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 Thu., April 30 through Wed., May 7, 2026*

Valley	Location	Alternaria leaf spot (date, value, risk)^	Anthracnose (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)	5/4, 0.21 **low**	5/4-5/5: 3 mm; 15.5-17.2 C, **low**	0	5/4, 0.54, **low**
	Williams	0 (Season index=5)	0	5/5: 0.9 mm; 17.5 C, **low**	0	0
San Joaquin	Modesto	0 (Season index=3)	0	0	0	0
	Merced	0 (Season index=2)	0	0	0	0
	Madera	0 (Season index=7)	5/1, 0.06, **low**	0	0	0
	Fresno	0 (Season index=6)	0	0	0	0
	Bakersfield	4/29, 2, **low** (Season index=20)	0	5/5: 0.2 mm; 15.5 C, **low**	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: Afternoon high temperatures will be in the mid-upper 80s (29 to 32C) Thu-Fri, and then cool to the low 70s (21C) by Mon. A low-pressure system stalls just off the coast pushing moisture into the region with rain chances in the North valley starting on Sun morning, expanding into the rest of the forecast area by Mon morning. Showers will be light and spotty. Morning lows will increase from the low 50s (11C) on Thu to the mid-upper 50s (13 15C) by Sat and Sun, and the mid 50s (13C) on Mon.

San Joaquin Valley (SJV)*:* FIVE-DAY: Dry conditions with continued warming through Sat will be followed by a steady cooling trend on Sun and Mon. As the low pressure system off the coast of SoCal dissipates eastward, a larger one will develop down the West coast, stalling off of central CA this weekend. There is unlikely to be measurable precipitation in the valley until perhaps on Mon evening when the low moves inland. Highs may drop to the mid-70s (24C) by Mon. Morning lows will be in the 50s (11 to 13C) through the period, but some low 60s (17 to C) are possible in the South valley on Sat.

Disease forecasts for the coming week are shown in Table 1. With no or low rain anticipated and cool to warm temperatures, most disease risks are zero for the coming week. Green fruit rot has low risk in Chico, Williams, and Bakersfield. The current risk for Alternaria is low in Bakersfield with a seasonal index accumulation of 20 and zero at all other locations. Anthracnose is at low risk for Chico and Madera regions, whereas bacterial spot is at low risk in the Chico area. Historically, bacterial spot disease is most likely to develop on cv. Fritz and not on other cultivars. Because microclimates within a region can vary, scouting for diseases is always advised. Sporulation of scab lesions on green shoots is unlikely with cool temperatures during wetness periods.

Rust is likely to develop considering in the last few weeks the amount of rainfall that occurred. The pathogen will start sporulating any time in April and May 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 in a randomized sampling of leaves across an orchard are infected and sporulating. Several fungicides are efficacious against rust including DMI (FRAC 3) and QoI (FRAC 11) products.

Table 2. Forecasted environments for May 1 through May 7, 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)						
				5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/1	5/2	5/3	5/4	5/5	5/6	5/7
Sacramento	Chico	15.5 - 21.1	56.5 - 65.8	0	0	0	**6**	**4**	**4**	**5**	0.0	0.0	0.0	**2.6**	**0.4**	0.0	0.0
	Williams	16.0 - 21.6	55.2 - 64.2	**4**	**5**	**3**	**8**	**6**	**5**	0	0.0	0.0	0.0	0.0	**0.9**	0.0	0.0
San Joaquin	Modesto	16.1 - 20.7	52.4 - 60.2	0	**4**	0	0	**4**	**3**	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Merced	16.1 - 21.4	53.0 - 60.8	0	0	0	**3**	**5**	**4**	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Madera	15.8 - 21.6	53.6 - 62.1	**2**	0	0	**4**	**5**	**5**	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fresno	16.4 - 22.4	45.0 - 55.9	0	0	0	0	**2**	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Bakersfield	15.5 - 22.2	41.9 - 57.1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	**0.2**	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

		Temperature (C)												Rainfall (mm)
		Normals		Sat 4/25		Sun 4/26		Mon 4/27		Tue 4/28		Wed 4/29		Tue 4/25 to Wed. 4/29
Valley	Location	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total
Sacramento	Chico	8.9	24.4	11.1	18.9	10.6	18.3	7.2	20.0	10.0	22.8	11.7	27.2	1.8
	Willows	8.3	25.0	11.1	18.9	10.6	18.3	7.2	20.0	10.0	22.8	11.7	27.2	1.8
	Yuba City	10.6	25.6	10.6	18.3	10.6	18.9	8.3	20.6	10.0	23.9	9.4	27.2	0.0
	Sacramento	8.9	23.9	10.6	17.8	10.0	18.9	10.0	20.0	10.0	23.3	8.9	26.7	0.0
San Joaquin	Stockton	9.4	25.0	9.4	18.3	10.6	17.8	7.8	20.6	7.8	23.9	8.9	26.7	0.5
	Modesto	13.9	25.0	10.6	18.3	10.0	15.0	7.8	20.6	8.9	23.3	11.7	27.2	3.3
	Merced	8.9	26.1	9.4	17.8	10.0	17.2	8.9	20.6	8.3	23.9	10.6	27.2	0.8
	Madera	8.9	26.7	10.0	17.8	9.4	17.8	8.3	20.0	7.2	23.9	8.3	26.7	6.4
	Fresno	11.1	26.1	11.1	18.3	11.1	16.7	10.6	20.0	10.0	23.9	11.7	26.7	16.5
	Bakersfield	11.7	26.1	10.6	20.0	10.6	18.3	9.4	18.9	7.8	26.1	11.7	26.7	4.1

* 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).