

# **MEXICAN FRUIT FLY QUARANTINE Valley Center 2022**



# 2022 Mexican Fruit Fly (MexFly) Quarantine Boundaries



78

# **BACKGROUND**

- **A “high priority” pest for both export and domestic markets.**
- **County crops at risk include citrus, avocado and many other exotic fruit host crops for Mexican fruit fly.**

# **DETECTION & ERADICATION**

**Between August 2 and 22**

**6 adult Mexican fruit flies and 1 larva were detected in the Valley Center area.**

**Quarantine trigger = 5 adults, 1 mated female or 1 larva.**

**Effective August 19, 2022, an official quarantine covering 77 square miles was established (Map).**

# REGULATORY PROGRAM

- Host crops **grown** or **handled** inside the quarantine area are regulated. Host crops grown outside the quarantine area are not regulated.
- Must have USDA/CDFR Compliance Agreement, Exhibits and Harvest Certificates to harvest, transport, & process crops.
- Enforcement activities conducted by CDFR/USDA/COUNTY.



**Regulatory Process if You Grow Host Crops  
within the Mexican Fruit Fly Quarantine  
Area ...**

# COMPLIANCE

## AGREEMENTS/CERTIFICATES

- **First obtain a Compliance Agreement and Exhibits and Harvest Certificates.**
- **Harvest Certificates allow growers to harvest and move their host crops under the terms of Compliance Agreements and Exhibits.**
  - **Compliance Agreement Exhibits state the specific requirements for harvesting and transporting host crops.**

# COMPLIANCE AGREEMENTS

- All growers (in Mexican fruit fly quarantine area) must obtain the “Grower/Grove Manager” Compliance Agreement (C.A.) and Exhibits.
  - If conduct own harvesting, obtain the “Harvester” exhibit.
  - If conduct own transporting, obtain the “Transporter” exhibit.
  - If field pack, obtain “Packing House” and “Diamond Stamp” exhibits.
- If the harvesting or transporting are conducted by contractors, then the contractor obtains a C.A. and exhibit(s).
- Packing Houses receiving host fruit from inside the quarantine area must obtain a C.A. and the “Packing House” and “Diamond Stamp” exhibits.



# PRE-HARVEST TREATMENTS

- Obtain a Pre-harvest Treatment Agreement  
Must apply treatments approximately once a week for one life cycle prior to harvest ( ~ 30 days in warm weather).
- Treatment period is temperature dependent and updated continually.
- Be sure to check the treatment schedule regularly ( CDFA/Ag Commissioner Web Page)
- Each treatment must be monitored by the Project (CDFA/USDA). No charge.

# APPROVED TREATMENTS

## Malathion 8 Aquamul

- EPA Reg. #34704-474.
- Ground or air applications.
- Malathion mixed with NU-Lure bait.
- Ground applications are spot applications in canopy of the trees.
- Air applications are broadcast applications.

## GF-120 NF Naturlyte

- EPA Reg. #62719-498.
- Ground or air applications.
- Ground applications are spot applications in canopy of the trees.
- Air applications are broadcast applications.

# TREATMENT MAP

For a 100 trees/acre @ 20' X 20' spacing approx 60 trees sprayed

X	X	X	X	X	X	X	X	X	X
X				X				X	X
X		X				X			X
X	X			X				X	X
X		X				X			X
X				X				X	X
X		X				X			X
X	X			X				X	X
X		X				X			X
X	X	X	X	X	X	X	X	X	X

**Spot**

**Treatment**

**All Perimeter  
trees sprayed**

**Inside grove:  
every other  
tree of every  
other row  
sprayed**

# **SUMMARY**

- 1. Obtain: (1) Compliance Agreement; (2) Treatment Agreement; (3) Harvest Certificate. Check the treatment schedule and begin treatments in time to meet your harvest date.**
- 2. Make sure each treatment is monitored by CDFA/USDA.**
- 3. Stay on schedule! If you miss a scheduled spray, due to your negligence, the treatments start over.**
- 4. When harvesting, transporting, or processing; follow the compliance agreement and exhibits.**

# PROJECT CONTACTS

- For questions specific to this quarantine, contact local CDFA Project Hotline:  
(760) 752-4718
- To report a Mexican fruit fly sighting, contact CDFA Exotic Pest Hotline (800) 491-1899