

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., May 8 through Wed., May 14, 2026*

Valley	Location	Alternaria leaf spot (date, value, risk)^	Anthracnose (date, value, risk)^	Almond scab sporulation level (date, LW, precip, risk)	Bacterial spot (date, value, risk)^
Sacramento	Chico	5/1-5/7, 7, high (Season index=13)	0	0	0
	Williams	5/5-5/6, 2, low (Season index=7)	0	0	5/5, 0.03, low
San Joaquin	Modesto	0 (Season index=3)	0	0	0
	Merced	0 (Season index=2)	0	0	0
	Madera	5/1, 1, low (Season index=8)	0	0	0
	Fresno	0 (Season index=6)	0	0	0
	Bakersfield	4/30-5/1, 5/6, 3, low (Season index=23)	0	0	5/5, 0.05, 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. Dates with index increases in the past week are shown.

^ - 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 warming trend continues into next week with strong high-pressure system. Daily highs climb from the mid-80s (29C) in most areas to around 100F (38C) by Mon afternoon. Morning lows will warm from the low-upper 50s (11 to 15C) to the low-mid 60s (16 to 18C) by Mon. Winds will be light and variable during the period.

San Joaquin Valley (SJV): FIVE-DAY: There will be a continuous warming through the weekend as an unseasonably strong high-pressure system builds over the West coast. Daily highs will climb from the upper 80s-low 90s (31 to 33C) to the low 100s (38C) by Mon afternoon. Morning low temperatures will increase from the mid-50s (13C) in most areas to the mid-60s (18C) by Mon. Winds will be light and northwesterly during the period with occasional afternoon gusts.

Disease forecasts for the coming week are shown in Table 1. With no anticipated rain and warm temperatures, most disease risks are zero to low for the coming week. The current risk for Alternaria is high for Chico with a seasonal index accumulation of 13. Still, Bakersfield has the highest seasonal index of 23, but with low increase for the coming week, the risk is low. The risk is also low for Madera and Williams. Historically, bacterial spot disease is most likely to develop on cv. Fritz rather than other cultivars. Williams and Bakersfield are at low risk for bacterial spot. Because microclimates within a region can vary, scouting for diseases is always advised. Sporulation of scab lesions on green shoots is more likely with warm temperatures, but for this, high humidity is necessary and accumulated hours with >95% RH is low for the coming week. Again, scouting orchards that have high humidity due to irrigation or are located near waterways is advised.

Rust is likely to develop considering that in the last few weeks some rainfall has occurred. The pathogen will start sporulating any time in April and May, and symptoms will appear as chlorotic, angular spots on the upper leaf surface with rusty-brown sporulation on the lower surface of the leaf arising from the angular spots. Disease management strategies should be implemented when detection reaches 1% or 1 infected, sporulating leaf out of 100 leaves in a randomized sampling across an orchard. Several fungicides are efficacious against rust including DMI (FRAC 3) and Qol (FRAC 11) products.

Table 2. Forecasted environments for May 8 through May 14, 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)					
				5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/8	5/9	5/10	5/11	5/12	5/13	5/14
Sacramento	Chico	21.9 - 25.9	40.7 - 64.1	2	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Williams	21.5 - 25.9	39.9 - 61.8	5	4	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Joaquin	Modesto	19.6 - 25.0	41.5 - 57.2	3	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Merced	21.1 - 25.4	41.8 - 54.9	4	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Madera	21.6 - 26.0	39.6 - 54.8	4	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fresno	22.6 - 26.2	34.1 - 47.0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Bakersfield	22.7 - 26.9	27.5 - 46.6	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 3A. Weather summary for the past 5 days (Metric)

Valley	Location	Temperature (C)										Rainfall (mm)			
		Normals		Sat 5/2		Sun 5/3		Mon 5/4		Tue 5/5		Wed 5/6		Tue 5/2 to Wed 5/6	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	10.0	25.6	15.0	26.1	12.2	18.3	12.2	16.1	12.2	18.9	15.6	27.8	3.8	
	Willows	9.4	26.1	15.0	26.1	12.2	18.3	12.2	16.1	12.2	18.9	15.6	28.3	3.8	
	Yuba City	11.7	26.7	13.3	24.4	12.2	20.0	11.7	16.1	11.7	20.0	15.0	27.2	16.0	
	Sacramento	10.0	25.0	12.2	21.7	12.2	21.7	11.7	15.6	11.7	19.4	14.4	25.0	20.8	
San Joaquin	Stockton	10.0	26.1	11.7	22.8	12.2	22.2	12.8	18.3	11.7	17.8	10.0	26.1	2.8	
	Modesto	11.1	26.7	13.3	25.0	12.2	22.8	13.3	15.6	11.7	18.3	11.1	26.7	2.8	
	Merced	10.0	27.2	12.2	27.2	11.7	23.3	13.3	17.8	11.7	19.4	10.0	26.7	0.0	
	Madera	10.0	27.8	12.2	29.4	11.7	23.3	12.2	16.7	11.7	20.6	9.4	26.7	0.3	
	Fresno	12.2	27.2	16.1	31.7	13.3	24.4	13.3	16.1	11.7	21.1	12.2	27.2	1.0	
	Bakersfield	12.8	27.2	16.1	33.3	12.2	24.4	12.8	21.1	13.3	20.0	10.6	26.7	0.3	

* Data were generated using Mission Weather, Inc.

Table 3B. Weather summary for the past 5 days (English)

Valley	Location	Temperature (F)										Rainfall (in)			
		Normals		Sat 5/2		Sun 5/3		Mon 5/4		Tue 5/5		Wed 5/6		Tue 5/2 to Wed 5/6	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	50	78	59	79	54	65	54	61	54	66	60	82	0.15	
	Willows	49	79	59	79	54	65	54	61	54	66	60	83	0.15	
	Yuba City	53	80	56	76	54	68	53	61	53	68	59	81	0.63	
	Sacramento	50	77	54	71	54	71	53	60	53	67	58	77	0.82	
San Joaquin	Stockton	50	79	53	73	54	72	55	65	53	64	50	79	0.11	
	Modesto	52	80	56	77	54	73	56	60	53	65	52	80	0.11	
	Merced	50	81	54	81	53	74	56	64	53	67	50	80	0	
	Madera	50	82	54	85	53	74	54	62	53	69	49	80	0.01	
	Fresno	54	81	61	89	56	76	56	61	53	70	54	81	0.04	
	Bakersfield	55	81	61	92	54	76	55	70	56	68	51	80	0.01	

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>).