

The Changing Pecan Fungicide Market
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Changing world markets for fungicides have resulted in some major changes in the price of fungicides used on pecans and other crops. In addition, products that were tested years ago have finally been labeled for use on pecans. Products specifically impacted by this are Sovran and Folicur, which are now two of the cheapest options for pre-pollination sprays. Attached is a PowerPoint file of Sovran and Folicur data we compiled in response to questions regarding the efficacy of these products. Data reported here are from trials conducted at the Ponder Farm in Tifton, GA from 1994 through 2000. We have to go back a number of years to get data on these products, and therefore we do not have some of the comparisons that would be nice to have. However, we have included some relevant standard products still in use.

All Folicur data is for control of leaf scab. At 4.0 oz /A, Folicur performed better than TPTH alone, but lagged behind Sovran and Elast + TPTH, Orbit + TPTH, and Enable + Tin. The 6.0 oz rate of Folicur seemed to be in line with Enable + Tin. The 4.0 oz rate should work well when tank mixed with other fungicides. For stand alone use, 6 to 8 oz should be used, with 8 oz more suitable for higher pressure situations. Note also that a low rate of surfactant was used with most Folicur applications. This is not done on peanuts where we want some of the product to wash off and control soilborne diseases, but it will result in a little better control on pecan scab. Also, we know there have been some shifts in fungicide sensitivity in some locations to triazoles like Folicur. If individual growers have noticed decreased scab control in the past with triazoles (i.e. Orbit, Enable, Propimax), then the Folicur alone should not be used. **Triazoles have always been a strong option for leaf scab due to their systemic movement into the plant and their post-infection activity.** While this curative action is not something to be abused, it can be very beneficial in a wet year such as this where timely sprays are not always possible.

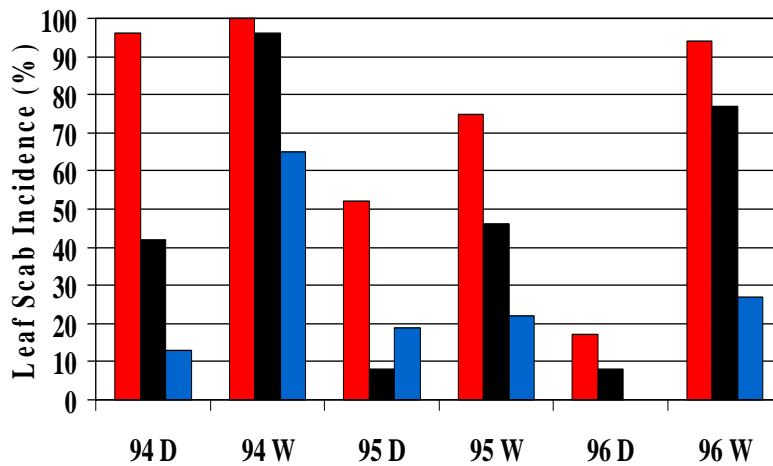
Sovran was tested at rates of 2.4 and 3.2 oz/A. Both rates provided good suppression of leaf scab. The 3.2 oz rate is better suited for periods of higher disease pressure. For nut scab control, Sovran should be used at the 4.8 oz rate.

Note also that for resistance management, growers planning to use combination products like Stratego, Quilt or Absolute later in the season should limit their use of Sovran or any stand-alone triazole since the combinations contain both of those chemistries. These pre-pollination options fit best where other chemistries like Tin or Elast are used post-pollination.

Product	Rate	Comments
Folicur	4 – 8 fl. oz.	for use during pre-pollination period For tank mixes, use 4 fl. oz. maximum of 32 fl. oz per acre per season. A low rate of surfactant may increase efficacy
Sovran	2.4 – 3.2 oz (prepollination) 3.2 – 4.8 oz (postpollination)	Do not make more than 3 applications of Sovran or other QoI fungicides per season.

Efficacy of Sovran (3.2 oz) vs Tin (3 pre-pollination sprays) on Leaf Scab Incidence

(Tim Brenneman, UGA, Tifton, GA)

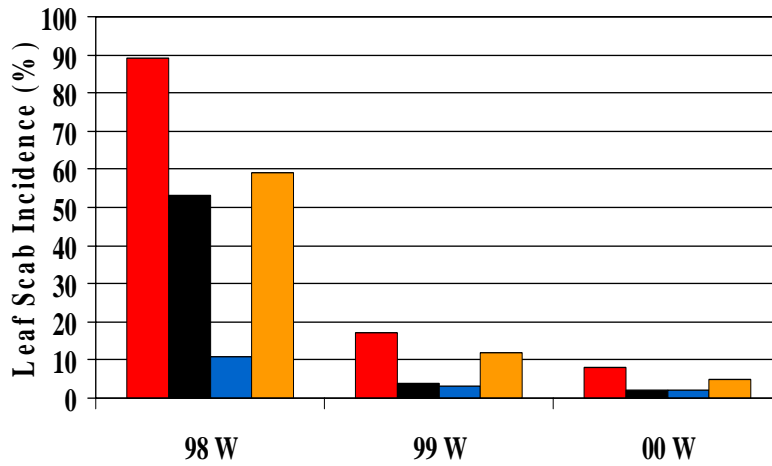


D = Desirable, W = Wichita

■ Nontrt ■ Super Tin ■ Sovran 3.2 oz

Efficacy of Sovran (2.4 oz) & Folicur (4 oz), 3 pre-pollination sprays on leaf scab incidence

