harvista's unique mode of action



Superior post-harvest synergies with FreshCloud™ and SmartFresh™



Allows more flexible labour management and prioritisation of blocks

*compared with untreated fruit; source: AGFS R&D

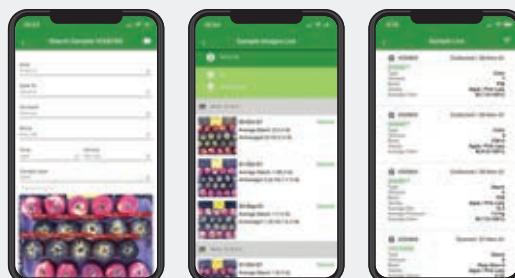
APPLICATION? WE'RE FLEXIBLE.

With an experienced understanding of the variables that can impact outcomes, our technical team helps determine application timing for optimal results: **fruit variety, climate, crop load** and **storage plan**.



UNCOMPLICATE YOUR HARVEST WITH ACTIONABLE INSIGHTS: FRESHCLOUD™ HARVEST.

Add FreshCloud™ Harvest, our advanced, easy-to-use, data-driven, digital service that records all aspects of fruit maturity including starch progression and scoring in real time, to guide your Harvista applications and harvest management.



LEARN MORE



Stronger. Together.

ENABLE SUPERIOR
POST-HARVEST RESULTS
IN SYNERGY WITH
SMARTFRESH™



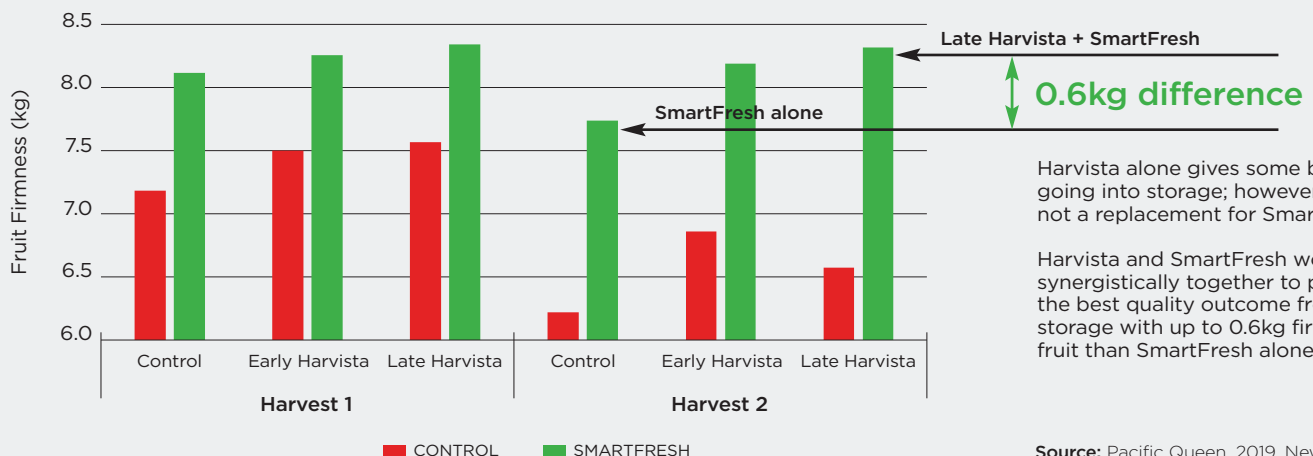
AFTER HARVEST, ADD SMARTFRESH™ — THE GAME-CHANGING TREATMENT THAT PRESERVES QUALITY DURING STORAGE AND TRANSPORT

- Puts the ripening process “on hold” to **protect just-picked freshness** and quality
- **Reduces weight loss and disorders** to achieve a bigger packout
- **Extends the storage window** to improve inventory flexibility
- Opens up opportunities in new, **more distant markets**
- Supported by decades of **ethylene-management expertise** to **maintain quality throughout the supply chain**



