

# Delivering Exceptional Value Since 1977

## CWN Newsletter "A Nursery to Design From"

## February 2015

Last October the Asian Citrus Psyllid (ACP) was found in San Jose. Quarantine areas and treatment protocols were established by the California Department of Food and Agriculture (CDFA) to prevent the spread of the insect and the associated disease Huanglongbing (HLB).

Until treatment and eradication of the pest has been completed (most likely several years) movement of citrus in and out of the quarantine area is greatly restricted. This means that we will not be shipping to sites outside the quarantine area. However treated plants may be picked-up at the nursery and there is no restriction as yet to where they are taken. The restricted area continues to widen with every new finding and an interactive map of affected areas can be found at: <a href="http://gis.cdfa.ca.gov/Quarantine.Web/QuarantinePage.html?Type=ACP">http://gis.cdfa.ca.gov/Quarantine.Web/QuarantinePage.html?Type=ACP</a>

We have included many links here and on our <u>website</u>, or you may contact us anytime for more information.

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#### **Citrus DiseaseOverview**

## From The Citrus Insider website:

"Asian citrus psyllid is an aphid-sized pest that arrived in California in 2008. The pest itself can be managed with an integrated pest management approach of insecticides and natural enemies, however the real danger lies in the psyllid's ability to transmit a bacterium that causes Huanglongbing, a deadly, incurable disease of citrus. For this reason, identification and control of the psyllid is essential."

## From the UC IPM website:

"The <u>Asian Citrus Psyllid</u> (ACP), Diaphorina citri, is a tiny mottled brown insect, about the size of an aphid, that poses a serious threat to California's citrus treesincluding those grown in home gardens and on farms. The psyllid feeds on all varieties of citrus (e.g., oranges, grapefruit, lemons, and mandarins) and a few very closely related ornamental plants in the family Rutaceae (e.g., calamondin, box orange, Indian curry leaf, and orange jessamine or orange jasmine).

This psyllid damages citrus directly by feeding on new leaf growth (flush); this feeding twists and curls young leaves and kills or burns back new shoots. More seriously, the insect is a vector of the bacterium Candidatus Liberibacter asiaticus, associated with the fatal citrus disease <u>Huanglongbing</u> (HLB), also called citrus greening disease. The psyllid takes the bacteria into its body when it feeds on bacteria-infected plants. The disease spreads when a bacteria-carrying psyllid flies to a healthy plant and injects bacteria into it as it feeds.

HLB can kill a citrus tree in as little as five years, and there is no known cure. The only way to protect trees is to prevent spread of the HLB pathogen in the first place, by controlling psyllid populations and removing and destroying any infected trees."

For more information: <a href="http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn74155.html">http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn74155.html</a>

#### **Citrus Resources**

CDFA Pest Profile: <u>http://www.cdfa.ca.gov/plant/pdep/target\_pest\_disease\_profiles/ACP\_PestProfile.html</u>

UC IPM Pest Management Guidelines: <u>http://www.ipm.ucdavis.edu/PMG/r107304411.html</u>

Save Our Citrus website: <a href="http://www.saveourcitrus.org/">http://www.saveourcitrus.org/</a>

## You Design It, We Deliver It

With our extensive inventory and trusted nursery partners, CWN is your one source for plants and planting supplies. The nursery is brimming with a wide varirty of colors, textures and sizes, and we have changed our in stock mix to accomodate larger quantities of our best sellers, making it even easier to complete customer orders more quickly.

Here is a brief summary of what we can do for you:

 $\cdot$  Assemble customers orders for will call or delivery, usually the same day (photos available upon request)

- Always use the best materials available
- · Contact customers immediately if there is a quality or availability issue
- $\cdot$   $\,$  Order out of stock or specialty materials, to arrive as quickly as possible, using all resources available
- Guarantee that CWN material will meet or exceed the customers satisfaction

### **Products of interest at CWN**

#### Follow any of the links below for more information:

- <u>Kellogg Garden & Bloome Compost and Potting Mix</u>
- Sunland Garden Products Organic Compost, Potting and Planting Mixes
- Delta Blue Grass Co. Native and Traditional Turfgrass, Seed and Fertilizers
- Pacific Sod Turfgrass and Seed
- E.B. Stone's Organics Planting Compost, Potting Soil and Fertilizers
- <u>Vespro, Inc.'s Root Solutions Root Barriers</u>
- Horticultural Alliance's DIEHARD<sup>™</sup> root growth stimulant products

### **Contact Information**

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