# agweather connection OH NUTS! Preventing Pecan Scab

In early May, Oklahoma's pecan growers start scouting orchards for pecan scab. If left untreated, this fungal disease can potentially devastate an entire pecan crop. In an effort to prevent pecan scab, many growers treat their orchards before any symptoms become noticeable.

"In Oklahoma, pecan growers will begin fungicide treatments in late April or early May. Depending on the weather, disease symptoms can appear on leaves in May," said Damon Smith, OSU Assistant Professor and State Extension Specialist of Horticulture Pathology. "These May observations are leaf lesions. Fruit damage will become apparent in late June or early July."

Agweather now offers an improved tool to track pecan scab hours, a term given to time periods when the development of pecan scab is likely. The advisor features accumulated pecan scab hours, local and statewide information, localized pecan scab hour forecasts, a spray decision advisor and comparisons between past years' pecan scab hours.

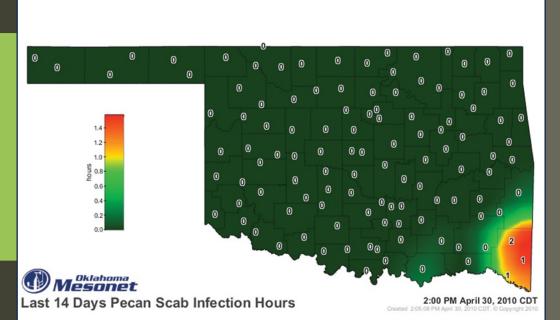
"The Pecan Scab Advisor aids the grower in deciding when fungicides should be applied," said Smith. "A shining feature is the ability to offer a 3-day forecast. This gives growers a better chance to apply fungicides preventively. It is almost like having a crystal ball to see when favorable periods for disease development might occur."

The Pecan Scab Advisor offers growers a reliable tool to accurately predict pecan scab, said Smith. "This results in better timing of fungicide applications. Better timing equates to improved control of pecan scab and a direct savings to growers by eliminating unnecessary sprays," said Smith.

It is important to remember that the Pecan Scab Advisor does not replace the best judgment of the grower.

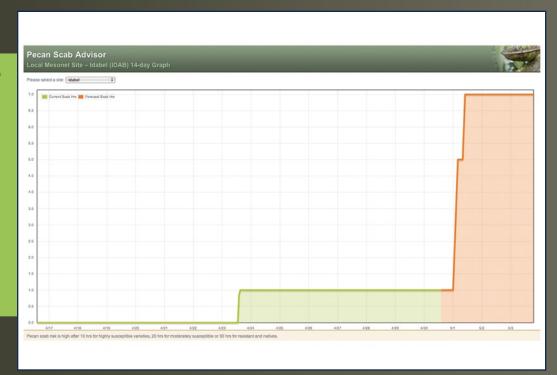
# Seasonal Pecan Scab

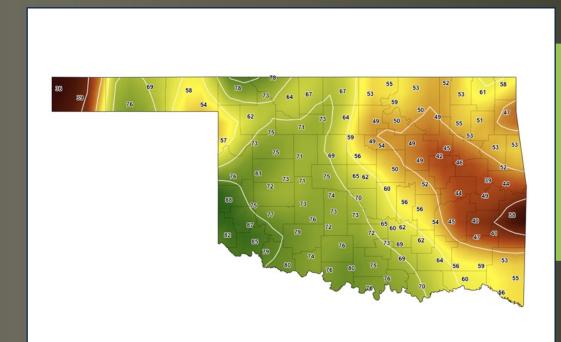
- Start at http://agweather.mesonet.org
- Click "Horticulture" from the horizontal menu
- Select "PECAN" from the left menu
- Pick "Pecan Scab" from the left menu
- Roll over "Statewide Maps" on the horizontal menu just above the map picture
- Choose "Season-long Scab Hours Map"
- This map shows the statewide accumulated pecan scab hours since March 1



# Forecasted Pecan Scab

- Start at http://agweather.mesonet.org
- Click "Horticulture" from the horizontal menu
- Select "PECAN" from the left menu
- Pick "Pecan Scab" from the left menu
- Roll over "Local Mesonet Site" on the horizontal menu just above the map picture
- Choose "Last 14-day and Forecast Scab Hours Graph"
- This graph shows localized pecan scab hours for the last two weeks and also the forecasted pecan scab hours for the next three days

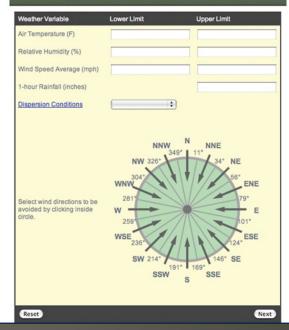




# Relative Humidity

- Start at <a href="http://agweather.mesonet.org">http://agweather.mesonet.org</a>
- Click "Weather" from the horizontal menu
- Then choose "HUMIDITY" from the left menu
- Select "Current Humidity"
- A pecan scab hour is a time period when the development of pecan scab is likely. This happens when the temperature is at or above 70°F and the relative humidity is at or above 90 percent

### Drift Risk Advisor Pesticide Application Planner



# Drift Risk Advisor

- Start at <a href="http://agweather.mesonet.org">http://agweather.mesonet.org</a>
- Click "Horticulture" from the horizontal menu
- Select "PECAN" from the left menu
- Choose "Drift Risk Advisor" from the left menu, under the sub-heading "PEST CONTROL"

