





# Outline ...



**Grower Surveys** 

**Simulations** 





Volume Calculation

Key Design Variables





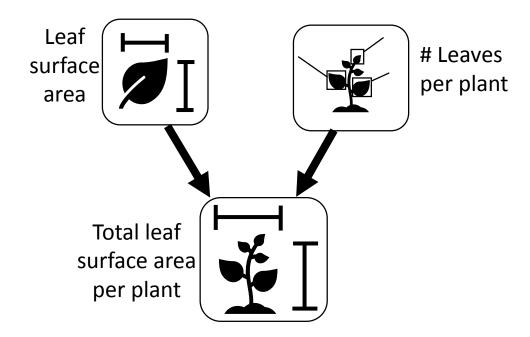
Test Rig

**Spray Card Evaluations** 



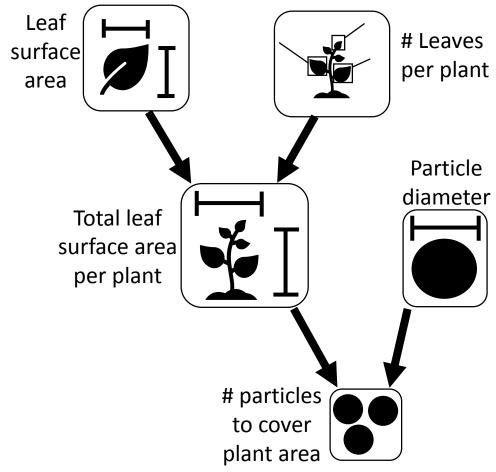






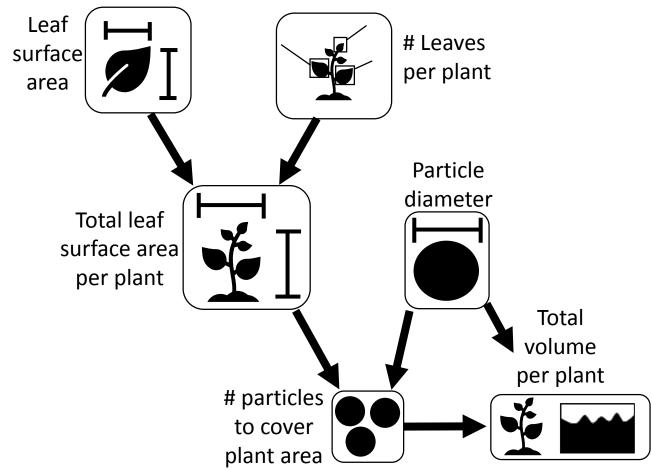






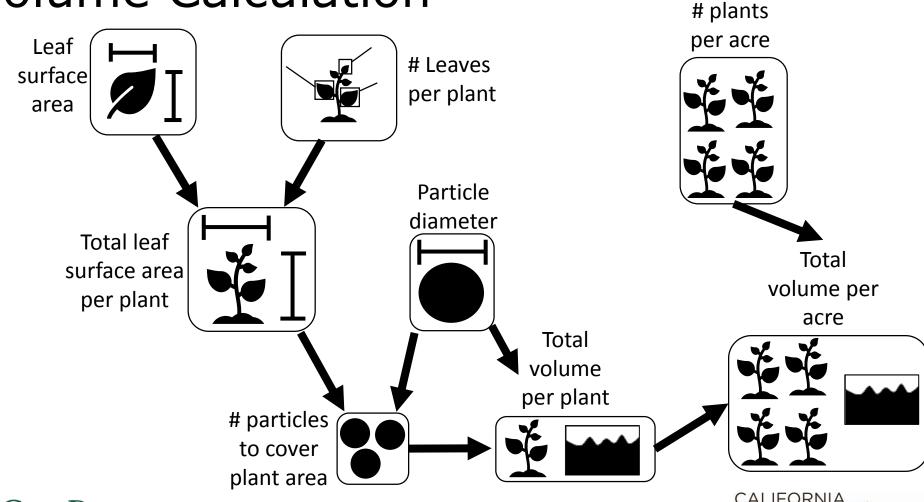










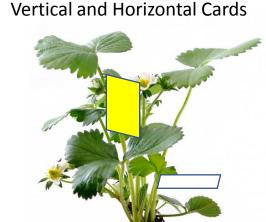


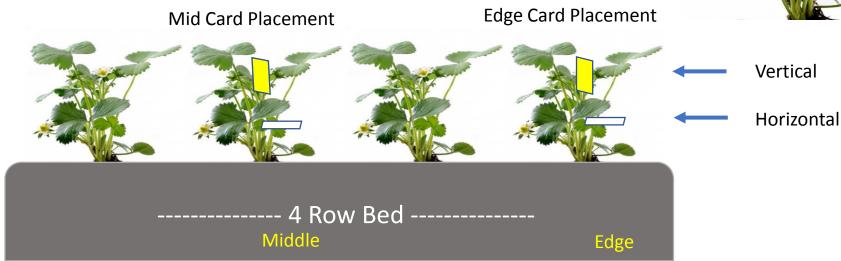




## Spray Card Trials

- Cards determine canopy coverage
- Water sensitive cards
- Sensitive side placed away from approaching boom, challenging the sprayer









#### **Grower Standard Sprayer (8/30/2018)**

Middle Edge Middle Edge Middle Edge Middle Edge Vertical Horizontal 27 Vertical Horizontal 31 Vertical Horizontal

