



Luna  
SENSATION®

# Managing Almond Red Leaf Blotch with Luna Sensation® Fungicide

Red Leaf Blotch (RLB) caused by the fungal pathogen *Polystigma amygdalinum* is a new disease of California almonds that causes leaf defoliation.

## /// QUICK FACTS

- First detected May 29, 2024 in Merced County
- A new, invasive disease of almond in California
- Impact to Almond tree leaves, symptoms include small yellow spots that progress to more orange or reddish brown spots leading to premature defoliation of the leaves.
- Occurs in the spring as leaves begin to expand
- **Luna Sensation® Application Timing:** end of Bloom/Leaf Emergence, Petal Fall
- Unique to this disease: 30-40 day interval between infection and visual disease symptoms

## Early symptoms

□ Merced County, May 1<sup>st</sup>, 2025



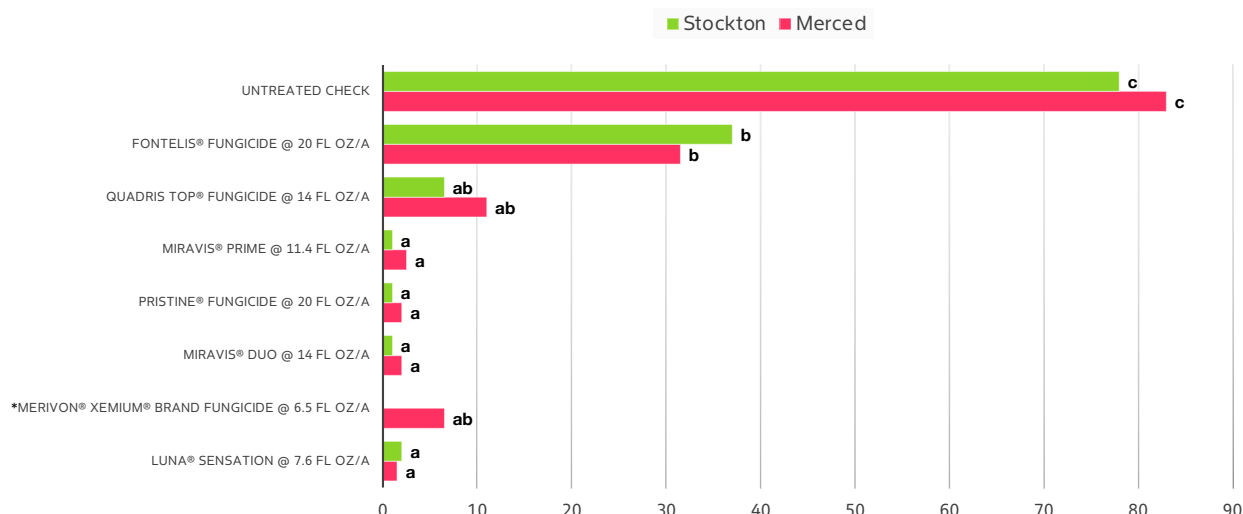
ROOTED TOGETHER: ALMOND PRODUCTION RESEARCH SUMMIT 2025



Photo courtesy of the Trouillas Lab at the University of California, Davis.

# Luna Sensation® Fungicide has Helped to Control Almond Red Leaf Blotch while Protecting Yield Potential in Almonds

Almond Red Leaf Blotch Red Incidence (%)

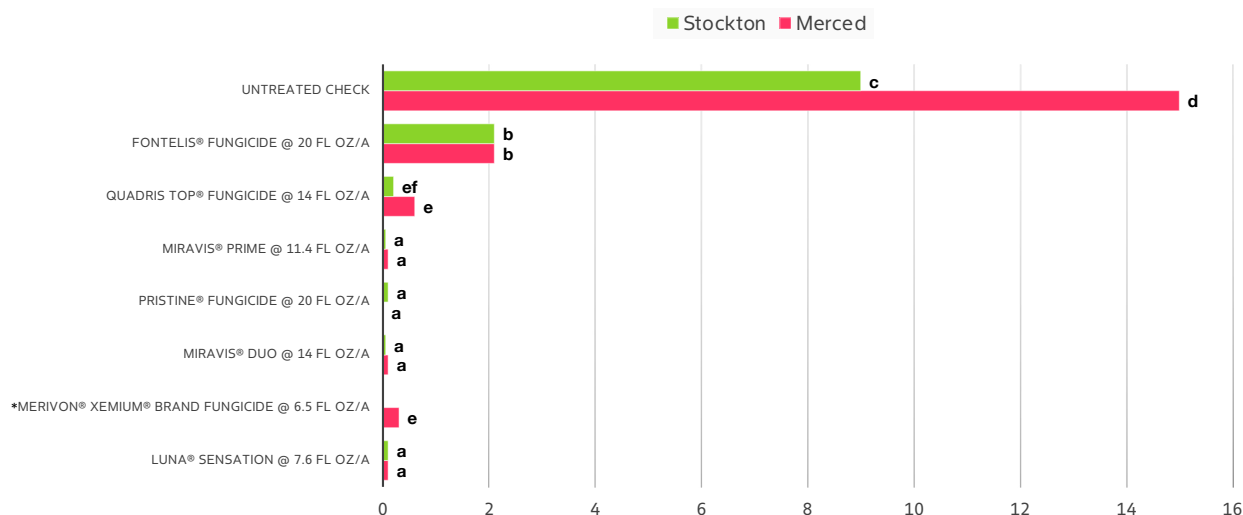


\*Not tested in Stockton location.

Means are the average of 4 replications.  
Means within a series with a letter in common are not significantly different (LSD t Test; P=0.05)

Trial FN25USAFXLTAH2 and FN25USAFXLTAH3 conducted by the Trouillas Lab at the University of California, Davis in 2025 in Merced, CA and Stockton, CA, respectively. Three foliar applications were made at petal fall, 2 weeks post-petal fall, and 5 weeks post-petal fall timings. Luna Sensation was applied only at petal fall and 2 weeks post-petal fall timings. NIS @ 0.125% v/v was added to all treatments.

Almond Red Leaf Blotch Red Severity (%)



\*Not tested in Stockton location.

Means are the average of 4 replications.  
Means within a series with a letter in common are not significantly different (LSD t Test; P=0.05)

Trial FN25USAFXLTAH2 and FN25USAFXLTAH3 conducted by the Trouillas Lab at the University of California, Davis in 2025 in Merced, CA and Stockton, CA, respectively. Three foliar applications were made at petal fall, 2 weeks post-petal fall, and 5 weeks post-petal fall timings. Luna Sensation was applied only at petal fall and 2 weeks post-petal fall timings. NIS @ 0.125% v/v was added to all treatments.

**IMPORTANT:** This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Not all products are registered for use in all states and may be subject to use restrictions. Performance may vary, from location to location and from year to year, as local growing, soil and environmental conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their growing environment. The recommendations in this material are based upon trial observations and feedback received from a limited number of growers and growing environments. These recommendations should be considered as one reference point and should not be substituted for the professional opinion of agronomists, entomologists or other relevant experts evaluating specific conditions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local dealer or representative for the product registration status in your state. Bayer, Bayer Cross and Luna Sensation® are registered trademarks of Bayer Group. All other trademarks are the property of their respective owners. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us). Bayer CropScience LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2025 Bayer Group. All rights reserved.

**Luna  
SENSATION®**

