

**Almond Board of California - Disease Forecasts**  
**in cooperation with the University of California**

**Table 1.** Daily risk assessment disease forecasts for Thursday, Feb. 17 through Wednesday, Feb. 24, 2022\*

No.	County	Region	Anthrax -nose	Brown rot blossom blight	Bacterial blast risk (date, value, level)	Bacterial spot	Alternaria leaf spot	Scab
1	Butte	West	0	0	2-22 (0.3) Mod. risk	0	Starts 4/1	Starts 4/1
2	Colusa	East	0	0	0	0	Starts 4/1	Starts 4/1
3	Fresno	East	0	2-22 (1.25 mm, avg T 6.3C), Low risk	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	2-22 to 2-23 (1.95 mm, avg T 4.6-6C), Low risk	2-23 (0.4) Mod. risk	0	Starts 4/1	Starts 4/1
7	Kern	West	0	2-22 (0.39 mm, avg T 6.4C), Low risk	2-23 (0.5) Mod. risk	0	Starts 4/1	Starts 4/1
8	Kern	East	0	2-22 to 2-23 (7.24 mm, avg T 1.9-3.8C), Low risk	2-23 (2.1) High risk	0	Starts 4/1	Starts 4/1
9	Stanislaus	East	0	0	2-22 (2) Mod. risk 2-23 (3) Mod. risk	0	Starts 4/1	Starts 4/1
10	Stanislaus	Central	0	0	2-22 (0.3) Mod. risk 2-23 (0.5) Mod. risk	0	Starts 4/1	Starts 4/1
11	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 which are powered by Semios®.

^ - Numerical risk is scaled as follows: 0 = no risk, 1 = action threshold (Note: values may exceed 1 due to hourly accumulations). The daily blast index is based on hourly temperatures from noon of the current day to noon of the next day. A moderate risk for frost damage occurs when the risk index is 0 to <1 [minimum temperatures are >28F (-2.2C) and <30F (-1C)]; whereas a high risk occurs when the risk index is ≥1 [minimum temperatures are ≤28F (-2.2C)]. Temperatures ≥30F (-1C) are not a risk to almond for frost damage to occur.

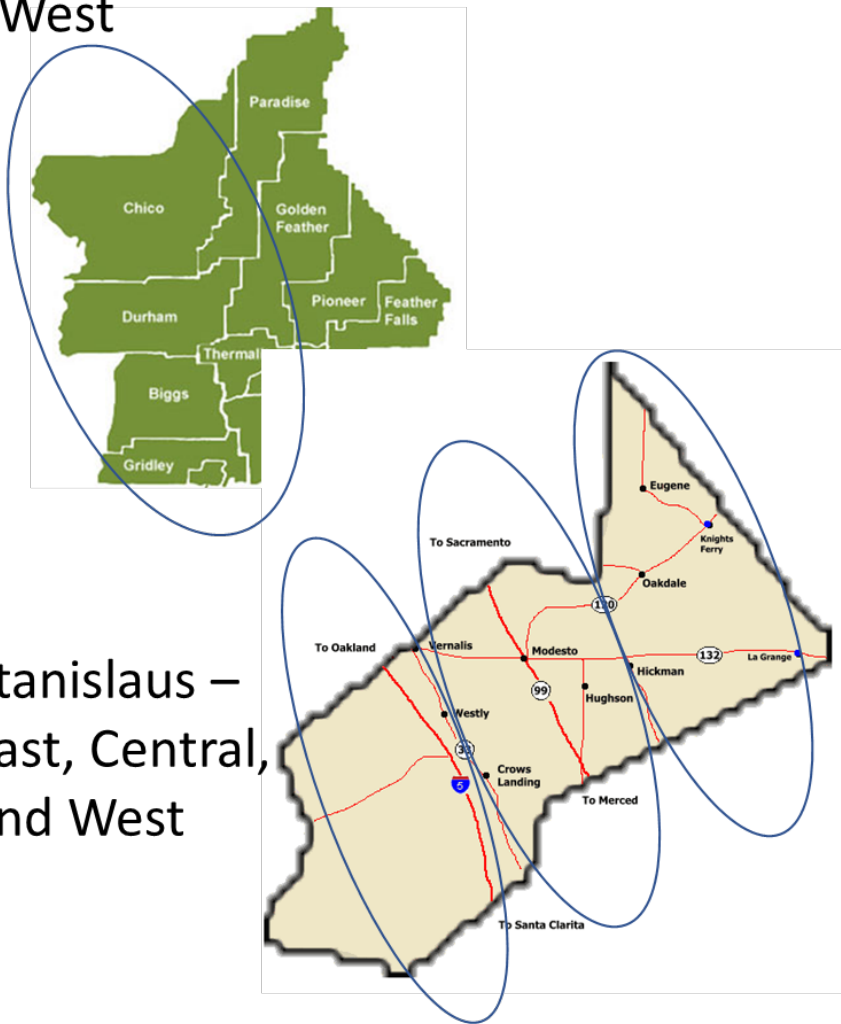
**Industry Advisory - Summary for Selected Almond Growing Regions**

In the next week, there is moderate to high risk for bacterial blast forecasted in Butte-West; Kern-East, -Central, and -West; and Stanislaus-East and -Central (**Table 1**). Forecasts are based on regional maps shown in Fig. 1 that correspond to the counties and regions described in Table 1. Forecasted minimum temperatures are 30.2F (-1C) in Butte-West and Kern-East, -Central, -West; and they are 28.4F (-2C) in Stanislaus-East and -West. Because these are regional forecasts, microclimate temperatures may occur that are lower or higher than forecasted. Historical records and experience for specific locations should be considered.

For brown rot blossom blight, minor precipitation is forecasted in Kern-Central and -West, and Fresno-East. Low precipitation is forecasted in Kern-East with 7.24 mm on 2-22 to 2-23, however average daily temperatures are too low for brown rot infections. This advisory will be updated weekly.

Fig. 1. Maps of counties and regions with forecasted bacterial blast alerts.

### Butte - West



### Stanislaus – East, Central, and West

### Kern – East, Central, and West