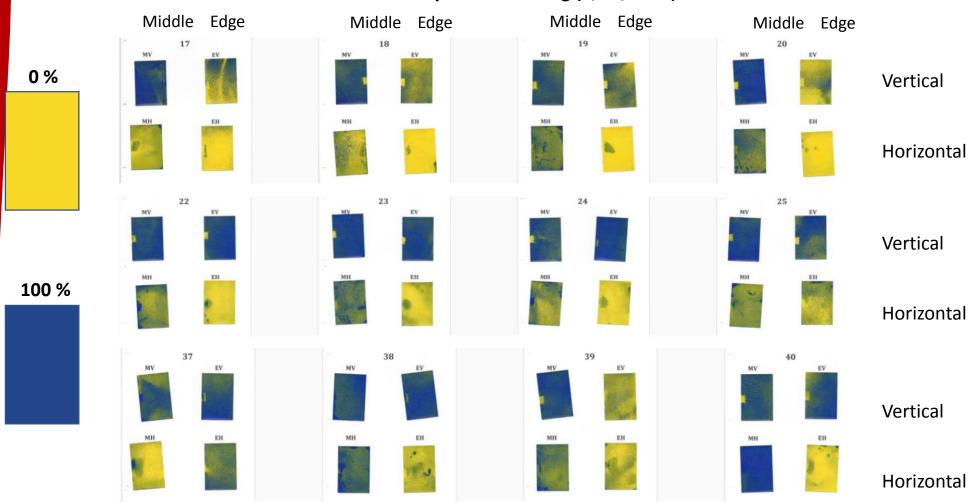


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100 %



#### **Strawberry Center Test Rig (8/30/2018)**







# Spray Rig – Field Trials

	8/30/18	3/18/19	3/18/19
Grower Standard	51 %	60 %	45 %
CP Strawberry Center	80 %	78 %	75 %





# We'll Evaluate Your Rig!

- Experienced Education Team
- Ensure Rig is Calibrated Prior to Evaluation
- Record Weather
- Recommend Maintenance

#### If Needed

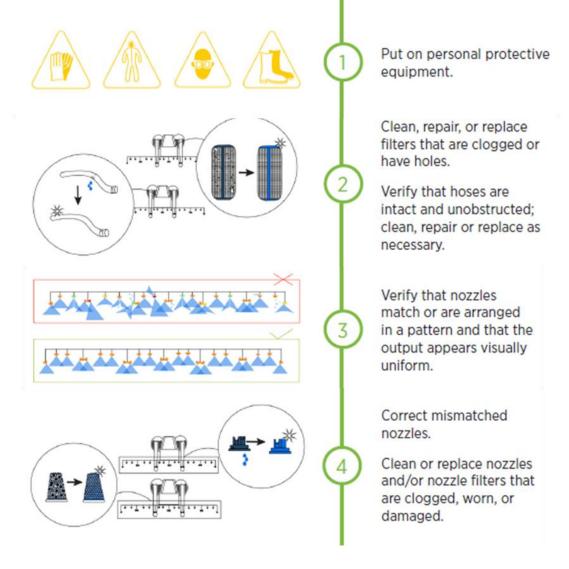
Provide Coverage Percentages







# Maintain and Calibrate!







# Thank you!

Special Thanks: Mark Edsall, Daniel Olivier, Miriam Mendez, Ignacio Mendoza, Interns Teejet donations

Questions?



