Predicting Nonpareil Almond damage in Kern County

1,279 40-acre pl

Average damage was 1.77%

INPUT

Percent Previous NOW Damage

Mean = **1.5%** , (Range 0-19.0%) | **1.50%**

PTB Damage

Mean = **0.3%**, (Range 0-9.2%) | **0.3%**

Predicted Dam

1.86%

Ground Mummies per Tree

Mean = **4.9**, (Range 0-43.7) | **4.9**

Tree Mummies per Tree

Mean =1.0, (Range 0-69.7) | **1**

Standardized Harvest Percentile

Select a value from below and enter* | **0**

0-2.5% = **-2.6**
2.6% - 25% = **-0.6**
50% = **0**
51-75% = **0.7**
76-97.5% = **1.8**
Last 98-100% = **2.6**

Distance from Center to nearest Pistachios | **8,656**

Mean = 8,656 feet, (Range 550 - 12,000)*

12,000 is the maximum value even if distance goes to 20,000

To enter a value less than 1%, use decimals as in the following example

A value of 0.3%, or three tenths of a percent, is entered as 0.003

*Harvest risk is based on the comparison to the mean harvest date for the year. The mean date, when half the plots have been harvested, is entered as 0. Harvest before the mean has negative values, which reduce damage, and harvest after the mean has positive values, indicating increased damage compared to the mean date. All other parameters being equal and set to the means, the earliest harvested plots have a predicted damage of 1.36%, while the last harvested plots have a predicted damage of 2.31%. There is almost a 1% spread between the earliest and latest harvested plots, and the interval between the first harvested plot and last harvested plot is 27 days.