

Quash® Fungicide for Almond Red Leaf Blotch Control

Quash® Fungicide is a highly effective foundation fungicide that delivers proven, broad spectrum performance for a planned rotation program in almonds, including control of red leaf blotch. *Quash* also provides highly rated control for other key almond diseases such as *Alternaria*, rust and scab.

- ▶ Broad spectrum performance
- ▶ Preventive protection before diseases strike
- ▶ Helps deliver on optimal yields and crop quality

Red Leaf Blotch in Almond Orchards

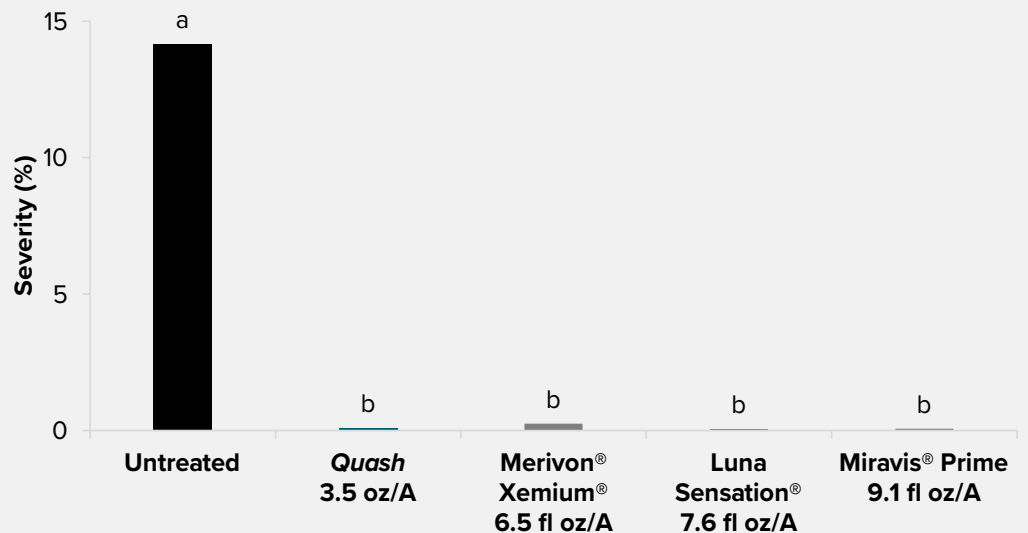
Red leaf blotch, caused by *Polystigma amygdalinum*, is a new disease to California almond producers. First confirmed in May 2024 in the northern San Joaquin Valley, red leaf blotch causes yellow spots on the upper and lower leaf surface that then turn orange with dark red centers. In an advanced stage, infected leaves turn necrotic, curl and drop from the tree, causing a reduction in photosynthetic capacity and ultimately yield. Typical disease symptoms of red leaf blotch on almond trees.



Quash Controls Red Leaf Blotch

In research trials, *Quash* reduced the **severity** of red leaf blotch on almond trees that was equal to the industry standards.

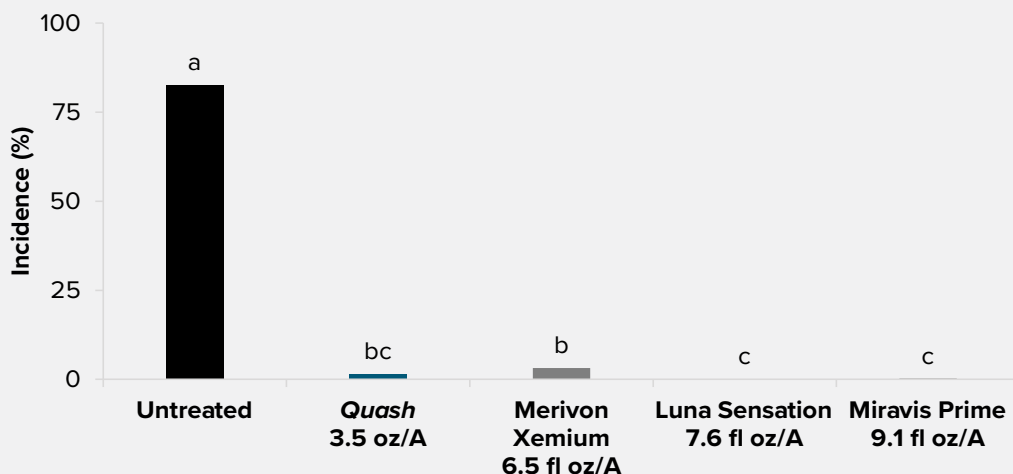
Variety: Nonpareil
Location: Merced, CA
Source: F. Trouillas, UC Davis



Quash Efficacy on Red Leaf Blotch

Quash reduced the **incidence** of red leaf blotch equal to, or greater than, the industry standards.

Variety: Nonpareil
Location: Merced, CA
Source: F. Trouillas, UC Davis



Preventive Fungicide Applications for Red Leaf Blotch

Only one primary infection cycle per season is known to exist in California for red leaf blotch. So, targeted and preventive fungicide applications early in the season are crucial. **Infection occurs after petal fall when young, tender leaves emerge and are hastened during rainy weather. This is when fungicide applications should be made.** Red leaf blotch symptoms become visible about 35 to 40 days later. **One to two additional fungicide applications may be needed two weeks and five weeks after the first application if cool, rainy weather persists.** These applications coincide with preventive applications for other almond diseases, such as shot hole and anthracnose. Applications after June, when warmer temperatures are prevalent, are not recommended for red leaf blotch.

How To Use

Rate	Apply 3.5 oz/A for red leaf blotch
Timing	Apply at petal fall with a second application 14 days later and third if needed
Method	Foliar spray (100–400 GPA by ground, 10 GPA by air)
Rainfast	2 hours
REI / PHI	12 hours / 25 days

Use Restrictions

- ▶ Do not make more than 2 sequential applications after petal fall before switching to a non-Group 3 fungicide for resistance management
- ▶ Do not make more than 4 applications per year or apply more than 14 oz per acre per year



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