

Summary – PCA Breakfast

Mendocino County

25. June. 2024

Topics for Discussion

1. Discussions and Updates
2. Other Pests and Diseases
3. Grapevines
4. d
5. e
6. f

Other topics

1. a
2. b
3. c

7:30am – 7:40am = Introductions

7:40am – 9:00 am = Discussions

1. Discussions and Updates

a. GWSS Updates

- i. List of Costco customers given to all counties
- ii. Contact tracing possible
- iii. \approx 80 people in Mendocino County
- iv. Some purchases might have been taken out of the county (different county of residence than Costco)
- v. No trap catches yet in Mendocino County
- vi. Right now, adults emerging (if eggs were moved from Costco directly)
- vii. Life stage now would be determined by what stage was on Costco plants
- viii. Two generations per year
- ix. Degree Day Model needed by region
- x. 1 adult or nymph found in Yolo County Trap
- xi. Very broad host range (>300 plant species; Agricultural, ornamental, native, riparian, etc.)
- xii. Blunder traps needed (Yellow-Sticky)
 1. Placed above the canopy above leaves
 2. Where they fly and can see the yellow color
 3. 1 trap per 10 acres
 4. RECOMMENDATION – vigilance for next few years to search for reproducing populations
 5. Sonoma County BGSS traps out (180x traps)
 6. Napa County traps out too
 7. Teach trappers how to identify GWSS
- xiii. No pheromone communication
 1. Vibration-based communication
 2. Rodrigo Krugner at USDA in Parlier looking into this for confusing GWSS
- xiv. Population density would matter in trapping

- xv. May take until next year to show if populations have established
- xvi. Mothballed or Abandoned Vineyards
 - 1. Should have traps put into the vineyard
 - 2. Focus on areas with fewer frost events
 - 3. Focus on riparian areas
- xvii. Events
 - 1. Identify and how to monitor for GWSS
 - 2. GWSS Training
 - a. One-on-one or workshop
 - 3. Timing can't really be too early
- xviii. Identifying the "General Region" of the GWSS finds would be helpful to growers with multiple or large properties
- xix. Different GDDs will matter in sampling

2. Other Pests and Diseases

- a. General Pests
 - i. Fewer than normal
- b. Leafhoppers
 - i. Virginia Creeper Leafhoppers
- c. Vine Mealybugs
 - i. Imidacloprid effects on Mealybugs? Might work on crawlers
- d. Mites
 - i.
- e. Powdery Mildew
 - i. High frequency and low severity
 - ii. Sonoma County
 - iii. Temperatures hovering at ideal
- f. Fireblight in Pears
 - i. Pretty bad right now

- ii. 57°F and 90RH
- iii. Even ornamentals are bad right now
- iv. Have to cut the damaged tissues off below visual damage
- v. Points of entry = flowers
- vi. Or leaves if leaves are damaged
- vii. Preemptive treatment with copper

3. Grapevines

- a. Developmental Timing
 - i. Little bit early (1-2 weeks early)
 - ii. Potentially early harvest and light crops
- b. Abandoned Vineyards
 - i. Will they get trapped or sprayed or managed?
 - ii. Fire risk?
 - iii. Can contact County Ag Commissioner and/or Cal Fire depending on which issue you want to address
 - iv. Higher GWSS risk?

4. Events

- a. GWSS workshop or go-to-them
- b.