

**Information for Citrus Growers/Grove Managers
in an Asian Citrus Psyllid (ACP) Bulk Citrus Regional Quarantine Zone
or Huanglongbing (HLB) Quarantine Area**

October 23, 2018

**ACP-Free and HLB-Pest Risk Mitigated Bulk Citrus Movement from an ACP Bulk Citrus Regional Quarantine Zone ([map](#))
or an HLB Quarantine Area ([map](#))**

The California Department of Food and Agriculture (CDFA) has implemented a State Interior Quarantine for [Asian citrus psyllid \(ACP\)](#) and [Huanglongbing Disease \(HLB\)](#). CDFA has issued Special Permits (auth. CCR 3150) to allow the movement of bulk citrus fruit from an ACP Bulk Citrus Regional Quarantine Zone or from an HLB quarantine area if meeting an ACP-free performance standard.

In order to move bulk citrus from an ACP regional quarantine zone or an HLB quarantine area under the terms of the permit(s), growers, grove managers, haulers, and harvesters must do the following:

1. Sign a compliance agreement and exhibit provided by the ACP or HLB Program;
2. Complete the applicable [ACP-Free Declaration form](#) or [HLB Pest Risk Mitigation form](#) and include an original form with each shipment;
3. The ACP-Free Declaration form or HLB Pest Risk Mitigation form must be submitted to your local County Agricultural Commissioner’s office at least 72 hours in advance of harvest to ensure the shipment is free of ACP and mitigated for HLB;
4. Ensure pallets or field bins are completely tarped or moved in a conveyance with solid walls;
5. Deliver bulk citrus fruit only to a Program approved packing house or processor. Please contact the local County Agricultural Commissioner for a list of approved receivers;
6. Provide the ACP-Free Declaration form or HLB Pest Risk Mitigation form to the receiving packing house or processor upon delivery.

Shipping From	Shipping to a Packer/Processor	
	Within the Same ACP Bulk Citrus Regional Quarantine Zone or into Regional Quarantine Zone 6	In a Different ACP Bulk Citrus Regional Quarantine Zone*
ACP Regional Quarantine Zones 2, 3, 4, 5, or 7	Transport Completely Tarpred or in a Fully Enclosed Vehicle	Field Clean OR Treatment Option AND Transport Completely Tarpred or in a Fully Enclosed Vehicle AND Complete ACP-Free Declaration Form

*Shipments of bulk citrus from Quarantine Zones 2, 3, 4, 5, or 7 into Zone 6 for final packing at a packing house or processor do not need to be field cleaned or treated prior to shipment, or be accompanied by an ACP-Free Declaration form. Fruit must be transported completely tarpred or in a fully enclosed vehicle.

Shipping From	Shipping to a Packer/Processor	
	Within the Same Contiguous HLB Quarantine Area	Outside of HLB Quarantine Area OR Different HLB Quarantine Area
HLB Quarantine Area	<p>Field Clean OR Spray & Harvest AND Transport Completely Tarpred or in a Fully Enclosed Vehicle AND Complete HLB Pest Risk Mitigation Form</p>	<p>Wet Wash OR Field Clean and Spray & Harvest AND Transport Completely Tarpred or in a Fully Enclosed Vehicle AND Complete HLB Pest Risk Mitigation Form</p>

The following are methods that CDFA agrees would ensure the pest risk has been mitigated in bulk citrus shipments from an ACP Bulk Citrus Regional Quarantine Zone or an HLB quarantine area:

1. **Cleaned free of all stems and leaves.**
2. **All fruit must be transported to the packer/processor in a fully enclosed vehicle or completely covered by a solid or mesh tarp and in accordance with the terms listed in Compliance Agreement Exhibit "ACP Citrus-T" to prevent exposure to ACP or the loss of any fruit or plant material.**
3. **Other methods used to declare ACP-freedom or HLB mitigation in bulk citrus shipments may also be agreed upon by CDFA.** To propose additional methods, please do the following:
 - a. Complete the ACP-Free Declaration or HLB Pest Risk Mitigation form, including a description of the proposed method to declare ACP-freedom or HLB mitigation for the bulk citrus shipments. Include additional pages if necessary.
 - b. Send the complete form to your local County Agricultural Commissioner or ACP Program office prior to harvest for approval. Please note, the acceptance of new methods may take substantially more time to review.

