

Almond Board of California and Semios - Disease Forecasts

in cooperation with the University of California

Table 1. Risk assessment forecasts for 4 diseases made on Thursday, Feb. 9 through Wednesday, Feb. 16, 2022*

No.	County	Region	Anthracnose	Brown rot blossom blight	Bacterial blast	Bacterial spot	Alternaria leaf spot	Scab
1	Butte	West	0	0	0	0	Starts 4/1	Starts 4/1
2	Colusa	East	0	0	0	0	Starts 4/1	Starts 4/1
3	Fresno	East	0	0	0	0	Starts 4/1	Starts 4/1
4	Fresno	Central	0	0	0	0	Starts 4/1	Starts 4/1
5	Fresno	West	0	0	0	0	Starts 4/1	Starts 4/1
6	Kern	Central	0	2-15 (slight)	0	0	Starts 4/1	Starts 4/1
7	Kern	Western	0	0	0	0	Starts 4/1	Starts 4/1
8	Stanislaus	East	0	0	0	0	Starts 4/1	Starts 4/1
9	Stanislaus	Central	0	0	0	0	Starts 4/1	Starts 4/1
10	Stanislaus	West	0	0	0	0	Starts 4/1	Starts 4/1

* - 7-day forecasts are based on temperature (inside- and outside-canopy measurements), precipitation, and leaf wetness using the Semios climate smart precision farming platform.

^ - Numerical risk is scaled for each disease. Scaling will be shown in the next forecast advisory to the industry. 0 = No risk.

Industry Advisory - Summary for Selected Almond Growing Regions

Overall, in the next week, there is low or no risk for the four springtime diseases forecasted in Table 1. For brown rot blossom blight, there is no precipitation forecasted in most regions except Kern - Central with 4 mm on 2-15 (slight chance of infection). Thus, currently there is low risk for infection across the regions or counties being monitored. Still, a single, delayed bloom (30-50% full bloom) fungicide treatment is advised for most varieties including all pollinators even with no rain is forecasted. This advisory will be updated weekly.