

Almond Hull Rot Program

About Almond Hull Rot

Withering and dead leaves on shoots weeks before harvest indicates hull rot infection.

- *Monilinia produces brown areas on the hull with tan fungal growth on the inside or outside of the hull*
- *Rhizopus fungal growth is black and found on the inside of the hull. Dieback of shoots and fruiting wood can affect productivity of almond trees in future years*

Hull rot fungi infect almonds at the beginning of hull split up until the hulls dry which can last 10 days to 2 months depending on cultural practices.

Disease Management with OxiDate 5.0

Using OxiDate 5.0 as a stand-alone or adding it to any compatible tank mix provides a quick knockdown of pathogens to stop the spread of disease.

- *To manage hull rot, begin applications when almonds are between 1-5% hull split*
- *Use OxiDate 5.0 at a dilution rate of 1 gallon per 100 gallons of clean water on a 3 to 10-day spray interval until control is achieved. Apply a second application, mid-way through hull split especially if hull split is progressing slowly*

OxiDate 5.0's active ingredients have no known resistance, allowing for frequent applications with consistent results.

OxiDate 5.0 Application Program

Disease Conditions	Rate/100 gal	% v/v	Spray Schedule
First Sign of Symptoms	50 fl. oz.	0.39	3-10 days
Severe	1 gallon	1	3-5 days

Additional Resources

- *BioSafe Systems Almond Disease Technical Sheet*
- **OxiDate 5.0 Tank Mix Compatibility Guide*
- *OxiDate 5.0 FIFRA 2(ee) Tree Nut Recommendation*

Application Notes

Compatible Fungicides*	
Conventional	Quadris Top, Merivon, Luna Sensation, Abound, Quash, Pristine, Inspire
Organic	Regalia, Ph-D, Actinovate

For optimal performance, ensure thorough coverage of upper/lower foliage. Apply 100-200 gallons per acre of spray solution. Use a non-ionic surfactant.



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