

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 9 through Wed., April 15, 2026*

Valley	Location	Alternaria leaf spot (date, value, risk) [^]	Anthracoese (date, value, risk) [^]	Green fruit rot (date, precipitation, temp., risk) [^]	Almond scab sporulation level (date, LW, precip, risk)	Bacterial spot (date, value, risk) [^]
Sacramento	Chico	0 (Season index=6)	4/8+4/10, 0.06+0.11, low	4/10-4/12: 42.9 mm; 10-17 C, high	0	4/8-4/10, 0.34, mod.
	Williams	0 (Season=5)	4/10, 0.08, low	4/10-4/12: 24.9 mm; 11-17 C, high	0	4/10, 0.22, low
San Joaquin	Modesto	0 (Season index=3)	4/10-4/11, 0.6, mod.	4/10-4/13: 29.1 mm; 12.5-18.4 C, high	0	4/10-4/11, 1.99, high
	Merced	0 (Season index=2)	4/10-4/11, 0.6, mod.	4/10-4/13: 27.7 mm; 12.3-19.3 C, high	0	4/10-4/11, 1.87, high
	Madera	0 (Season index=7)	4/10, 0.24, low	4/10-4/13: 28.0 mm; 12.2-19.1 C, high	0	4/10, 0.6, mod.
	Fresno	0 (Season index=6)	4/12, 0.27, low	4/11-4/13: 14.5 mm; 13-20.5 C, mod.	0	4/12, 0.43, mod.
	Bakersfield	4/5+4/8, 1+1, low (Season index=16)	4/12, 0.16, low	4/11-4/13: 9.9 mm; 12.1-19.1 C, mod.	0	4/12, 0.26, low

* - 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 slow-moving low-pressure area moving into northern CA late Wed brings scattered light showers across the valley by early Thu with gradually increasing coverage and intensity through the weekend. Rain totals are expected to be less than ¼” (6 mm) Thu, then ¼” to ½” (6 to 12 mm) Fri, and ½” (12 mm) or more Sat. Showers taper off Sun night with dry conditions Mon. High temperatures are in the mid-upper 70s (21 to 26C) Thu, to low-mid 60s (16 to 18C) by Sun afternoon. Morning lows will drop from the mid-50s (~ 13C) Thu and Fri, to mid-40s (~ 7C) by Mon. Light southerly winds on Thu gradually increase to gusts of 20 to 30 mph (33 to 48 km/h) all day Sat.

San Joaquin Valley (SJV): FIVE-DAY: Some isolated showers possible in the far North valley Thu, ahead of a slowly advancing low-pressure system. Scattered light to moderate showers spread across the SJV early Fri morning, with rain chances continuing through the weekend. Latest models increase rain totals for the combined event, ranging from 1/3” (8 mm) in Bakersfield to 1” (24 mm) in Stockton by Sun evening. Thunderstorms are possible North of Hanford Fri afternoon and evening. Highs drop from the low 80s (~27C) Thu, to mid-upper 60s (18 to 20C) by Sun afternoon, while morning lows drop from the low to mid 50s (10 to 12C) Thu to Sat to the mid-40s (~7.2 C) by Mon. Strongest winds expected on Sat, gusting at 20 to 28 mph (33 to 45 km/h) in the North valley.

Disease forecasts for the coming week are shown in Table 1. With anticipated rain and initial cool to warm temperatures, green fruit rot caused by *Botrytis cinerea* has a high risk in most regions (Chico, Williams, Modesto, Merced, Madera) and a moderate risk in Fresno and Bakersfield. Anthracnose is at a moderate risk in Modesto and Merced, and at low risk for the other regions due to the cooler environment. 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. Overall, however, Alternaria leaf spot has a zero risk in most regions and a low risk in Bakersfield with seasonal accumulations remaining the same as last week. Bacterial spot has a high risk in Modesto and Merced, a moderate risk in Chico, Madera, and Fresno, and a low risk in Williams, and Bakersfield. Historically, bacterial spot disease is most likely to develop on cv. Fritz and less likely on other cultivars. With cool temperatures during wetness periods, sporulation of scab lesions on twigs is unlikely to occur.

Table 2. Forecasted environments for April 9 through April 16, 2026*

Valley	Region	Avg daily temp range (°C) in canopy	Avg daily humidity range (%) for the week	Daily leaf wetness and precipitation (hr/day and total/day in mm)							
				4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16
Sacramento	Chico	10.4 - 17.9	59.5 - 85.9	10,0	17,2.1	24,20.2	20,12.2	7,0.02	6,0	5,0	0,0
	Williams	10.9 - 17.6	59.2 - 83.0	9,0	15,0	20,10.2	16,8.7	9,0	8,0	6,0	2,0
San Joaquin	Modesto	12.2 - 18.9	66.2 - 81.4	11,0.3	13,4.6	16,8.8	21,10.9	9,0.65	8,0	9,0	9,0
	Merced	12.0 - 19.7	65.9 - 83.2	11,1.2	13,3.4	14,8.7	22, 14.2	11,0.7	10,0	9,0	11,0
	Madera	12.0 - 19.5	64.8 - 82.8	10,0.5	13,0.8	13,5.8	21,15.8	11,1.3	10,0	10,0	11,0
	Fresno	13.0 - 20.3	59.8 - 73.5	7,0	9,0	10,3.9	11,9.3	8, 1.8	7,0	2,0	6,0
	Bakersfield	12.1 - 18.3	59.2 - 70.1	3,0	8,0	9,0.3	9,11.1	8,0.8	6,0	2,0	6,0

* 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 4/4		Sun 4/5		Mon 4/6		Tue 4/7		Wed 4/8		Tue 4/4 to Wed. 4/8
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total
Sacramento	Chico	6.67	21.1	7.78	28.3	9.44	28.9	10.6	28.9	10.6	24.4	11.1	27.8	0
	Willows	6.11	22.2	7.78	28.3	9.44	28.9	10.6	28.9	10.6	24.4	11.1	27.8	0
	Yuba City	8.33	22.8	7.78	28.3	8.33	29.4	8.33	28.9	10	25	10.6	28.3	0
	Sacramento	7.78	21.1	7.22	26.7	8.89	27.8	8.33	27.2	10	25	8.33	27.2	0
San Joaquin	Stockton	7.22	21.7	6.11	28.3	8.33	30	10.6	27.8	7.78	25.6	8.89	27.8	0
	Modesto	8.89	22.2	7.78	27.2	11.7	29.4	14.4	28.3	10.6	25.6	10.6	29.4	0
	Merced	6.67	22.8	7.22	28.3	5.56	29.4	10.6	28.9	8.33	27.2	8.33	29.4	0
	Madera	6.67	23.3	6.67	27.8	7.22	30.6	9.44	30	7.78	28.3	7.78	29.4	0
	Fresno	8.89	22.2	10.6	27.8	12.2	31.1	15	30	11.1	28.3	11.1	29.4	0
	Bakersfield	9.44	22.8	8.89	28.9	11.7	31.7	16.1	30	13.9	27.8	11.7	28.9	0

* 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>).