Synergy between Harvista™ and SmartFresh™ for optimal fruit quality

20 Weeks of Storage (plus shelf life)



Harvista alone gives some benefit going into storage; however, it is not a replacement for SmartFresh

Harvista and SmartFresh work synergistically together to provide the best quality outcome from storage with up to 0.6kg firmer fruit than SmartFresh alone

Source: Pacific Queen, 2019, New Zealand

HARVISTA™ 1.3 SC IS A VERY WORTHWHILE INVESTMENT FOR ROSY GLOW (PINK LADY®)

CASE STUDY: Mason Orchard, Adelaide Hills, South Australia

For the Mason Orchard (AG & HC Mason) in the Forest Range region of the Adelaide Hills, AgroFresh's Harvista™ technology does everything that is expected of it throughout harvest, storage and packout on varieties such as Gala, Jazz, Bravo and Rosy Glow – the high-coloured sport (subvariety) of Pink Lady.

Noel Mason operates the orchard with his father, Ashley, and cousins, Graham and Stephen. Last month (April) they harvested their Pink Lady (Rosy Glow) with the benefits of Harvista for the third season running.



Noel explains that one of the biggest benefits is the way Harvista holds maturity of the fruit on the tree to allow high colour development.

“In terms of harvest management, maturity is the key focus, and before we had Harvista we were reluctant to use other harvest management tools because of the problems with the washout of colour. We have no problems now, because the way this technology works we achieve strong colour advantages.

“Our orchard is in an area with heavy rainfall, and Harvista has been excellent in maintaining the maturity while working around weather events as required. We know that the wide application window for Harvista application brings unique results when applying at the different maturity stages, and we have found that the later application timing of applying Harvista three to seven days before harvest has suited our particular situation best.

“It is our experience the fruit even stays in good condition without getting too ripe through the second pick, which is 10 days after the first.

Noel says that as a small grower with 2,000 bins of Pink Lady, they have only a limited number of staff to get the fruit picked without it getting too ripe. “Harvista allows us to do that.”

“WE ALSO SEE THE FRUIT COMING OUT OF STORAGE IN BETTER CONDITION, WITH FEWER YELLOW FRUIT.”

—Noel Mason

“The other positive we have noticed with Harvista is that we get less bruising on the second pick, which is down to the firmness of the fruit.

“This season has been a kind growing one. The Pink Lady crop is looking like a quality one. Harvesting started about April 20, and we applied Harvista a bit before that. With the harvest management benefits, good colour development and less bruising, this AgroFresh technology is a very worthwhile investment.”

DECADES OF EXPERTISE IN ETHYLENE MANAGEMENT TO HELP GUIDE YOUR QUALITY THROUGHOUT THE SUPPLY CHAIN

CASE STUDY: Vailima Orchard, New Zealand

“Very effective and simple to use”—Vailima Orchard's Tristram Hoddy, reporting there's nothing complicated about their successful use of **Harvista™**.

“Given our range of varieties, Harvista allows us to spread the harvest and delay maturity so that we even up maturity and improve colour. In practice, we are picking more fruit in the first pick, a benefit in terms of returns. And with the fruit on the tree longer, we also get the ‘side gain’ of increased product size and yield.”

Along with Harvista, Vailima uses **SmartFresh™** technology for maintaining post-harvest fruit quality in storage and all the way to consumers.



POST-HARVEST SOLUTIONS



The freshness journey continues.

Maintaining fresh-picked appearance, juiciness and flavor—it's an essential stage in the freshness journey. And the **SmartFresh™ Quality System** is ready to help.

The active ingredient in SmartFresh, 1-Methylcyclopropene (1-MCP) interacts with ethylene-sensitive sites in the fruit to manage its response to internal and external ethylene. Ripening occurs more slowly and fruit quality lasts longer.



PROTECT PRODUCE DURING SUPPLY CHAIN DISRUPTIONS.

SmartFresh™ InBox extends freshness and provides protection for packed fresh produce during transport.

