

# Smart Apply<sup>®</sup>

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

Precision Ag Technology that Drives  
Efficiency, Profitability + Sustainability



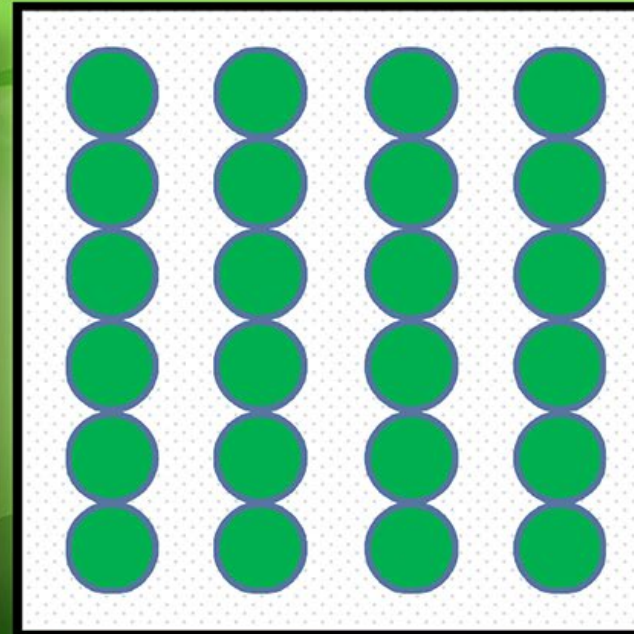
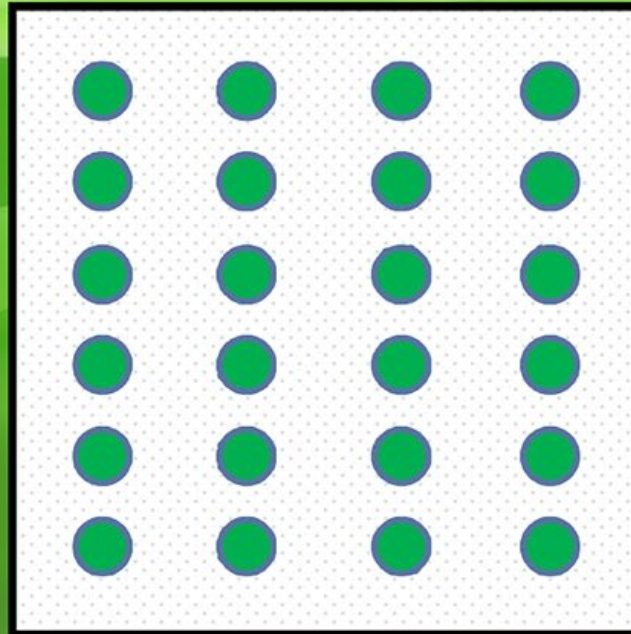
# Spray Rate

