

# Smart Apply<sup>®</sup>

Intelligent Spray Control System<sup>™</sup>

What if you could significantly reduce chemical use + costs, water consumption, + chemical drift in your orchard without sacrificing yield?

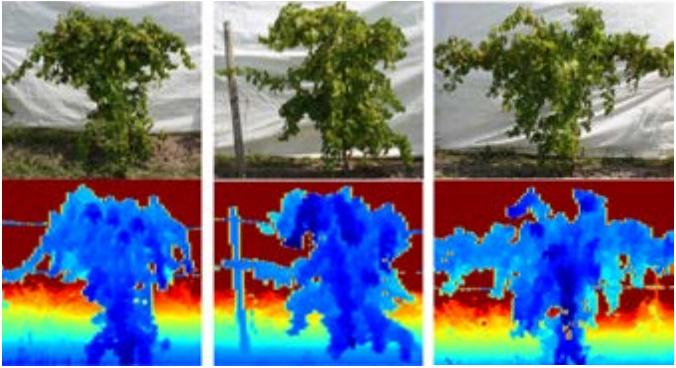


Now you can with Smart Apply's precision spray control kit that turns virtually any air blast sprayer into the most valuable tool in your operation.



The Smart Apply<sup>®</sup> Intelligent Spray Control System<sup>™</sup> is designed for growers of high-value crops seeking to elevate their spraying while decreasing costs, water use and environmental impact.

# How Smart Apply® Works



LiDAR mapping of individual trees. Blue areas identify spray target and volume based on foliage density.



Traditional spraying is all about volume. The Smart Apply system applies chemicals where most needed. The system uses LiDAR, a pulsed laser, to determine distance to and size and density of the tree to be sprayed. Smart Apply automatically delivers the right amount of spray to each tree. It also adjusts spray to the speed of the tractor. Expect an average reduction in chemical use of **50%** but as high as **90%** in younger, less dense trees. Smart Apply captures and uploads to the Cloud the date and time of spraying, size and maturity of the trees sprayed, and amount of chemicals used— invaluable data for growers.

## Your Smart Apply System Kit Includes:

- LiDAR (laser)
- Air filtration for the LiDAR lens
- Spray nozzle controllers + solenoids
- GPS for speed + coverage map
- Android tablet + software
- Mounting brackets
- Plumbing for solenoids
- High pressure screens, filters + pressure regulator if required
- Customer support

**Find An Authorized Smart Apply Dealer Near You**



**Smart Apply®**  
Intelligent Spray Control System™

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