

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 1 through Wed., April 8, 2026*

Valley	Location	Alternaria leaf spot (date, value, risk) [^]	Anthracoze (date, value, risk) [^]	Green fruit rot (date, precipitation, temp., risk) [^]	Bacterial blast (date, value, risk) [^]	Bacterial spot (date, value, risk) [^]
Sacramento	Chico	3/30, 1, low (Season index=6)	3/31, 0.07, low	3/31-4/1: 3.8 mm; 14.4-15.8 C, low	0	3-31, 0.3, low-med.
	Williams	3/25, 3, low (Season=5)	3/31, 0.08, low	3/31-4/1: 5.1 mm; 14.4-15.1 C, med.	0	3-31, 0.29, low
San Joaquin	Modesto	3/25, 1, low (Season index=3)	0	3/31-4/2: 11.3 mm; 13.8-15.5 C, high	0	3-31, 0.12, low
	Merced	3/25, 1, low (Season index=2)	0	4/1-4/2: 0.1 mm; 16.2-16.5 C, low	0	0
	Madera	3/25, 4, mod. (Season index=7)	3/31, 0.06, low	3/31-4/1: 0.6 mm; 16.2-16.6 C, low	0	3-31, 0.1, low
	Fresno	3/25, 3, low (Season index=6)	0	3/31-4/1: 1.9 mm; 16.2-16.3 C, low	0	0
	Bakersfield	3/25, 9, high (Season index=14)	3/31, 0.15, low	3/31-4/1: 3.7 mm; 16.7-17.5 C, low	0	3-31, 0.44, mod.

* - 7-day forecasts are based on temperature, precipitation, dewpoint, 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: Morning lows cool to the low-mid 40s (low teens °C) Thu, then gradually warm to the low-mid 50s (low teens °C) by Sun. Highs in the mid-60s (high teens °C) most of Thu afternoon warming back to the low-mid 80s (high 20s °C) by Sun. An isolated light shower is possible over Redding and the Sierra foothills Thu morning but otherwise, dry conditions prevail Thru and the weekend.

San Joaquin Valley (SJV): High-pressure strengthens over the West coast producing a steady warming trend in the SJV through the weekend. There will be increasing onshore winds and temperatures will cool starting Mon. April 6. Highs will be in the 70s (~23°C) on Fri April 3, warming to the mid-80s (~27°C) by Sun afternoon, dropping back to the upper 70s-low 80s (~26°C) by Tue, April 7. Morning lows will be in the low-mid 40s (~5-6°C) on Fri, warming to mid-upper 50s (mid-teens °C) by Mon, then low-mid 50s (low teens °C) by Tue.

Disease forecasts for the coming week are shown in Table 1. Most diseases are forecasted to be low risk but high risk is possible for Alternaria leaf spot in Bakersfield and for green fruit rot in Modesto. Moderate risks are forecasted for Alternaria leaf spot in Madera, for green fruit rot in Williams, and for bacterial spot on cv. Fritz in Bakersfield. Low precipitation is forecasted for all regions and leaf wetness is extended for Merced, Madera, and Fresno that could lead to leaf and fruit diseases. Scouting for Alternaria leaf spot in Bakersfield and for green fruit rot in Modesto, especially in cultivars with high flower density and tight fruit clusters, is advised. Scab lesions on green shoots should be monitored for any sporulation.

Table 2. Forecasted environments for April 1 through April 8, 2026*

Valley	Region	Avg daily temp range (°C) for the week	Avg daily humidity range (%) for the week	Leaf wetness (date - hours)	Total precip. (mm)
Sacramento	Chico	12.5 - 19.4	43.1 - 78.3	4/1-10, 4/7-7, 4/8-7	1.9
	Williams	13.0 - 19.8	31.4 - 75.6	4/1-2, 4/7-7, 4/8-6	0.1
San Joaquin	Modesto	68.3 - 72.5	51.9 - 75.4	4/1-12, 4/3-7, 4/4-6, 4/7-6, 4/8-9	2.4
	Merced	136.5 - 19.1	53.4 - 70.6	4/1-11, 4/2-6, 4/3-7, 4/4-2, 4/7-6, 4/8-9	0.1
	Madera	13.3 - 19.5	51.5 - 72.7	4/1-12, 4/2-4, 4/3-9, 4/4-7, 4/7-6, 4/8-10	0.0
	Fresno	14.2 - 20.2	44.5 - 72.45	4/1-9, 4/2-2, 4/3-5, 4/4-1, 4/7-2, 4/8-6	0.1
	Bakersfield	14.4 - 19.9	36.7 - 68.9	4/1-11	0.1

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

Unexpected rainfall occurred in the past week on Tuesday 3/31 and Wednesday 4/1 (Table 3). Warm temperatures and wet conditions, especially in the Sacramento Valley and northern San Joaquin Valley, favor diseases. We will monitor disease outbreaks in our orchards where we have trials and in samples submitted by PCAs and Farm Advisors for diagnosis.

Table 3. Weather summary for the past 5 days

Valley	Location	Temperature (F)												Rainfall (in)	
		Normals		Sat 3-28		Sun 3-29		Mon 3-30		Tue 3-31		Wed 4-1		Tue 3-31	Wed 4-1
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	Total
Sacramento	Chico	43	69	49	84	53	85	56	78	56	69	55	64	0.28	0.05
	Willows	43	71	49	84	53	85	56	78	56	69	55	67	0.28	0.05
	Yuba City	46	71	50	85	55	88	53	78	56	70	55	63	0.38	0.03
	Sacramento	45	69	49	83	53	87	54	76	57	68	55	63	0.44	0.11
San Joaquin	Stockton	45	70	47	84	50	88	54	82	57	66	54	68	0.25	0.13
	Modesto	47	71	52	84	62	87	53	82	56	67	54	72	0.44	0.11
	Merced	44	72	50	85	51	85	50	84	57	67	49	72	0.02	0
	Madera	44	73	50	86	49	86	53	86	55	67	49	74	0.05	0
	Fresno	47	71	59	87	56	85	60	85	57	69	54	74	0.07	0
	Bakersfield	48	71	60	87	61	87	59	86	54	74	54	75	0.07	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>).