

Almond Board of California Disease Forecasts 2026
in cooperation with Mission Weather, Inc. and Fox Weather, LLC

Table 1. 7-day disease risk forecasts for Thu., May 14 through Thur., May 21, 2026*

Valley	Location	Alternaria leaf spot (date, value, risk) [^]	Anthraco-nose (date, value, risk) [^]	Almond scab sporulation level (date, LW, precip, risk)	Bacterial spot (date, value, risk) [^]
Sacramento	Chico	5/8-5/13, 9, high (Season index=22)	0	0	0
	Williams	5/8-5/13, 7, high (Season index=14)	0	0	0
San Joaquin	Modesto	5/10, 1, low (Season index=4)	0	0	0
	Merced	0 (Season index=2)	0	0	0
	Madera	5/8-5/13, 6, mod. (Season index=14)	0	0	0
	Fresno	5/8-5/13, 2, low (Season index=8)	0	0	0
	Bakersfield	5/8-5/13, 13, high (Season index=36)	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. 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: Temperatures across the valley will increase by about 10F above average on Thu and Fri to the upper 80s (32C) and low 90s (33C). Temperatures will cool to the low-mid 80s (29C) on Sat as a dry, cold front and increased onshore wind-flow arrive. Warming returns on Sun, and highs will be near 90F (32C) again by Mon afternoon. Morning lows will be in the 50s (11 to 14C) on Thu and increase to the mid-50s to low 60s (12 to 17C) on Fri and remain there into next week. On Thu, there will be northwesterly winds with morning and evening gusts of 15 to 18 mph, strengthening to 20 to 25 mph on Fri morning. Winds will increase to 25 to 30 mph on Sun and Mon.

San Joaquin Valley (SJV): FIVE-DAY: High-pressure rebounds, but some cooling is expected on Sat and Sun as onshore flow moves through the delta. High temperatures in the valley increase to the low 90s (33C) in most areas on Thu, then to the low-mid 90s (33 to 35C) on Fri afternoon before cooling back to the mid-80s (29C) over the weekend. Temperatures are expected to be in the low 90s (33C) again on Mon. Morning lows will be in the mid- to upper 50s (13 to 15C) throughout the period. Light to moderate northwesterly winds prevail throughout the coming weekend with occasional gusts of 15 to 20 mph.

Disease forecasts for the coming week are shown in **Table 1**. With no anticipated rain and warm temperatures, most disease risks are zero for the coming week. The current risk for Alternaria leaf spot is high for Chico, Williams, and Bakersfield with seasonal index accumulations of 22, 14, and 36, respectively. The risk is moderate for Madera, low for Modesto and Fresno, and zero for Merced. When the disease index increases by 8 or more, disease management strategies should be implemented. A seasonal index of 36 suggests at least 4 infection periods. Fungicides with FRAC Codes of 19, 3/7, 3/11, 7/11, or 7/12 should be rotated in 21-day intervals. Because microclimates within a region can vary, scouting for diseases is always advised. Orchards that have high humidity due to irrigation or are located near waterways are more likely to have favorable environments for foliar diseases.

Rust has been reported in almond orchards this past week as predicted in the last two weekly disease forecasts. The pathogen first sporulated in April and May, and chlorotic, angular spots on the upper leaf surface with rusty-brown sporulation on the lower surface can now be observed. 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 QoI (FRAC 11) products.

Table 2. Forecasted environments for May 15 through May 21, 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)						
				5/15	5/16	5/17	5/18	5/19	5/20	5/21	5/15	5/16	5/17	5/18	5/19	5/20	5/21
Sacramento	Chico	20.5 - 25.7	20.7 - 27.4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Williams	21.2 - 25.6	18.2 - 28.6	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Joaquin	Modesto	20.6 - 25.0	21.1 - 42.0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Merced	19.9 - 24.5	23.9 - 43.2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Madera	19.5 - 24.4	25.9 - 43.9	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fresno	20.2 - 25.2	22.7 - 37.9	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Bakersfield	19.7 - 24.8	23.1 - 36.2	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 5/9		Sun 5/10		Mon 5/11		Tue 5/12		Wed 5/13		Tue 5/9 to Wed 5/13	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	10.6	26.7	16.1	31.1	16.1	31.1	17.8	34.4	17.2	32.8	13.9	29.4	0.0	
	Willows	10.0	27.2	16.1	31.1	16.1	31.1	17.8	34.4	17.2	32.8	13.9	29.4	0.0	
	Yuba City	12.8	27.8	14.4	31.1	14.4	31.1	14.4	33.9	16.1	33.3	13.9	30.0	0.0	
	Sacramento	10.6	26.1	13.3	31.1	13.3	30.0	12.8	33.3	14.4	30.6	12.8	27.8	0.0	
San Joaquin	Stockton	11.1	27.2	11.1	31.7	12.2	32.2	12.8	34.4	13.9	31.1	13.3	27.8	0.0	
	Modesto	12.2	27.8	13.9	31.7	14.4	31.7	16.1	34.4	17.2	32.2	14.4	29.4	0.0	
	Merced	10.6	28.3	12.8	32.2	13.9	32.2	16.1	36.1	15.6	35.0	11.7	29.4	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	0.0	
	Fresno	12.8	28.3	15.0	31.7	17.8	34.4	18.9	36.7	20.0	36.1	15.6	30.6	0.0	
	Bakersfield	13.9	28.3	16.7	32.2	18.9	34.4	20.6	37.2	21.7	37.8	13.9	31.1	0.0	

* 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 5/9		Sun 5/10		Mon 5/11		Tue 5/12		Wed 5/13		Tue 5/9 to Wed 5/13	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	51	80	61	88	61	88	64	94	63	91	57	85	0	
	Willows	50	81	61	88	61	88	64	94	63	91	57	85	0	
	Yuba City	55	82	58	88	58	88	58	93	61	92	57	86	0	
	Sacramento	51	79	56	88	56	86	55	92	58	87	55	82	0	
San Joaquin	Stockton	52	81	52	89	54	90	55	94	57	88	56	82	0	
	Modesto	54	82	57	89	58	89	61	94	63	90	58	85	0	
	Merced	51	83	55	90	57	90	61	97	60	95	53	85	0	
	Madera	50	82	54	85	53	74	54	62	53	69	49	80	0	
	Fresno	55	83	59	89	64	94	66	98	68	97	60	87	0	
	Bakersfield	57	83	62	90	66	94	69	99	71	100	57	88	0	

The Mission Weather 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>).