

Almond Board of California - Disease Forecasts in cooperation with the University of California

Industry Advisory - Summary for the season

This will be the last advisory for the 2022 season. Disease risk assessments for Alternaria leaf spot, anthracnose, and bacterial spot are low for all growing regions of the state. As we head into the hull split stage of Nonpareil almonds and soon other varieties, the best strategy to limit hull rot is to: 1) do not over fertilize with nitrogen especially in the month before hull split; 2) provide balanced nutrition with potassium and phosphate foliar fertilizers in the weeks before and during hull split; 3) limit over-watering in the weeks before hull split and continue until harvest (i.e., practice regulated deficit irrigation); and 4) use recommended fungicides in the Navel Orange Worm or NOW insecticide applications. FRAC Codes 3, 7, 11, and 19 are effective against hull rot and fungicide products with these FRAC codes can be applied in tank mixtures with insecticides before symptoms are observed and should be used as protective treatments. Generally, 1 to 2 applications of fungicides are sufficient in an integrated program of cultural practices. In years with low crop yield estimates on any variety, no fungicide applications will be needed in these orchards.

I will continue to work with Semios and the Almond Board of California to make improvements to our disease risk forecasts and our weekly postings. In addition to Alternaria leaf spot, anthracnose, bacterial blast, and bacterial spot, we hope to have forecasts for other diseases such as scab in next year's program. We thank you for your patience in developing this program as we conclude our inaugural season and we look forward to next spring season.

The website <https://www.ag-radar.com> (password: Almondboard2022) displays actual and forecasted disease risk assessments for each region. Because these are regional forecasts, precipitation may vary with region and differ for the forecasted weather and diseases.

Please check <https://www.ag-radar.com> for up to date daily forecasts. Historical records and experience for specific locations should be considered.

"2022 Fungicide Efficacy Tables" were posted at <http://ipm.ucanr.edu/PDF/PMG/fungicideefficacytiming.pdf> on 3-21-22 and at <https://cfn-fungicides.ucr.edu/efficacy-tables> on 5-1-22.