



Early Control of Gill's Mealybug

PISTACHIO

Centaur® insect growth regulator is highly effective on Gill's mealybug when applied at bud break. Applications of Centaur during this window reduces overwintering crawlers to more manageable levels in-season.

Key Benefits of Using Centaur at Bud Break

- A bud break application targets overwintering crawlers, preventing the majority of them from maturing into reproductive females and thus breaking the mealybug life cycle.
- A bud break application of Centaur will reduce populations 80 to 90 percent, making mealybug more manageable in-season.
- Helps avoid detection of residues in pistachios.

Application Timing

- Apply at bud break when crawlers are moving or have migrated to buds to feed.
- Applications at this timing can be made from bud swell through approximately 2 weeks after bud break.
- Centaur is not effective against adult mealybug.
- When Gill's mealybug pressure is heavy, a follow-up application with an effective insecticide may be necessary in-season (May-June) to provide season-long control.

Use Information

- Rate: 34.5 to 46 oz/A. Use higher rate in blocks with heavy pressure.
- 200 gallons water per acre
- Open nozzles to cover the tree trunk and wood in the canopy.
- Proper coverage is essential for optimum insect control.

Product Information

- IRAC Group 16 Insecticide
- Reentry Interval (REI): 12 hrs
- Preharvest Interval (PHI): 60 days
- Do not apply more than 46 oz/A per season

Refer to the global MRL database for current established tolerances
www.globalmrl.com/db#query



Untreated Pistachio Cluster Heavily Infested with Gill's Mealybug at Harvest



Pistachio Cluster Treated with Centaur IGR

See reverse for additional information >

Efficacy of Centaur in Pistachio



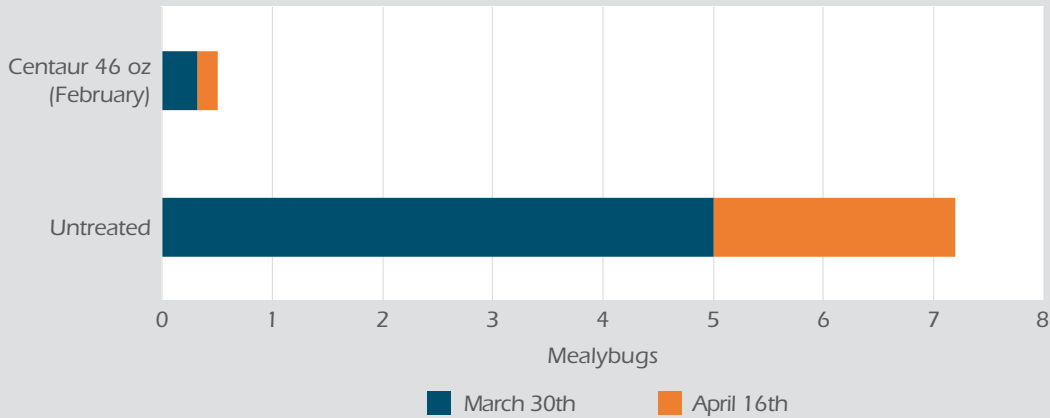
Mealybug Infested
Untreated Bud



Treated Bud with Centaur
21 DAT

Efficacy of Centaur Against Gill's Mealybug in Pistachio – Bud Break Application Lost Hills, CA

Average Number of Gill's Mealybug/Twig After Treatment



Application Timing: February 25

A Centaur application in February reduced mealybug counts per twig through May (92-94%)



NICHINO
AMERICA®