

Almond Board of California Disease Forecasts 2026
in cooperation with Weather Mission, Inc. and Fox Weather, LLC

Table 1. 7-day disease risk forecasts for Wed., April 23 through Wed., April 29, 2026*

Valley	Location	Alternaria leaf spot (date, value, risk)^	Anthracoese (date, value, risk)^	Green fruit rot (date, precipitation, temp. during ppt, risk)^	Almond scab sporulation level (date, LW, precip, risk)	Bacterial spot (date, value, risk)^
Sacramento	Chico	0 (Season index=6)	0	4/26, 0.35 mm, 14 C, low	0	0
	Williams	0 (Season index=5)	0	0	0	0
San Joaquin	Modesto	0 (Season index=3)	0	0	0	0
	Merced	0 (Season index=2)	4/25, 0.07, low	4/26, 0.31 mm, 14.2 C, low	0	4/25, 0.39, low-mod.
	Madera	0 (Season index=7)	4/25, 0.12, low	4/26, 1.82 mm, 14.3 C, low	0	4/25, 0.27, low
	Fresno	0 (Season index=6)	4/25, 0.16, low	4/26, 1.56 mm, 14.9 C, low	0	4/25, 0.44, low-mod.
	Bakersfield	0 (Season index=18)	0	0	0	0

* - 7-day forecasts are based on temperature, precipitation, dew point, leaf wetness, and relative humidity which are provided by Weather Mission, Inc. and Fox Weather, LLC.

^ - Numerical risk is scaled as follows: 0 = no risk, 1 = action threshold. Color code for risk: **yellow** = low, **orange** = moderate, **red** = high.

Industry Advisory - Summary Forecast for Selected Almond Growing Regions

Sacramento Valley: FIVE-DAY: Shower and thunderstorm activity is expected across northern CA shortly after midnight on Tue, continuing through Wed afternoon. In the valley, rain totals may range from ½” to 2” (12 to 50 mm) overall. Winds will be southerly gusting at 12-18 mph Tue through mid-day Wed. Highs are expected in the low-mid 60s (15 to 18C) Tue to Wed, warming to the mid-upper 70s (25C) by Fri afternoon. Morning lows will be from the low-mid 50s (10 to 13C) on Tue, to the mid 40s (5 to 9C) on Thu, and the low 50s (10 to 12C) by the weekend.

San Joaquin Valley (SJV): FIVE-DAY: There will be dry conditions with some warming Thu and Fri, ahead of another late-season low-pressure system coming in from the Southwest by mid-day on Sat. Rain totals are expected to be minimal with less than a tenth of an inch (2 mm) across the SJV. Highs are expected to reach the mid-70s (22 to 25C) on Thu, mid 70s to 80F (24 to 27C) on Fri, then cool to the upper 60s to low 70s (20 to 22C) on Sat and Sun. Morning lows will be in the mid-40s (5 to 9C) on Thu, warming to the low 50s (10 to 11C) by the weekend. Winds will be light and northwesterly through the period with occasional afternoon gusts of 10 to 15 mph.

Disease forecasts for the coming week are shown in Table 1. With anticipated light rain and initial cool to warm temperatures, green fruit rot, anthracnose, and bacterial spot have low to medium risks in several regions (e.g., Chico, Williams, Merced, Madera, Fresno). For Bakersfield, there is no risk for any of these diseases. Historically, bacterial spot disease is most likely to develop on cv. Fritz and less likely on other cultivars. The repeated rainfall and temperatures above 16.7 (62 F) explain the risks for bacterial spot, green fruit rot, and anthracnose. Cool temperatures and low relative humidity values in the canopy reduce the risk of almond scab sporulation.

Scouting for diseases continues to be advised for green fruit rot, especially in cultivars with high flower density and tight fruit clusters, and for sporulation of scab lesions on green shoots but with cool temperatures during wetness periods, sporulation of scab lesions on twigs is unlikely to occur. Rust is likely to start sporulating and symptoms will appear as chlorotic, angular leaf spots on the upper leaf surface with rusty brown sporulation on the lower surface of the leaf arising from the angular leaf spots. Disease management strategies should be implemented when detection reaches 1% or 1 out of 100 leaves are infected and sporulating. Several fungicides are efficacious against rust including DMI (FRAC 3) and QoI (FRAC 11) products.

