

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 Thurs., April 16 through Wed., April 22, 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)	4/19+4/20, 2.31+0.15, high	4/19-4/22: 31.8 mm; 12.9-16.6 C, high	0	4/19-4/20, 5.54, 0.16, high
	Williams	0 (Season index=5)	4/19-4/21, 2.12+0.25+0.2, high	4/19-4/21: 21.4 mm; 13.4-16.6 C, high	0	4/19-4/21, 5.25, 0.54, 0.22, high
San Joaquin	Modesto	0 (Season index=3)	4/20- 4/21, 1.07+0.31, high	4/20-4/22: 17.9 mm; 14.2-16.0 C, high	0	4/20-4/21, 4.04, 1.24, high
	Merced	0 (Season index=2)	4/20- 4/21, 1.41+0.54, high	4/20-4/22: 12.6 mm; 13.9-16.3 C, high	0	4/20-4/21, 3.41, 0.72, high
	Madera	0 (Season index=7)	4/20- 4/21, 1.34+0.54, high	4/20-4/22: 10.6 mm; 14.1-16.6 C, high	0	4/20-4/21, 4.11, 1.26, high
	Fresno	0 (Season index=6)	4/21, 0.58, mod.	4/20-4/21: 4 mm; 15.3-17.3 C, high	0	4/21, 1.68, high
	Bakersfield	4/8+4/9, 1+1, low (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: A dry cold front drops into the valley from the North Thu morning, bringing potentially damaging winds gusting at 25 to 35 mph. High winds persist through Fri morning and then decrease. A large low-pressure system slowly approaches from the West Sun night, bringing widespread showers and isolated thunderstorms by sunrise Mon. Rain continues through the day as the low stalls over northern CA. Highs in the mid-60s (16 to 18C) Thu, increasing to the mid-70s (22 to 25C) Fri and Sat, then cool again to around 70 (21C) by Mon with increasing cloudiness and showers. Morning lows in the 40s (5-9C) Thu and Fri warm to low-mid 50s (10 to 13C by Sun.)

San Joaquin Valley (SJV): FIVE-DAY: A dry cold front sweeps North-central CA on Thu producing increased northwesterly winds in the SJV, especially west of I-5. Gusts of 17 to 22 mph much of the day, decreasing Fri. Morning lows will cool from the upper 40s-low 50s (9 to 11C) on Thu to the low-mid 40s (5 to 7C) Fri, and increase to the low-mid 50s (10 to 13C) by Sun. High temperatures cool to the upper 60s-low 70s (20 to 22C) Thu, warming back to the low-mid 80s (27 to 29C) by Sun with southerly wind ahead of the next low-pressure system. Latest models are delaying the arrival of this storm until overnight Mon. Showers currently expected to begin around 2AM Tue.

Disease forecasts for the coming week are shown in Table 1. With anticipated rain and initial cool to warm temperatures, green fruit rot, anthracnose, and bacterial spot have high risks in most regions (Chico, Williams, Modesto, Merced, Madera, Fresno), but for Fresno, risk for anthracnose is moderate. For Bakersfield, there is no risk for these diseases. The risk for Alternaria is low in Bakersfield and zero at all other locations. Historically, bacterial spot disease is most likely to develop on cv. Fritz and less likely on other cultivars. The high, repeated rainfall and temperatures above 16.7 (62 F) explain the risks for bacterial spot, green fruit rot, and anthracnose.

Because microclimates within a region can vary, scouting for diseases is always advised such as for green fruit rot, especially in cultivars with high flower density and tight fruit clusters, and for sporulation of scab lesions on green shoots. With cool temperatures during wetness periods, sporulation of scab lesions on twigs is unlikely to occur.

Table 2. Forecasted environments for April 16 through April 22, 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)						
				4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/16	4/17	4/18	4/19	4/20	4/21	4/22
Sacramento	Chico	12.9 - 16.6	35.1 - 79.5	0	0	1	5	23	14	10	0.0	0.0	0.0	4.3	16.3	9.9	1.3
	Williams	13.4 - 16.6	27.6 - 77.3	0	0	0	8	13	20	7	0.0	0.0	0.0	1.5	12.8	7.2	0.0
San Joaquin	Modesto	14.2 - 18.1	37.4 - 74.9	0	0	0	4	14	14	10	0.0	0.0	0.0	0.0	6.5	10.2	1.3
	Merced	13.9 - 18.4	41.9 - 75.2	0	2	0	0	7	14	11	0.0	0.0	0.0	0.0	3.8	8.3	0.4
	Madera	14.1 - 18.8	44.4 - 72.9	0	3	0	1	3	13	9	0.0	0.0	0.0	0.0	3.2	7.1	0.2
	Fresno	15.0 - 19.5	35.4 - 64.9	0	0	0	1	0	8	5	0.0	0.0	0.0	0.0	1.0	3.0	0.0
	Bakersfield	14.9 - 20.1	28.2 - 58.8	0	0	0	0	0	5	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		Sat 4/11		Sun 4/12		Mon 4/13		Tue 4/14		Wed 4/15		Tue 4/11 to Wed. 4/15	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	7.8	22.2	8.9	16.7	8.9	8.9	8.9	18.3	8.3	20.6	10.0	21.1	38.6	
	Willows	6.7	23.3	8.9	16.7	8.9	8.9	8.9	18.3	8.3	20.6	10.0	22.2	39.1	
	Yuba City	8.9	23.3	7.8	17.2	8.3	7.8	7.8	18.9	8.3	21.1	8.3	21.7	23.1	
	Sacramento	7.2	21.7	8.9	17.2	10.6	8.9	8.9	18.9	9.4	20.6	9.4	21.7	21.3	
San Joaquin	Stockton	7.8	22.8	10.0	19.4	10.0	16.1	9.4	18.9	6.7	21.7	7.2	21.7	19.8	
	Modesto	9.4	23.3	11.7	21.1	9.4	17.8	10.0	18.9	7.2	21.1	8.3	22.8	8.9	
	Merced	7.2	23.9	11.1	22.2	8.9	17.8	6.7	19.4	6.1	22.2	7.2	22.8	7.6	
	Madera	7.2	24.4	12.2	22.2	8.9	17.8	8.3	19.4	6.1	22.8	6.7	23.3	13.2	
	Fresno	9.4	23.3	12.2	23.3	11.1	19.4	10.6	20.0	8.9	22.2	9.4	24.4	5.3	
	Bakersfield	10.0	23.9	12.8	24.4	11.7	19.4	10.0	17.2	8.3	22.8	9.4	24.4	5.8	

* 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>).