Almond Hull Rot Management with Quash® Fungicide

Prevent hull rot from reducing your almond yields. Quash® Fungicide equips growers with a much-needed option in the fight against hull rot, an extremely tough-to-control, late-season disease that can significantly reduce yield in an unprotected almond crop.

Hull rot is caused by two fungi (*Monilinia* spp. and *Rhizopus stolonifer*) that can occur alone or in combination. Almond hulls are susceptible to hull rot from the beginning of hull split until hulls dry. Hull rot can be reduced by avoiding excess nitrogen fertilization and following cultural practices that increase uniformity of hull split and decrease drying time of the hulls without sacrificing yield or kernel quality*. This includes practicing deficit irrigation at hull split and maintaining that stress for two weeks after hull split.

In addition to cultural practices, *Quash* should be used to reduce the incidence of hull rot

- *Quash* is active against both of the fungi that cause hull rot: *Rhizopus stolonifer* and *Monilinia* spp.
- Apply *Quash* 2.5–3.5 oz/A at 2–3 weeks prior to hull split for *Monilinia* hull rot or at early hull split for *Rhizopus* hull rot

*2002, Integrated Pest Management for Almonds, 2nd ed., University of California Publication 3308

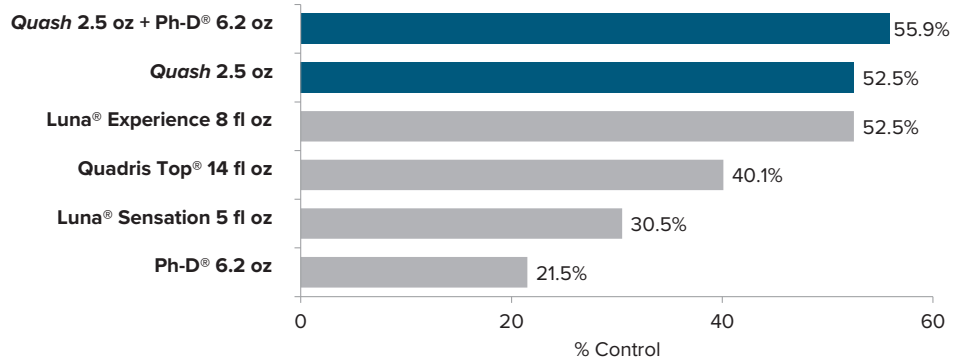
Symptoms and Signs of Hull Rot in Almonds

Rhizopus

Monilinia

Photos courtesy of B. Holtz, Univ. California, Coop. Ext. San Joaquin Co.

Quash—A More Effective Tool for Reducing Hull Rot



Source: Jim Adaskaveg, Univ. California, Riverside. Application at hull split; Equal proportion of Monilinia and Rhizopus

QUASH® FUNGICIDE

Quash delivers:

- Highly effective control on Alternaria, rust and scab, plus **hull rot suppression**
- Preventive protection for when diseases strike
- Helps deliver on optimal yields and crop quality

How To Use

Rate	• Apply 2.5–3.5 oz/A at 2–3 weeks prior to hull split for *Monilinia* hull rot or at early hull split for *Rhizopus* hull rot • Maximum of 2 sequential applications and no more than 4 applications per season
Timing	Prior to early hull split
Method	Foliar spray (100–400 gal/A by ground, 10 gal/A by air)
Rainfast	2 hours
PHI / REI	25 days / 12 hours

Disease	Petal Fall + 5 Weeks	May	June	July (Early Hull Split)
Anthracnose ★★★★★	✓	✓	✓	
Rust ★★★★★	✓	✓	✓	
Scab ★★★★	✓			
Alternaria ★★★★★	✓	✓	✓	
Hull Rot (Suppression) ★★★★			*Monilinia*	*Rhizopus*

Efficacy ratings are from the UC 2022 Efficacy and Treatment Timing of Fungicides for Deciduous Tree Fruit and Nut, Citrus, Strawberry and Vine Crops in California. ★★★★★ = excellent and consistent ★★★★ = good and reliable

Other Important Information

- Signal word: Caution
- *Quash* is not hazardous to arthropods, including honeybees
- FRAC Group 3 Fungicide

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Always read and follow label instructions.