

Summary – PCA Breakfast

Sonoma County

06. March. 2025

Topics for Discussion

1. Welcome and Updates from November - Present
2. Early Spring Comments
3. Upcoming Pest Concerns
4. Other Upcoming Concerns

Other topics

1. Pests at budbreak and early shoot growth
2. Early season management strategies for weeds and pests
3. New materials or alternative controls

7:30am – 7:40am = Introductions

7:40am – 9:00 am = Discussions

1. Pre-Discussion

- a. Updates (Nov 2024 – March 2025)
 - i. New PCAs
 - 1. Any new PCAs can be connected with Cindy Kron for new PCA Breakfast registrants
- b. Upcoming workshops
 - i. UC Davis On the Road – March 19, 2025
 - ii. Sharpshooter Workshops – April 10-11, 2025
 - iii. Sharpshooter/Leafhopper ID – June, 11, 2025
 - iv. CA statewide olive seminar – April 4, 2025
 - v. Field days?
 - 1. Topics
 - a. New products
 - i. XylPhi – PD-curing formula
 - b. New techniques
 - i. LAMP Assay
 - c. Field demonstration day
 - i. Seasonal tailgates with seasonal topics
 - ii. Example:
 - 1. GTDs now
 - 2. PM in spring
 - iii. New product demonstrations
 - 1. XylPhi
 - 2. LAMP Assay
 - d. Vertebrate Pests
 - i. Rodger Baldwin
 - ii. Breanna Martinico
 - 1. Building bird boxes
 - 2. Dimensions and placement
 - 3. Expectations for bird boxes
 - e. Invertebrate Pests

- i. Common pests for vineyards
 - ii. BMPs for each kind
 - iii. Degree Day Models
 - 1. IPM.ucanr.edu
 - a. Manage Pests
 - b. Weather Models and Degree Days
 - c. Pest and Plant Models
 - 2. Specific to the pest in question
- 2. Style
 - a. Tailgate or Formal
 - b. Doesn't matter except for topic
 - c. Possibly a **series** of events relative to the seasonal needs
- vi. Olive and Grape Field Day – TBD (likely May)
- vii. Small Vineyard Management II – May 15-16
- viii. Oakville Grape Day – June 4, 2025

2. Early Spring Comments

- a. Effects of Winter
 - i. Short cover crops
 - 1. Past few days have grown better
 - 2. Not growing well in flooding areas
 - 3. Wait for drier soils
 - 4. Too much water
 - 5. Too much cold
- b. Warm Springs
 - i. Bud swell in early varieties already

3. Upcoming Pest Concerns

- a. Last year's early spring issues
 - i. Lepidoptera

1. More common and in more places in 2024 than last year
2. Trapping in 2025?
3. Traps can be full often if populations are high
4. Is it more common after cold or warmer winters?

b. Phomopsis

- i. Lots of winter rain and water
- ii. Watch your spray schedule
- iii. Prevention
 1. Oil
 2. Sulfur (high rates of wettable sulfur)
 - a. Apply around budbreak
 3. Copper
 4. Leaf removal
 5. Better airflow
 6. Sovereigns / Narcos
- iv. Often in the Russian River Valley

c. UC Mildew Model for Sonoma

1. Check into that
2. Subregions?
 - a. Alexander Valley
 - b. Carneros
 - c. Russian River Valley

d. Sharpshooter Trapping

- i. 6 years of trapping
- ii. Recently combined data with Napa
 1. Looking for any pattern
 2. Need to see this a few more times to be sure

- 3. Both counties trying to get down to around 100 traps each
 - iii. Need more data to identify trends
 - iv. Maybe this year we'll see higher, overall BGSS numbers
 - v. Sonoma checks traps 2x per week
 - vi. Nylon net barriers between riparian zones and vineyards
 - 1. Some flying species have a height range they don't like to fly above
- e. Viney Mealybug Pheromone Trapping
 - i. When to put them out?
 - 1. Early may not catch much
 - 2. But is it too late when it's warmer already?
 - ii. Mating Disruption
 - 1. Still a common practice
 - 2. Helps reduce the cost of management
 - 3. Management cost exceptionally high in organic
 - 4. Product
 - a. Isomate VMB

4. Other Upcoming Issues

- a. Burn or Sunburn
 - i. Petite Syrah a particular issue with timing of heatwaves?
 - ii. Can over thin the leaves
 - iii. More mature fruit is more likely to burn
 - iv. Products
 - 1. Chillax
 - a. Micronized CaCO_3
 - b. Replacement for Surround?

2. Shade Cloth

- a. More expensive to apply and remove

3. Telete?

4. Surround

- a. 2-3 applications per season
- b. Need agitation in tank
- c. Speed of mixing

5. Parka sunburn and smoke protection

v. Practices

- 1. Expose fruit early to allow for solar shielding compounds

b. Fertilizing for low fruit failure

- i. All macronutrients early in spring