

May 18, 2018
ALERT #4

GILL'S MEALYBUG FIELD OBSERVATIONS

Southern and Central San Joaquin Valley

Gill's mealybug monitoring in pistachio in the Lost Hills, Visalia, Laton, Five Points, Corcoran, Huron, and Coalinga areas are showing about 80-90% of adult mealybugs with crawlers. Crawlers can be found under and on the adult females. Adult females will die off as they finish giving birth to all their crawlers. Crawlers have started moving out in search of a feeding site and can be found on leaves.

Starting now through the end of May is the optimal time to treat for Gill's mealybug with CENTAUR. Effective rates range from 34.5 oz/A to 46 oz/A. In light to moderate populations, 34.5 oz/A will do just fine while in heavy infestations, use 40 to 46 oz/A to extend residual control.

Spray coverage is very important to maximize efficacy. It is highly recommended to use 200 GPA with a good surfactant and a tractor speed of 2 MPH. Make sure to open up lower nozzles on the sprayer to cover the trunk and limbs of the trees as here is where a lot of the mealybug is found right now.

Centaur® is an Insect Growth Regulator; therefore, you should target the beginning of crawler emergence. Crawlers can pick up the Centaur via direct spray contact or by contacting residue as they move searching for a feeding site.

Centaur received its Japanese MRL this past April!

FROSTED SCALE FIELD OBSERVATIONS

Frosted scale crawlers continue to hatch and are moving to settle on the foliage. The hatch will continue through the next couple of weeks. **Centaur will also suppress Frosted Scale.**

Be sure to carefully monitor known Gill's mealybug hotspots to properly time application of Centaur. Right now, look for adult mealybugs hiding at the base of clusters and trunks and limbs under the bark.



Gill's Mealybug Giving Birth to Crawlers



Gill's Mealybug Crawlers on Pistachio Leaf



Gill's Mealybug in the Bark with Crawlers

NOTE: The field observations above are provided as general comments to help in treatment decisions. Individual field conditions can vary widely. Monitor individual fields carefully.

East SJV
West SJV
No. Central Valley
South/Central SJV
Northern CA

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