



Gill's Mealybug Pest Alert™

Jun 1, 2023
ALERT #9

GILL'S MEALYBUG FIELD OBSERVATIONS

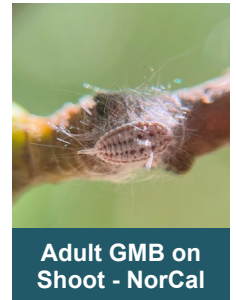


GMB Crawlers on Cluster

Gill's Mealybug monitoring this week in Fresno, Tulare, Kings, and Kern Counties indicates that the majority of the mealybugs have hatched; however, there are still a few nesting adults. Crawlers continue their migration to the foliage and clusters.

In Northern CA, adult Gill's mealybugs can be found near the nut clusters on the shoots. The adult females have produced eggs but have not moved back to the trunks to nest yet. Due to cooler temperatures, mealybug development is behind compared to prior years.

It is time for an in-season application in the central valley to target first generation crawler hatch. The primary contact materials are Fujimite and Assail. Gill's mealybugs are exposed and highly susceptible as they feed on leaves and clusters. Both Fujimite and Assail provide excellent knockdown action, but their residual activity is relatively short.



Adult GMB on Shoot - NorCal

Those who missed the March/April application this year and are finding adult mealybugs on the leaves and clusters now will likely need a two-spray program to manage Gill's mealybug in-season. Consider making an application of Fujimite or Assail targeting the first crawler hatch of the year, followed by a second treatment with either Assail or Fujimite at the second crawler hatch to keep clusters clean at harvest.

Fujimite SC is a relatively new tool which offers a different mode of action for in-season control of Gill's mealybug in pistachio. Use Fujimite after most crawlers from the first-generation hatched (June 1st -15th). This application will also provide excellent control of citrus flat mite, and frosted scale. Apply Fujimite 5SC at 2 pts/acre + Silicon surfactant, in 200 GPA, at 2 MPH tractor speed to deliver excellent knockdown and short residual activity of all mealybug stages.

FROSTED SCALE FIELD OBSERVATIONS

Frosted scale crawlers have hatched and are moving to settle on the leaves. It is important to note that nymphs will settle on both sides of the leaves (a hand lens may be needed to clearly see them). Nymphs will remain on the foliage to feed the rest of the season. It is time to treat for frosted scale if you have a large population. Fujimite will provide good control of frosted scale in this window.



Frosted Scale Nymph on Leaf

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

Anna Page
Cash Cadena
Greg Miller
Braden Cardoza
Octavio Magallanes
Brandon Renteria

(530) 708-2310
(559) 469-3112
(480) 993-9664
(209) 323-0707
(559) 396-5993
(559) 920-3466

apage@nichino.net
ccadena@nichino.net
gmiller@nichino.net
bcardoza@nichino.net
omagallanes@nichino.net
brenteria@nichino.net