

## Vine Mealybug Management—Stopping the Spread

### If you *don't* have VMB:

- ✓ Train harvest and other workers to recognize and report symptoms of VMB such as:
  - white cottony areas pushing out of fissures in bark
  - dark, honeydew-soaked vine trunks
  - ant activity
  - white masses on undersides of leaves
  - sticky fruit clusters with a white mealy substance on fruit and rachis
- ✓ If your vineyards are in the Carneros or Inglewood Ave./ W. Zinfandel area, take necessary sanitation measures:
  - 1) All persons working in infested vineyard blocks shall take the following precautions:
    - Wear disposable coveralls while doing field work in the infested block(s);
    - Remove and destroy or double-bag those coveralls in plastic bags when leaving the infested block(s) prior to entering a non-infested block. Bagged coveralls shall be disposed of where it can be assured they will be taken to a landfill and buried.
    - Remove any soil, debris, or insects from shoes with a stiff-bristled brush when leaving the infested block(s) prior to entering a non-infested block.
  - 2) All equipment shall be thoroughly cleaned of soil, debris, and insects by the best available means, such as a hot water and detergent solution sprayed with a high-pressure power washer. Cleaning shall occur before equipment is moved from any infested block(s) to any non-infested block(s).
  - 3) All vehicles that have entered an infested block shall be thoroughly cleaned of soil, debris, and insects by the best available means such as a hot water and detergent solution sprayed with a high-pressure power washer. Cleaning shall occur before vehicles are moved from infested blocks to any non-infested blocks or off of the property.
  - 4) All vegetative material and debris (such as vine prunings) resulting from any cultural practices performed within an infested block shall remain within the block and be disposed of by burning. Other methods of disposal may be considered and approved at the discretion of the Napa County Agricultural Commissioner.
- ✓ Take suspect VMB to your Agricultural Commissioner's Office for identification

### If you *do* have VMB:

- ✓ Follow VMB Compliance Agreement including sanitation measures noted above;
- ✓ If at all possible, hand harvest as machine harvesting spreads VMB;
- ✓ Harvest infested areas last, so workers don't move VMB to non-infested areas;
- ✓ Train harvesters and other workers to report any new areas of infestation, so infested vines can be treated or removed as soon as possible;
- ✓ Treat infested areas immediately post-harvest with Chlorpyrifos (follow specifications found in SLN #970007); and
- ✓ Follow the treatment protocols in your Vine Mealybug Compliance Agreement with the Agricultural Commissioner's Office to keep populations of VMB down and reduce likelihood of spread.