

RED SCALE DEGREE DAY ACCUMULATION*

AREA	BIOFIX	DD TOTAL March 26, 2024	550 DD Crawler Emergence
Arvin	March 4	147	5/5/23
Delano	March 4	149	5/2/23
Lindcove	March 8	145	5/9/23
Orange Cove	March 8	141	5/11/23
Porterville	March 4	149	5/5/23

*Temperature data and DD models retrieved from UC IPM websites.

The above red scale biofix dates are *only* a guide.



Citrus Mealybug Crawlers

FIELD NOTES: The first red scale crawler push is projected for the first week of May for Tulare, Kings, and Kern County, and the second week of May for Fresno County. If a block is heavily infested with red scale, Centaur can be very effective at 500 degree days to treat early generation crawlers. Citrus mealybug is moving towards the flush. In blocks heavily infested with citrus mealybug last year, high numbers of crawlers and first instars have been observed on the flush, leaves, and hanging fruit. Centaur can provide strong knockdown of first generation citrus mealybug crawlers and keep mealybugs at more manageable levels in season. The first big hatch of citrus thrips took place last week. Citrus thrips can be found on the flush and tender leaves. Bloom declaration is expected within two weeks. Red mite populations are increasing as more blocks are showing red mites on the leaves, flush, and hanging fruit. A bloom spray application of FujiMite can provide powerful knockdown of both thrips and mites. Aphid populations have increased throughout the Valley on new flush growth. Katydid has been observed in low numbers. It is another dry year for lemons and navel blocks on the foothills for popcorn bloom. Nectar in the flowers is minimal again this year which could allow for thrips to travel fast and start silvering the fruit during bloom.

CENTAUR WDG

- Use Rate: **46 oz/A** Spray Volume: **500 to 1000 gal/A** Tractor speed: **1 to 1.25 mph**
- **California Red Scale: Apply Centaur in May, targeting first generation early crawler emergence (550 DD)**
- To improve coverage on the foliage, add spray oil or a high-quality surfactant, following the directions for use on that product's label.
- When timing Centaur applications, it is always better to **be early rather than late. Centaur has 3 weeks of residual activity on red scale crawlers.**



Citrus Mealybug Crawlers

BEXAR CA

- Use Rate: **27 oz/A** Spray Volume: **100 to 125 gal/A** Tractor speed: **2 mph**
- **3-day PHI for citrus**
- **Citrus Thrips:** Apply Bexar CA post petal-fall to target citrus thrips. Bexar CA offers a different mode of action (IRAC 21A) to control thrips.
- **Citricola Scale:** Effective on even the heaviest of citricola scale infestations, with control of adults and nymphs within 2-3 days after treatment.
- Also controls katydid, aphid, Asian citrus psyllid, red mite, and contact activity on citrus mealybug



Citrus Thrips

FUJIMITE SC

- Use Rate: **2 to 4 pts/A**; add **415 oil**
- **3-day PHI for citrus**
- **Mites:** Apply when mite populations are at treatment thresholds; **also controls ACP nymphs and adults.**
- Good coverage is essential for control. **USE A MINIMUM OF 200 GPA** and a tractor ground speed (less than 2 mph) that allows for complete coverage.
- **Citrus Thrips:** Firm knockdown efficacy on nymphal and adult citrus thrips. Ideal option for pre-bloom or bloom applications. No bloom use restrictions.
- Use Rate for Thrips: **2 pts/A** Spray Volume: **100 to 200 gal/A** Tractor Speed: **2 mph**

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

Central Valley
South/Central Valley
North SJV
South SJV

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