It's easy to use. Just place the sachets in a produce box, whether it's stalled at the warehouse or port, or on its way in shipment. Produce can move immediately because there's no need to wait. You'll protect fruit quality and help reduce food waste.



Flexibility and Convenience:

Simply place sachets into liner during packing



Consistent Quality:

Maintain color and firmness



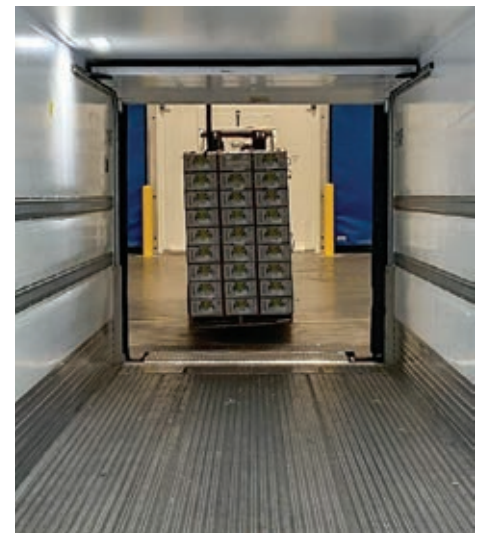
Real Cost Efficiency:

Reducing food waste can help increase profits



Safety and Sustainability:

Safe to use and easy to dispose



AgroFresh is your Total Solution.

A DIVERSE PORTFOLIO OF SOLUTIONS, DIGITAL TECHNOLOGY AND SERVICES ACROSS THE SUPPLY CHAIN.



NEAR-HARVEST SOLUTIONS

- Ethylene management enabling longer ripening time for improved quality and color, and better labor and harvest management



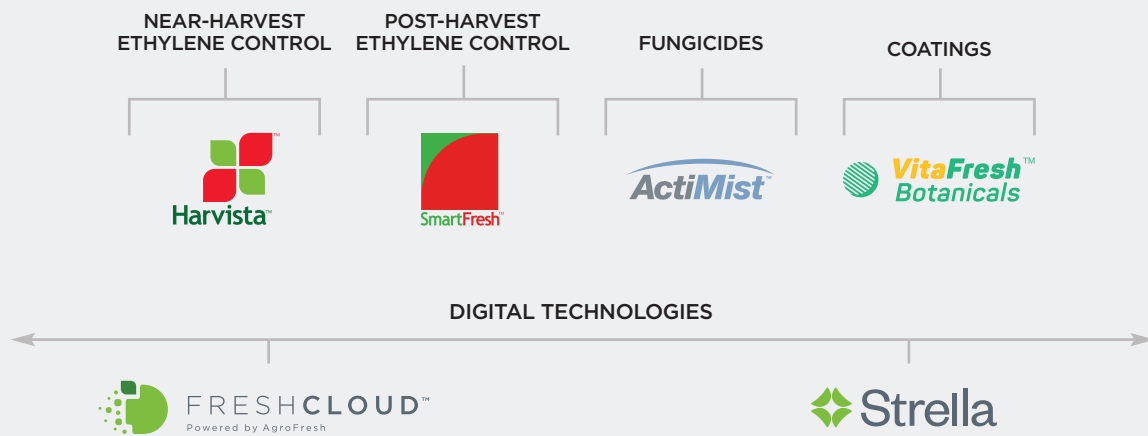
POST-HARVEST STORAGE / PACKING / PROCESSING

- Ethylene management to maintain freshness, firmness and quality during storage, transport and ripening
- Antimicrobials helping prevent fungal decay, plus disinfectants protecting food safety and equipment cleanliness



TRANSIT / RETAIL

- Plant-based coatings to prevent dehydration and extend shelf life
- Solutions to maintain freshness in produce and flowers during transport



- Integrated digital platform providing end-to-end visibility into real-time fruit quality inspection data, reporting and insights

- Optimize room opening with real-time data

AgroFresh

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AgroFresh.com

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