

2018 Pecan Pathology Update

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UGA Research

- Lab data/efficacy
- New products
- Product comparisons
- Resistance management



Pre-pollination Sprays



Ponder Farm – Tifton, GA – 2017

Non-treated Trees

	South Orchard 'Desirable'	North Orchard 'Desirable'	North Orchard 'Wichita'
Leaf INC	58.5	0.5	17.0
Leaf SEV	12.2	0.1	2.7

SOUTH:

planted in 1988 (29 years)

NORTH:

test trees replanted in 2000 (17 years)

buffer trees replanted in 2008

AU Pecan

- Pecan weather for the Southeast
- Registration of a farm is free; provided to pecan growers by AWIS Weather Services.
- Provides advice on timing of fungicide sprays based on recorded rainfall and the 5-day forecast.
- www.awis.com or search “AU Pecan”

- What to spray pre-pollination?

Pre-pollination Sprays

- ≤ 5
 - ≤ 3 is more common
1. Group 11 or 11+3
 2. Phosphite
 3. Group 11 or 11+3
 4. and/or 5. (TPTH + DMI) or Phosphite

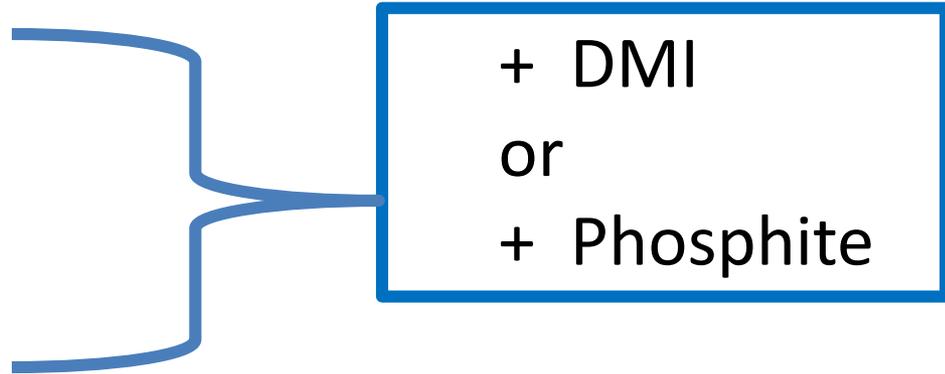
Post-Pollination



extension.uga.edu | 1-800-ASK-UGA1

Post-pollination Sprays

- Tin
- Elast
- Tin + Elast



- Groups 11+3
- Group 11

Miscellaneous Items



Fungicide Coverage

- Can be the **biggest** challenge in control.
- Anything over 40 ft is problematic.
- Wind, subsequent rainfall, tree canopy, sprayer setup, sprayer speed,.....

- Look for patterns for scab.

- Ziram
 - Can be used as a TPTH substitute if needed.
 - Use in a tank mix.

- Phosphites
 - Better on leaf scab; stand alone use OK
 - Tank mix for post-pollination in high pressure orchards

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MBCs (thiophanates)	1	Topsin; T-methyl, <i>TopsinXTR2</i>
DMIs (triazoles, sterol inhibitors)	3	Orbit, Orius, Propimax, Bumper, Enable, Quash, Folicur, Tebuzol, Toledo, Monsoon, Topguard <i>Absolute, Quilt, Quilt Xcel, Quadris Top, Custodia, Minerva Duo, TopsinXTR2, Viathon, TopguardEQ</i>
Qols (strobilurins)	11	Abound, Azaka, Sovran, Headline, <i>Absolute, Quadris Top, Quilt, Quilt Xcel, Custodia, TopguardEQ</i>
Guanidines	U12	Elast
Organo-metallics	30	Super Tin, Agri Tin, <i>Minerva Duo</i>
Phosphonates	33	Phostrol, ProPhyt, FungiPhite, Reliant, Fosphite, Kphite, Phiticide, Rampart, Topaz, <i>Viathon</i>
Ziram	M	Ziram

