

## **California Asian Citrus Psyllid Program Exhibit - X1 Program Management Practices For Aerial Spray Treatments**

### **The following Program Management Practices**

The following management practices (MPs) will be implemented when conducting aerial spray treatments.

#### **1. Use appropriate aerial spray treatment procedures**

- Do not spray in urban/residential areas.
- Do not make direct application to water bodies.
- Use driplless nozzles if available.
- Verify the calibration of the contractor's spray equipment before the start of each treatment campaign.
- Make sure that the aircraft pilot is in radio communication with Proposed Program personnel on the ground, to verify wind speed and direction and location of non-target sites, including water bodies, people, vehicles, and buildings.
- Supervise mixing and loading of the aircraft.

#### **2. Conduct a site Assessment**

- Verify site to be treated.
- Take note of site conditions, such as soil texture, slope, water bodies, host plants, irrigation, and storm drains.
- Identify and make plans to avoid streamside management areas and surface water.
- Consider integrated pest management methods designed to minimize the scale and number of pesticide applications. Consider multiple measures such as sterile release, host removal, and bait stations.

#### **3. Properly clean and calibrate all equipment to apply chemicals uniformly and in the correct quantities**

- Calibrate spray equipment per label instructions.
- Perform equipment screening tests and tank sampling when appropriate.
- Use dedicated specific equipment for specific products when appropriate.
- Ensure equipment is cleaned properly per the manufacturer's specifications and pesticide label directions.
- Select the appropriate nozzle to ensure proper coverage.
- Maintain an equipment log to track calibration, cleaning, and repairs.
- Conduct visual inspections of equipment before use. Check all equipment for leaking hoses, connections, and nozzles.
- Monitor the operation of nozzles during the application.
- Discontinue use immediately if equipment malfunctions or fails to pass screening tests.

#### **4. Follow pesticide application laws and regulations, and label directions**

- Read pesticide label.
- Ensure staff is trained to properly apply pesticide.
- Be aware of any regulations or internal procedures before applications.
- Use appropriate application methods and rates.

- Mix and load chemicals in areas where spills can be contained. Limit mixing and loading in the field.
- Provide annual safety training for all treatment personnel.

**5. Apply chemicals only under favorable weather conditions**

- Monitor wind conditions. Delay or do not apply foliar sprays if wind speeds are over 10 miles per hour.
- Check weather service prior to application. Delay or do not apply foliar treatments if there is a 40% or higher chance of rain forecast to occur 24 hours before or after the planned application.

**6. Follow integrated pest management and drift reduction techniques**

- Use buffer zones where applicable to protect sensitive areas, such as bodies of water, critical habitat for threatened and endangered species, and other identified sensitive areas.
- Use low pressure application equipment if applicable.
- Use “bait station” application methods when possible.

**7. Clean equipment and dispose of rinse water per label directions**

- Rinse equipment according to manufacturer’s label instructions.
- Discharge rinse water only in areas that are part of the application site or at a certified waste treatment facility.
- Dispose of surplus chemical and containers according to label instructions.

**8. Follow appropriate product storage procedures**

- Ensure proper storage of all pesticides per label instructions.
- Ensure all pesticides removed from their original container are properly sealed for use within a service container.
- Seal all service containers within a tool box.
- Lock tool boxes when unattended.

**Special Instructions:** \_\_\_\_\_  
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\_\_\_\_\_  
*Printed name (Owner/Manager)*

\_\_\_\_\_  
*Signature of Establishment*

\_\_\_\_\_  
*Date*

*Failure to comply with stipulations outlined above may result in civil penalties pursuant to California Food and Agricultural Code Section 5705 and/or revocation of this Agreement.*