

California Citrus Exporters:

The California Citrus Quality Council (CCQC) is contacting the industry to provide information on how to comply with the China and Korea export protocols.

China

Growers should apply a fungicide application of either copper or an approved alternative, to acreage destined **for export to China in Districts 1 and 2, with the exception of Kern County, by Jan. 30**. Risk levels in these districts are currently at the highest level in these districts.

No applications are needed at this time in District 3 including Imperial and eastern portions of Riverside and San Bernardino counties and the Coachella Valley South to Imperial County. Copper applications are required for the first application to meet the China protocol, but the second preharvest application may be copper, phosphite, or oxathiapiprolin. Oxathiapiprolin provides the longest comparative residual protection among the three types of compounds.

Korea

A copper application or approved alternative should be made to control Septoria spot in Tulare and San Luis Obispo counties by Jan. 30. These counties are currently at moderate risk levels and rain is expected in the next 30 days.

No applications are needed in other citrus producing counties.

Approved alternatives to copper include Quadris Top, Luna Sensation and Priaxor.

Attached for your information are the GAPs, which include more detailed information on Septoria and *Phytophthora* management.

China and Korea Acreage

If citrus groves are being managed jointly to meet the China and Korean protocols, then an application of copper is needed to maintain eligibility for both export markets.

Additional Information

Dr. J. E. Adaskaveg at UC Riverside is monitoring environmental models for all citrus growing regions in the state. An additional application is needed to comply with the *China* protocol because accumulated rainfall has washed off copper protection in the counties indicated. Both temperature-wetness and precipitation-copper removal models indicate high risks for brown rot caused by *Phytophthora* spp.

For the *Korea* market, sufficient cold temperatures and/or rainfall have occurred in Tulare and San Luis Obispo counties. Average accumulated rainfall for Districts 1 and 2, with the exception of Kern County, has been 68.1 mm or 2.7 inches. Additionally, recent cold temperatures and forecasted weather indicates that additional Septoria advisories for other counties may be imminent. Furthermore, NOAA forecasts indicate probabilities of 70 percent above-normal precipitation in the next 30 days. Forecasts can be found at the following link. <http://www.cpc.ncep.noaa.gov/products/predictions/610day/index.php>

Dr. Adaskaveg will continue to monitor weather conditions to determine if additional applications are necessary in other growing regions.

Please contact me by telephone at (530) 885-1894 or via e-mail at jcranney@ccqc.org if you have questions or need additional information.

Regards,
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