



Gill's Mealybug Pest Alert™

**April 8, 2024
ALERT #5**

FIELD OBSERVATIONS

GILL'S MEALYBUG OBSERVATIONS



GMB on Bud Central Valley

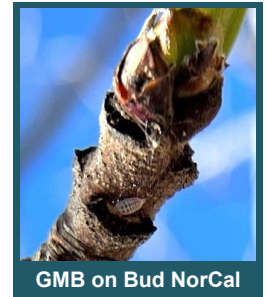
Recent monitoring for Gill's Mealybug in the areas of Fresno, Tulare, Kings, and Kern counties indicates that pistachios are from budbreak to bloom depending on variety. Most of the Gills mealybug population remains as 1st and 2nd instars; however, some mealybugs have started molting.

We are still at a good time for a CENTAUR application as most of the population remains susceptible. Taking into consideration tree phenology, insect development, and residues, CENTAUR applications can be applied from delayed dormant up to bloom.

Warmer conditions are expected for this week which will accelerate mealybug development and more rain is expected for this coming weekend. CENTAUR applications should be completed by the end of this week or by bloom time. CENTAUR is rain-fast as soon as it dries on the wood or foliage.

In the North Valley, overwintering mealybugs are on the move and can be found on the buds. The optimal application window for CENTAUR in the North Valley starts today. You will have a couple of weeks from this date to get your application in for maximum control.

All major pistachio processors allow the use of Centaur only at this application window. Always consult with your processor's grower liaison before making a CENTAUR application in pistachios. CENTAUR is an insect growth regulator that works by inhibiting the molting process of overwintering mealybugs. CENTAUR has contact, residual, and fuming action that allows it to reach difficult places on the bark or the mealybugs are exposed as they crawl to the buds looking for a place to feed.



GMB on Bud NorCal

Use CENTAUR at 34.5 to 46 oz/A + a good silicone or NIS surfactant with 150-200 GPA with a tractor speed of 2 MPH; orchards with high mealybug pressure should use the higher rate. Open the nozzles to cover the trunk from the soil-line all the way up into the canopy wood. This application can also provide control of Frosted Scale!

Applications of CENTAUR are rainfast as soon as they are dry (actual times will vary based on weather conditions).

FROSTED SCALE FIELD OBSERVATIONS

Field scouting indicates that Frosted scale is at the Adult or frosted stage. Soon they'll be laying eggs. If you missed this application window, wait to treat with an insecticide until after crawler hatch which will start in late May.

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.

Northern CA
Central Valley
No. Central Valley
North SJV
South Valley

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