



### Gill's Mealybug Pest Alert™

**June 3, 2022  
ALERT #8**

## FIELD OBSERVATIONS

### GILL'S MEALYBUG OBSERVATIONS



**Gill's Mealybug  
Crawlers on Pistachio**

Gill's mealybug monitoring in Pistachio in the Lost Hills, Kettleman City, Laton, Five Points, Corcoran, Huron, and Hanford areas are showing the populations to be mainly at the crawler stage. Most adults have given birth to mealybug crawlers, although there are still some adults that have not. In all sampled areas we are at 95% crawler hatch. Mealybug nymphs have moved out to feed on leaves and clusters.

We are at Peak crawler emergence in the south valley. Crawlers will continue to hatch through early June.

CENTAUR at 34.5 oz to 46 oz/acre + a good surfactant in 200 GPA with a tractor speed of 2 MPH will provide excellent control of Gill's mealybug at this window. Use 40-46 oz for high populations. Centaur® is an Insect Growth Regulator; therefore, the application should be made to target the beginning of crawler emergence. Crawlers will pick up the Centaur residue as they move around searching for a feeding site. *In-season use of Centaur is not allowed by most pistachio processors. Contact your grower liaison before spraying Centaur in May this year.*

From now through the next couple of weeks is a great time to use a contact/knockdown Gill's mealybug material such as Fujimite to control any escapes from earlier Centaur or Movento applications, or if no applications have been made yet. The optimal application timing is after most of the crawlers have hatched and moved to the leaves and clusters (1st to 2nd week of June) to get as much direct contact as possible. Fujimite is a new contact, short residual insecticide registered to control Gill's mealybug ([2ee link](#)). Use 2-3 pts/acre in 200 GPA with a tractor speed of 2 MPH. Use a silicone surfactant to improve coverage. Fujimite will kill all developmental stages and it provides fast knockdown. Fujimite will also control citrus flat mite.

Be sure to monitor your known Gill's mealybug hot spots carefully to properly time your Centaur or Fujimite Gill's mealybug application. As we move into June look for mealybug nymphs on leaves near the trunk of the trees and pistachio clusters.

### FROSTED SCALE FIELD OBSERVATIONS

Monitoring for Frosted scale shows that crawler hatch has occurred. Crawlers can be found out on the leaves where they will remain feeding for the rest of the season. If populations are high, the optimal summer application window is June-August. June applications of Fujimite for Gill's mealybug will also provide control of frosted scale.

*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.*

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

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

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Greg Miller  
Braden Cardoza  
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