



**Harvest and Crop Movement Requirements for Growers  
Within and Adjacent to Invasive Fruit Fly Quarantine Areas  
Updated Jan. 11, 2024**

**Growers Located on a Fruit Fly Detection Site Inside a Fruit Fly Quarantine:**

Produce from a find site cannot be moved off of the property, it can only be processed or juiced on the property of origin.

**Growers Located within a Fruit Fly Quarantine Core Area (0.5 mile-radius around a detection site):**

Produce grown in a core area is not eligible for pre-harvest bait treatment, the only option is a post-harvest treatment. Produce from the core, but not a detection site, can be harvested and treated with an approved post-harvest treatment. Please note, all fumigators and fumigation sites require certification. All treatments must be conducted in accordance with the [USDA Treatment Manual](#).

If post-harvest protocols are not available or cannot be met, produce may be stored, [processed](#) or consumed on the growing site. If properties within a core area have no fruit flies detected on the growing grounds, produce can only be moved for [juicing, processing, freezing](#), etc. under compliance and safeguarding with the approval of the receiving County Agricultural Commissioner and any applicable transiting counties.

Agricultural Commissioners of the county where fruit is received and processed have the authority to refuse the produce. Agricultural Commissioners in transiting counties may also prohibit transit through their respective counties.

Host produce on core properties that are not being processed or otherwise consumed on site, should be picked and properly disposed of, and not left in the field. Host produce should be double-bagged sent to an approved landfill, buried on-site, or otherwise processed on-site in any of the approved methods under supervision by CDFA, USDA and/or the County Agricultural Commissioner.

**Growers Located Inside an Existing Invasive Fruit Fly Quarantine Area, But Outside of the Core Area**

**Pre-Harvest Bait Treatments for Crop Movement:**

Growing operations located outside of the core area (0.5-mile radius around the detection sites), but within an existing fruit fly quarantine area (an additional 4.5-mile radius from the core area), who wish to move regulated host fruits and/or vegetables (host plants for Oriental fruit fly, Mediterranean fruit fly, Tau fly, Queensland fruit fly) off their property, must complete four or more pre-harvest bait treatments at regular intervals. Host fruits and vegetables that receive pre-harvest bait treatments are authorized for movement within or outside of the existing fruit fly quarantine area. Please contact CDFA for additional information and guidance before beginning any treatment schedule. If you would like to participate in pre-harvest bait treatments or have questions, please reach out directly to the Cooperative Fruit Fly Project contacts below:

Southern California: Dayna Napolillo – [Dayna.Napolillo@cdfa.ca.gov](mailto:Dayna.Napolillo@cdfa.ca.gov) – (562) 299-4381

Northern California: Vince Arellano – [vince.arellano@cdfa.ca.gov](mailto:vince.arellano@cdfa.ca.gov) – (916) 812-4403

#### Treatment Details:

Growers can apply regular [pre-harvest bait treatments](#) with approved insecticides, applied at recommended intervals, starting a sufficient time before harvest (not less than 30 days, but may go as long as 100 days before harvest depending on the [pre-harvest bait treatment window](#), with a minimum of 4 treatments) to allow for the development of fruit fly eggs and larvae. Determination of the [schedule](#) is based on the degree day model for the specific fruit fly. CDFA will help growers determine the specific schedule.

Eligible fruit fly host commodities that have not undergone pre-harvest bait treatments can be harvested and treated with an approved post-harvest treatment. Note: Fumigator and fumigation site will require certification. All treatments must be conducted in accordance with the [USDA Treatment Manual](#).

#### Important Considerations:

- Once treatment has begun, it must continue through the harvest period.
- The crop owner or grower must provide all of the materials needed, including personnel and safety equipment, among other items.
- The treatments must be made under a compliance agreement. A Cooperative Fruit Fly Project Inspector must monitor all applications, and upon completion, will issue a permit authorizing the movement of the treated host fruits and vegetables.
- There is no charge for monitoring treatments.

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#### **Growers Located Outside an Existing Invasive Fruit Fly Quarantine Area**

##### **Pre-Quarantine Treatment Option:**

Eligible growers, within close proximity - but outside of - established fruit fly quarantine boundaries, can elect to begin pre-quarantine treatments at the discretion of the County Agricultural Commissioner, to potentially minimize impacts on the movement and sale of their fruit or vegetables, and minimize harvesting delays should quarantine boundaries expand to include their crop growing location.

- Treatments will be conducted in the same manner as the pre-harvest bait treatment applications in an established quarantine area.
- The County Agricultural Commissioner's Office can determine if your property is eligible and must issue the Treatment Compliance Agreements and monitor all treatments.
- Since pre-quarantine treatments are not mandatory, the County Agricultural Commissioner may charge for monitoring.

If you would like to participate in this pre-quarantine option or have questions, please reach out directly to your local County Agricultural Commissioner by clicking your county's link, [here](#).

For additional information on the fruit fly quarantine requirements, please visit [CAFruitFly.com](http://CAFruitFly.com)