Table 2. Forecasted environments for April 23 through April 29, 2026*

Valley	Region	Avg daily temp range (°C) in canopy	Avg daily humidity range (%) for the week	Daily leaf wetnes (hr/day)							Daily rainfall (mm)						
				4/23	4/24	4/25	4/26	4/27	4/28	4/29	4/23	4/24	4/25	4/26	4/27	4/28	4/29
Sacramento	Chico	17.2 - 14.4	58.6 - 64.8	0	0	4	4	3	4	6	0.0	0.0	0.0	0.4	0.0	0.0	0.0
	Williams	14.4 - 17.5	57.7 - 67.4	3	4	5	5	8	7	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Joaquin	Modesto	14.5 - 17.2	57.1 - 67.5	5	5	5	4	5	7	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Merced	14.2 - 17.2	58.1 - 70.6	6	5	5	4	9	8	7	0.0	0.0	0.3	0.0	0.0	0.0	0.0
	Madera	13.9 - 17.1	58.9 - 72.6	6	5	6	4	9	7	6	0.0	0.0	1.7	0.1	0.0	0.0	0.0
	Fresno	15.1 - 17.9	51.8 - 65.8	0	0	0	0	5	4	4	0.0	0.0	1.5	0.0	0.0	0.0	0.0
	Bakersfield	14.3 - 17.2	46.1 - 59.9	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* Data were generated using Mission Weather, Inc. and Fox Weather, LLC. on-line forecasted reports.

Table 3. Weather summary for the past 5 days

Valley	Location	Temperature (C)										Rainfall (mm)		
		Normals		Sun 4/19		Mon 4/20		Tue 4/21		Wed 4/22		Thr 4/23		Tue 4/19 to Wed. 4/23
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total
Sacramento	Chico	7.2	23.3	7.8	24.4	10.6	26.1	11.1	18.3	10.0	15.6	9.4	17.8	77.5
	Willows	7.2	23.9	7.8	24.4	10.6	26.1	11.7	18.3	10.0	15.6	9.4	17.8	77.5
	Yuba City	10.0	24.4	7.2	23.9	10.0	23.3	7.8	20.0	10.0	15.0	10.0	17.8	41.1
	Sacramento	8.3	22.8	6.1	25.0	10.6	25.0	10.6	19.4	10.6	15.6	8.9	17.8	41.1
San Joaquin	Stockton	8.9	23.9	8.9	27.8	6.7	25.6	8.9	18.3	7.8	18.9	7.8	22.8	35.1
	Modesto	10.0	24.4	11.1	27.8	8.9	27.2	9.4	17.2	6.7	19.4	9.4	23.3	16.3
	Merced	8.3	25.0	8.9	28.9	8.3	28.9	9.4	15.6	5.0	19.4	8.9	23.3	36.3
	Madera	8.3	25.6	9.4	29.4	8.9	15.0	11.7	15.0	6.1	20.0	7.2	22.8	36.3
	Fresno	10.6	25.0	15.0	28.9	12.2	28.3	13.3	18.3	10.0	20.6	9.4	22.8	13.2
	Bakersfield	11.1	25.0	13.9	30.6	15.0	29.4	12.8	19.4	7.8	21.1	9.4	24.4	1.8

* Data were generated using Mission Weather, Inc.

The Weather Mission website displays past and forecasted environmental conditions for each region. Because these are regional forecasts, actual and predicted precipitation may vary among locations within each region. Additionally, historical records and experience for specific locations should be considered. This advisory will be updated weekly.

The website "2025 Fungicide Efficacy Tables" is available to optimize fungicide selection and applications

(<http://ipm.ucanr.edu/PDF/PMG/fungicideefficacytiming.pdf>).