

## Spray Application Pest Management Alliance Airblast Sprayer Calibration Training

**Date: Thursday, February 20, 2020 Time: 7:30 AM-3:45 PM**

**Location: Kautz Farms, 5920 Live Oak Rd, Lodi, CA 95240.**

**What:** An outdoor, hands-on training course covering airblast sprayer calibration and drift control techniques for applications in vineyards.



**Who should attend:** This course is for those who are directly involved with spray application operations, those who supervise applications, spray decision makers, vineyard managers, grower/owners and PCAs. **The course will be taught in both English and Spanish.** You will choose which language you wish to be trained in during registration.

The course is ideal for multiple employees within a single farm organization to attend-PCA to owner to applicator.

We will work with axial fan sprayers-however; the training will be applicable to air shear sprayers as well. Only air-assisted application directed to the canopy in vineyards will be covered (no herbicide/ground application).

You will be provided with PPE, please indicate your Tyvek and glove size when registering. All attendees will be asked to sign a waiver of liability and photo release as a requirement before being admitted to the course.

**Pressure gauge testing is available!**



If you would like your sprayer gauge tested against a certified accurate gauge, please remove your gauge from your sprayer and label it by writing your name and phone number on a piece of masking tape and tape it to the back of the gauge. Drop off your gauge at Kautz Farms between 10 a.m.- 2 p.m. on Feb. 19-the day before the actual training. Your gauge will be returned at the end of class with the accuracy information kept confidential.

**AGENDA**

- 7:30 AM      **Registration and Coffee**
- 8:00          **Welcome and Introductions**
- 8:20          **EQUIPMENT.** Liquid line of flow, the pressure gauge, the fan and air volume, introductions to nozzles: disc and core, single piece, low drift, droplet size.
- 9:15          Break
- 9:30          **RATE.** Measuring land rate. Calibration: the basic formula for spraying. Choosing nozzles. Methods to measure flow rate. Actual GPA vs. formula GPA. How much pesticide in the tank?
- 12:15 PM      Lunch
- 12:45          **LAWS.** The Pesticide Use Near Schoolsites Regulation. Labels and spray application parameters.
- 1:15          **PERFORMANCE/ PRECISION.** Measuring coverage. Sprayer adjustments to improve coverage.
- 2:45          Break
- 3:00          **WEATHER.** Measuring weather. How weather affects your application.
- 3:30          **POST-SURVEY**
- 3:45          **Check out: CE credit verification handed out. Pressure gauges returned.**

**6 hours “other” and 0.5 hour “laws” applied for**

This course is supported by a Pest Management Alliance grant from the California Department of Pesticide Regulation and was conceived and will be taught by a collaborative team of University of California Cooperative Extension, Agricultural Commissioners, University of California Integrated Pest Management, Spray Safe, and Industry members.