1 Acre

1 Acre

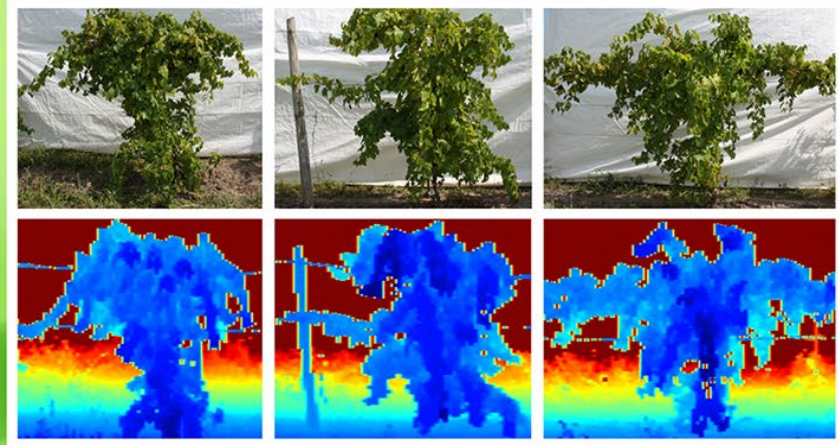
0.1 oz/ft<sup>3</sup>

110 ml/m<sup>3</sup>

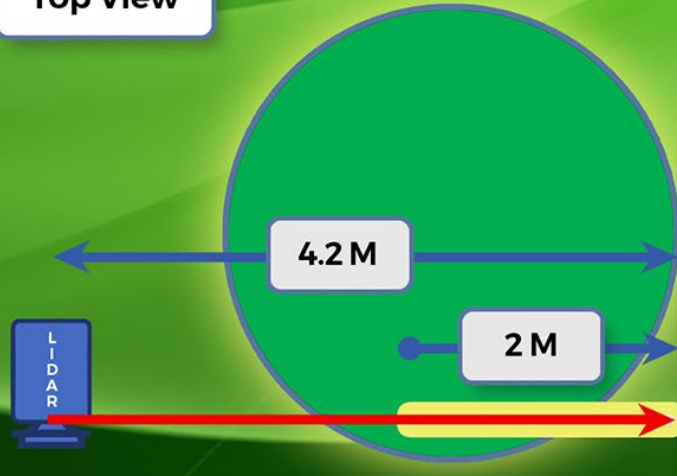




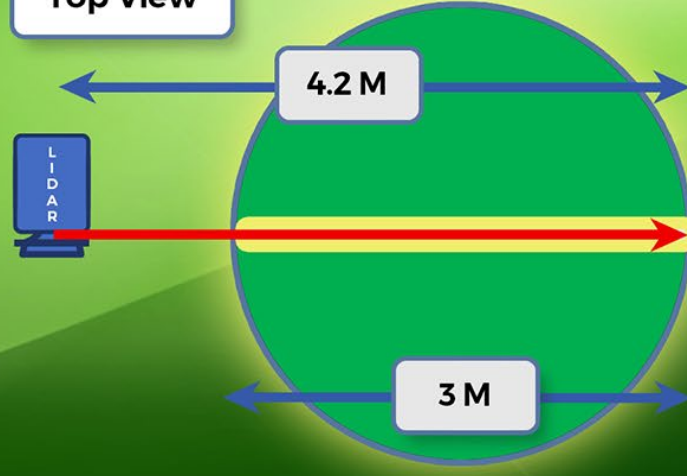
Volume is calculated for each LIDAR point,  
27,000 per second



Top View



Top View







**Variable rate  
spray volumes  
are dispersed  
among each  
individual nozzle.**



**The value of PWM  
(Pulse Width Modulation)  
has the ability to retain  
spray droplet size and  
deposition at variable  
application rates.**





**Crop reporting**

**Crop data**

- NUM: 114
- AVG: 14.93 in
- AVG: 13.26 in
- AVG: 0.15 gal

**Crop reporting settings**

- MIN: 36 in
- MIN: 36 in
- Crop spacing: 180 in
- Row spacing: 0 in
- Crop detection: Crop spacing
- Crop position: Auto

**Job Boundary Detail**

Map Satellite

**Job Details**

- Status: Completed
- Job Number: 72WVZJY
- Hectares: 4.4251
- Mix
- Start Date
- End Date

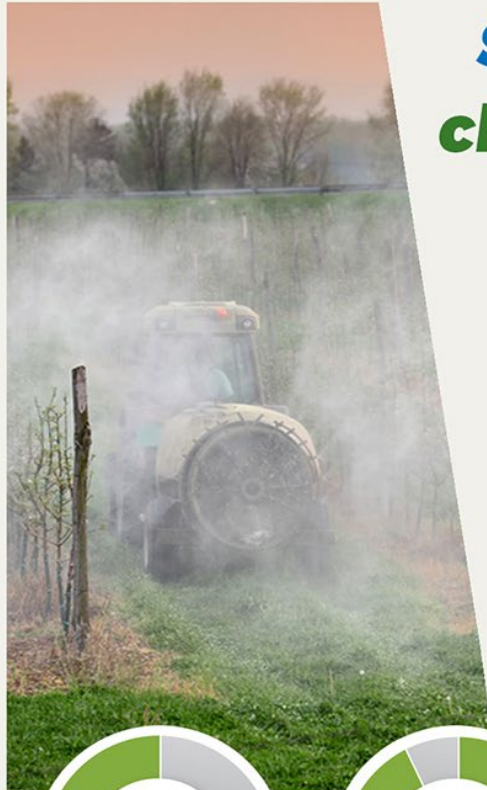
**Boundary Details**

(Site: Tuttle's Orchard) East1

- Hectares: 2.1277
- Rate (in/acre): 35.5395
- L/Hectare: 75.6173
- Operator: Ajit Rathala

Speed (mph) legend: 0.00, 3.00, 5.67, 8.34, 11.00, 13.68

# Smart Apply™ helps solve the challenges our customers face.



Cost of Chemicals



Wasteful Spray



Water Intensive



Airborne Drift and Runoff



Frequent Tank Refills



Tracking Chemical Usage



Average 50%  
Chemical Reduction



Up to 92%  
Less Run Off



Up to 87%  
Less Drift



50% Reduction in  
Tank Reload Time





# QUESTIONS?



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