

## RED SCALE DEGREE DAY ACCUMULATION\*

AREA	BIOFIX	DD TOTAL June 4, 2024	1650 DD Projected 2 <sup>nd</sup> Generation Crawler Emergence
Arvin	March 4	1037	6/28/23
Delano	March 4	1177	6/23/23
Lindcove	March 4	1130	6/26/23
Orange Cove	March 4	1002	7/3/23
Porterville	March 4	1035	6/28/23

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

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



Citrus Mealybug Nymphs

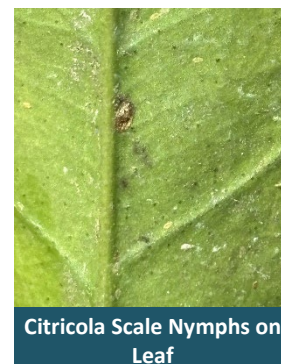


Cottony Cushion Scale Crawler Hatch

**FIELD NOTES:** The red scale crawler hatch is projected to be the last week of June for Tulare, Kings, and Kern County. For Fresno County, crawler hatch is projected to be the first week of July. Citrus thrips pressure has increased throughout the Valley. Adult citrus thrips are more present in citrus blocks but the majority of those observed are 1<sup>st</sup> instar thrips. Early season navels and certain mid-season navels are projected to harden off by mid-June. Late variety navels and mandarins are expected to harden off around July 1. Most Citricola scale crawlers have hatched and are settled on the foliage where they will remain feeding for the rest of the season until November. Centaur is effective on Citricola scale crawlers and settled 1<sup>st</sup> instars on the foliage from now through November. Two-spotted mites are starting to pick up on the leaves and fruit in citrus blocks, and with temperatures rising to triple digits next week, the mite pressure could increase even more. Cottony cushion scale crawler populations are being observed at 80-90% crawler emergence. Citrus mealybugs are also hatching and will continue to hatch through the middle of June.

### CENTAUR WDG

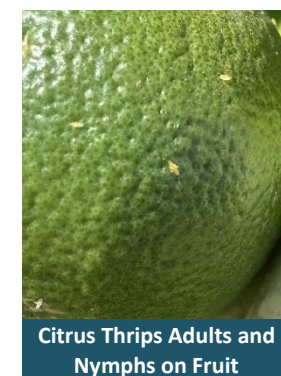
- Use Rate: **46 oz/A** Spray Volume: **500 to 1000 gal/A** Tractor Speed: **1 to 1.25 mph**
- **California Red Scale: Apply Centaur in late June to early July, targeting second generation crawler emergence (1650 DD)**
- To improve coverage on the foliage, add spray oil or a high-quality surfactant, 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.**
- **Centaur controls:** Red scale, Citricola scale, cottony cushion scale, and citrus mealybug



Citricola Scale Nymphs on Leaf

### 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.
  - Spray Volume for Citricola Scale: **500 to 1000 gal/A**
- Also controls katydid, aphid, Asian citrus psyllid, red mite, and contact activity on citrus mealybug



Citrus Thrips Adults and Nymphs on Fruit

### 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:** Excellent knockdown efficacy on nymphal and adult citrus thrips. Ideal option for light and synchronized thrips populations. 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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