

**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 21 through Thur., May 28, 2026\*

Valley	Location	Alternaria leaf spot (date, value, risk) <sup>^</sup>	Anthraco nose (date, value, risk) <sup>^</sup>	Almond scab sporulation level (date, LW, precip, risk)	Bacterial spot (date, value, risk) <sup>^</sup>
Sacramento	Chico	5/20, 1, <b>low</b> (Season index=23)	0	0	0
	Williams	0 (Season index=14)	0	0	0
San Joaquin	Modesto	0 (Season index=4)	0	0	0
	Merced	0 (Season index=2)	0	0	0
	Madera	5/20, 1, <b>low</b> (Season index=15)	0	0	0
	Fresno	0 (Season index=8)	0	0	0
	Bakersfield	5/14-5/20, 7, <b>high</b> (Season index=43)	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.

<sup>^</sup> - 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:** After high temperatures peak near 100F (38C) in most areas on Thursday, a slow cooling trend begins on Friday continuing through Monday. Highs return to the low 90s (33C) by Monday, but this is still about 6 to 8 degrees (3 to 5C) above normal. Morning lows will increase to the low to mid 60s (16 to 18C) on Thursday, before dropping to the mid-50s to 60 (13 to 16C) by Sunday. Northwesterly winds on Thursday morning shift southerly in the afternoon and remain southerly through the weekend.

**San Joaquin Valley (SJV): FIVE-DAY:** High temperatures across the valley will peak in the mid- to upper 90s (35 to 37C) by Friday afternoon, cooling slowly to the low 90s (33C) by Sunday. Morning lows will be in the mid- to upper 50s (13 to 14C) on Thursday, increase to the low to mid-60s (17 to 18C) on Friday, and then cool slightly over the weekend. Winds will be northwesterly and mostly light, but late afternoon gusts of 15 to 18 mph are possible. Humidity levels remain quite low, reaching 10 to 15% each afternoon.

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 Bakersfield with a seasonal index accumulations of 43. The risk is low for Chico and Madera, and zero for Williams, Modesto, Merced, and Fresno. When the disease index increases by 8 or more, disease management strategies should be implemented. A seasonal index of 43 suggests multiple infection periods. Fungicides with FRAC Codes of 19, 3/7, 3/11, 7/11, or 7/12 should be rotated in 21-day intervals, which is an average persistence duration for most fungicides under low rainfall and humidity. 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 in the last two to three weeks as predicted in previous 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% (i.e., 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. With no rain, low humidity, and no dew forecasted, management can be delayed until scouting confirms disease increases.

**Table 2.** Forecasted environments for May 21 through May 28, 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)						
				5/22	5/23	5/24	5/25	5/26	5/27	5/28	5/22	5/23	5/24	5/25	5/26	5/27	5/28
Sacramento	Chico	19.6 - 26.3	33.8 - 43.8	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Williams	19.9 - 25.1	33.2 - 48.0	2	4	1	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Joaquin	Modesto	18.4 - 23.8	37.4 - 53.4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Merced	18.2 - 24.3	35.8 - 52.5	0	4	2	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Madera	18.4 - 24.7	35.9 - 51.2	0	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fresno	19.1 - 25.1	33.1 - 45.8	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Bakersfield	18.8 - 25.1	29.3 - 44.0	0	4	3	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 5/16		Sun 5/17		Mon 5/18		Tue 5/19		Wed 5/20		Tue 5/16 to Wed 5/20	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	11.7	27.8	15.0	25.6	13.9	24.4	13.3	28.9	10.6	31.1	13.9	35.0	1.8	
	Willows	11.1	28.3	15.0	25.6	13.9	24.4	13.3	28.9	10.6	31.1	13.9	33.9	1.8	
	Yuba City	13.3	28.9	17.8	27.2	15.0	25.0	13.9	28.9	14.4	31.7	11.7	35.0	0.5	
	Sacramento	11.1	27.2	12.2	27.2	15.6	25.0	14.4	28.3	11.1	31.1	12.2	33.3	0.0	
San Joaquin	Stockton	11.7	27.8	13.3	28.3	12.8	25.6	16.1	29.4	10.6	31.7	11.1	33.9	0.0	
	Modesto	12.8	28.3	16.1	27.8	15.0	25.6	14.4	28.9	13.9	31.1	14.4	33.9	0.0	
	Merced	11.7	29.4	12.2	27.2	11.1	24.4	8.9	28.9	10.0	31.1	11.7	33.9	0.0	
	Madera	11.7	30.0	11.7	27.8	9.4	26.1	7.2	27.8	10.6	30.6	13.3	33.3	0.0	
	Fresno	13.9	29.4	15.6	27.8	14.4	26.1	13.3	27.8	15.6	31.1	16.1	33.3	0.0	
	Bakersfield	15.0	29.4	16.1	28.9	15.6	26.7	14.4	28.3	16.1	31.1	15.6	33.9	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 5/16		Sun 5/17		Mon 5/18		Tue 5/19		Wed 5/20		Tue 5/16 to Wed 5/20	
		Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Total	
Sacramento	Chico	53	82	59	78	57	76	56	84	51	88	57	95	0.07	
	Willows	52	83	59	78	57	76	56	84	51	88	57	93	0.07	
	Yuba City	56	84	64	81	59	77	57	84	58	89	53	95	0.02	
	Sacramento	52	81	54	81	60	77	58	83	52	88	54	92	0	
San Joaquin	Stockton	53	82	56	83	55	78	61	85	51	89	52	93	0	
	Modesto	55	83	61	82	59	78	58	84	57	88	58	93	0	
	Merced	53	85	54	81	52	76	48	84	50	88	53	93	0	
	Madera	53	86	53	82	49	79	45	82	51	87	56	92	0	
	Fresno	57	85	60	82	58	79	56	82	60	88	61	92	0	
	Bakersfield	59	85	61	84	60	80	58	83	61	88	60	93	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>).