Cooperative ACP / HLB Program Offices

<u>Visalia Office</u> 724 N Ben Maddox Way, Suite D Visalia, CA 93292 Phone: 559-625-1040 Fax: 559-625-1050	<u>Palm Desert Office</u> 73-710- Fred Waring Dr. Suite 211 Palm Desert, CA 92260 Phone: 760-773-0941 Fax: 760-836-0140	<u>Upland Office</u> 1111 East Eighth St. Upland, CA 91786 Phone: 909-367-7981 Fax: 909-949-7378
<u>Camarillo Office</u> 745 W. Ventura Blvd. Suite A Camarillo, CA 93010 Phone: 805-445-1382 Fax: 805-482-2901	<u>San Diego Office</u> 2878 Camino del Rio South, Suite 408 San Diego, CA 92108 Phone: 619-295-2913 Fax: 619-295-2918	<u>Sacramento Office</u> 1220 N Street, Suite 325 Sacramento, CA 95814 Phone: 916-654-0312 Fax: 916-654-0986

4. Pre-harvest application of a product applied within 14 days prior to harvest. A list of products and use rates recommended by University of California, Integrated Pest Management Program (UC IPM), and agreed upon by CDFA, are provided below.

<p>It is incumbent upon the user to follow all label directions when using any of the products listed below. Reference the California Department of Pesticide Regulation to obtain product and label information: www.cdpr.ca.gov</p> <p>When applying by ground, use 100-200 gallons per acre (gpa) water volume for mature trees. Adjust water volume for young trees as necessary. When applying by air, use 5-25 gpa water volume depending upon pesticide used.</p> <p>Products listed below are subject to change.</p>									
Product	EPA No.	Active Ingredient	Treatment Method	Rate per Acre	Rate of Active Ingredient	PHI	REI	Maximum Amount per Crop Season	Minimum Application Volume by Air
Actara	100-938	25% thiamethoxam	foliar	4.0 - 5.5 fl oz	0.063 - 0.086 lb ai thiamethoxam	0 day	12h	11 oz maximum per season	5 gpa
Admire Pro ²³⁴	264-827	4.6 lb ai/gal imidacloprid	foliar	7 fl oz	0.25 lb ai per acre	0 day	12h	14 oz	25 gpa
Baythroid XL	264-840	1 lb ai/gal beta-cyfluthrin	foliar	3.2 - 6.4 fl oz	0.025 - 0.050 lb ai beta cyfluthrin	0 day	12h	6.4 fl oz of cyfluthrin or beta-cyfluthrin	25 gpa
Danitol 2.4 EC Spray	59639-35	2.4 lb ai/gal fenpropathrin	foliar	16 - 21.3 fl oz	0.3 - 0.4 lb ai fenpropathrin	1 day	24h	21.3 oz	5 gpa
Lannate LV ¹	352-284	methomyl	foliar	1.5 - 3 pints	0.45 - 0.9 lb ai methomyl	1 day	72h	9 pints, 4 appl. per season	15 gpa
Lannate SP*	352-342	methomyl	foliar	0.5 - 1.0 lb	0.45 - 0.9 lb ai methomyl	1 day	72h	3 pints, 4 appl. per season	15 gpa
Leverage 360	264-1104	1 lb ai/gal beta-cyfluthrin + 2 lb ai/gal imidacloprid	foliar	3.2 - 6.4 fl oz	0.025 - 0.50 lb ai beta-cyfluthrin + 0.05 - 0.1 lb ai imidacloprid	0 day	12h	6.4 fl oz of cyfluthrin or beta-cyfluthrin	25 gpa
Mustang	279-3126	17.1% by weight zeta cypermethrin	foliar	4.3 oz	0.05 lb ai zeta cypermethrin	1 day	12h	17.2 fl oz appl. 14 days apart	10 gpa
Tombstone	34704-912	2 lb ai/gal cyfluthrin	foliar	3.2 - 6.4 fl oz	0.10 lb ai cyfluthrin	0 day	12h	6.4 fl oz of cyfluthrin or beta-cyfluthrin	25 gpa
Tombstone Helios	34704-978	2 lb ai/gal cyfluthrin	foliar	3.2 - 6.4 fl oz	0.10 lb ai cyfluthrin	0 day	12h	6.4 fl oz of cyfluthrin or beta-cyfluthrin	25 gpa

¹Product to be used during citrus bloom.

²Do not use if a soil imidacloprid treatment has been applied to the orchard in the same season.

³Any 4F formulation of imidacloprid may be used at a rate of 8 oz

⁴Any 4.6F formulation of imidacloprid may be used at a rate of 7 oz

DISCLAIMER – The 14-day treatment interval and all pesticides listed in the above table are solely the recommendations of the University of California. The California Department of Food and Agriculture bears no responsibility for the efficacy of these recommendations.

If you have any questions, please contact Victoria Hornbaker at Victoria.Hornbaker@cdfa.ca.gov.