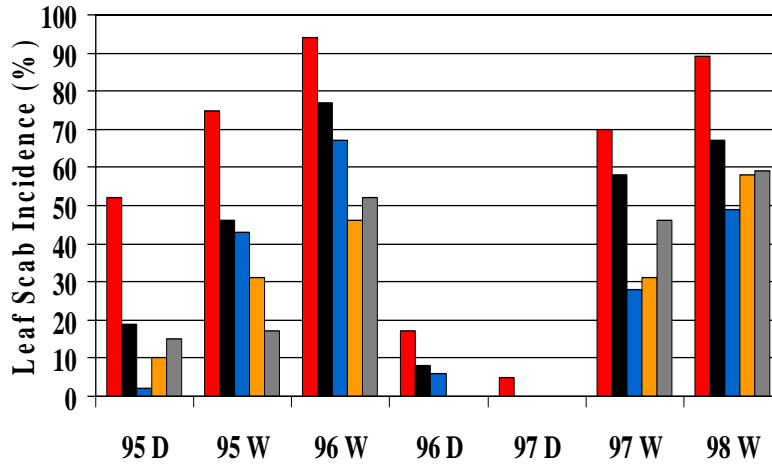
(Tim Brenneman, UGA, Tifton, GA)



■ Nontrt ■ Tin/Dodine ■ Sovran 2.4 ■ Folicur 4 oz
D = Desirable, W = Wichita

Efficacy of Folicur (4 oz, 3 pre-pollination sprays) vs standards on leaf scab incidence

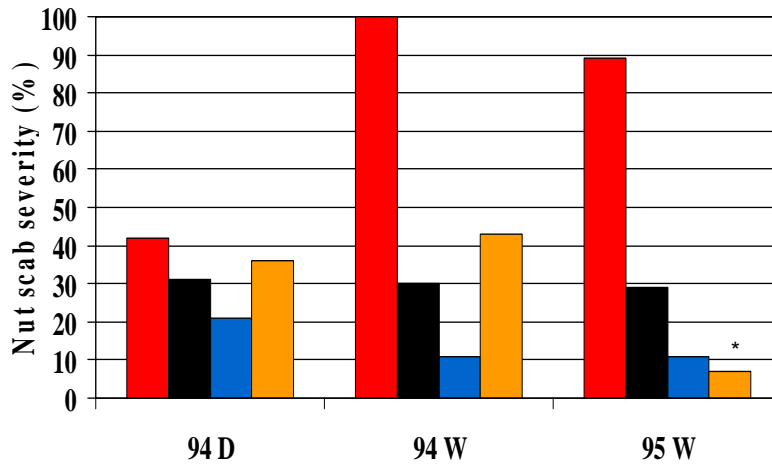
(Tim Brenneman, UGA, Tifton, GA)



■ Nontrt ■ Tin ■ Orbit/Tin ■ Enable/Tin ■ Folicur 4 oz
D = Desirable, W = Wichita

Efficacy of Sovran (3.2 oz, post-pollination sprays) vs standards on nut scab severity

(Tim Brenneman, UGA, Tifton, GA)



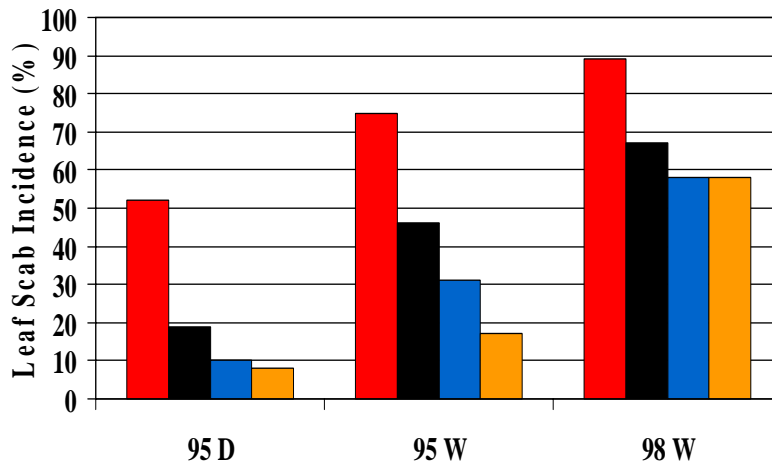
D = Desirable, W = Wichita

■ Nontrt ■ Orbit/Tin ■ Tin ■ Sovran

* Sovran at 4.8 oz in '95

Efficacy of Folicur (6 oz) vs Standards, (3 pre-pollination sprays) on leaf scab incidence

(Tim Brenneman, UGA, Tifton, GA)



D = Desirable, W = Wichita

■ Nontrt ■ Tin ■ Enable/Tin ■ Folicur 6 oz