

2019 Pecan Update

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2018: The Year of the 5 Plagues

- China Tariffs
- Wet Summer
- Hot & Dry
September
- Hurricane
Michael
- Price



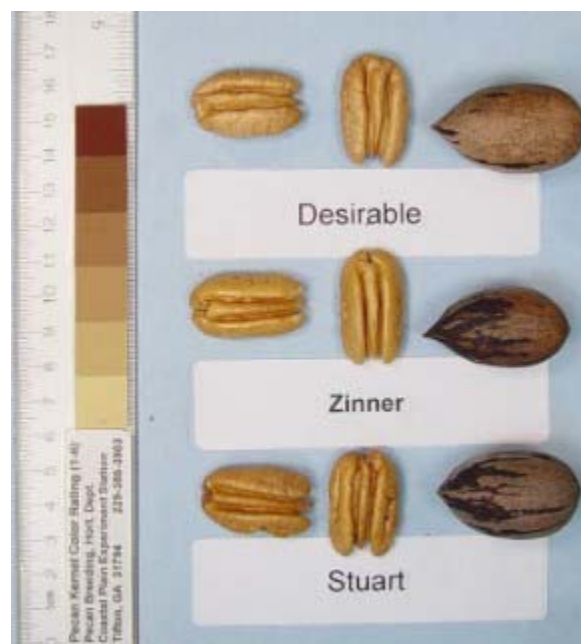
Programs for Hurricane Michael Recovery

- ECP
- WHIP
- Forest Debris Management Program



Inter-Planting in old Stuart blend Orchards

- Avalon
- Zinner
- Ellis
- Sumner
- Creek
- Oconee
- Lakota
- McMillan
- Excel



Pollinators

- Pawnee
 - Lakota, Sumner, Zinner, Desirable, Elliott, Ellis
- Creek
 - Cape Fear, Caddo, Desirable, Oconee, Pawnee
- Cape Fear
 - Caddo, Cherryle, Creek, Desirable, Elliott, Kanza, Kiowa, Lakota, Oconee, Pawnee, Sumner, Zinner, Avalon, Ellis
- Caddo
 - Cape Fear, Creek, Cherryle, Desirable, Elliott, Kanza, Kiowa, Lakota, Oconee, Pawnee, Zinner, Avalon, Ellis*
- Oconee
 - Caddo, Cape Fear, Creek, Cherryle, Desirable, Elliott, Pawnee, Avalon
- Sumner
 - Cape Fear, Cherryle, Creek, Desirable, Oconee, Pawnee
- Zinner
 - Caddo, Cape Fear, Cherryle, Creek, Desirable, Oconee, Pawnee
- Ellis
 - Caddo, Cape Fear, Cherryle, Creek, Desirable, Oconee, Pawnee
- Lakota
 - Caddo, Cape Fear, Creek, Desirable, Oconee, Pawnee
- Avalon
 - Caddo, Cape Fear, Cherryle, Creek, Desirable, Oconee, Pawnee



Fertilization Recommendations for Young Trees

- Focus on P,K, Zn---not N!

Rate of 10-10-10/per tree

Year	April	June
1	0	0.5-1 lb
2	1-2 lbs	1-2 lbs
3	2-3 lbs	2-3 lbs
4	3-4 lbs	3-4 lbs

- Apply Zinc Sulfate at 1-3lb per tree for the 1st 3-4 yrs
- 2-3 sprays foliar Zn if deficiency symptoms show
- Mouse Ear Trees:
 - Apply Ni at rate of 1.5 qts/100 gallons



If You Fertigate

Amount of N/acre

Year	April	May	June
1	0	0	5 lbs N
2-4	5 lbs	5 lbs	5 lbs

- Apply granular P,K, Zn over the tree row in March or April of years 1 and 2
 - 40 lbs P
 - 40 lbs K
 - 25 lbs Zn Sulfate



Irrigation Recommendations for Young Trees

- 1st year – 3rd Year:
 - Loamy sands = **100 gpw with microsprinkler**
 - Deep sands or excessive dry periods = 170 gpw
 - Microsprinklers preferred for deep sands
 - Drip on loamy sand = 48 gpw
 - ***Water regularly***
 - ***every other day to keep consistently moist and minimize soil temp beginning in late May***



Example Herbicide Program for Young Trees

Trees 1-2 Yrs:

At budbreak:

Glufosinate + Prowl H2O

May/June:

Glufosinate **or** Glyphosate **or** Paraquat +
Flumioxazen (Tuscany, Chateau)

August/September

Glufosinate **or** Glyphosate **or** Paraquat +
Flumioxazen (Tuscany, Chateau)



Which Source of N Should You Use

- No difference in Yield, Quality, Size, or leaf N between Ammonium Sulfate, Ammonium Nitrate, and Urea
- High rates of N in any form limit K uptake and reduce soil pH



What Do You Actually Need in the Spray Tank?

- Fungicide
 - In an off year:
 - Spray to protect foliage
 - Spray as needed but minimally (as weather allows) until June
 - If crop is not there in June, consider backing off some
- Insecticide as needed
- Lay off the snake oils
- Foliar nutrients:
 - 3 Foliar Zinc sprays
 - Spray Ni if you have a mouse ear problem
 - Boron helps with quality and nut retention but not necessary in off year
 - Sulfur unnecessary in off year



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Prices

- Even with the GA crop cut in half, prices remained depressed
 - Easily explained with lots having rot and low quality but what about good nuts?
- We are told domestic demand is rising but prices are low even with a short crop, so what is going on?
 - China
 - Mexico



The Mexico Problem

- **Mexico**
 - 278,176 acres of pecans (2015)
 - Adding 10,000 new acres/year
 - 270.5 million lbs production (2015)
 - Now likely closer to 300 million
 - Capable of supplying nearly half world supply of pecans
- **When U.S. shellers bring in pecans from Mexico:**
 - If U.S. shellers prefer to buy cheaper product from Mexico, then any increase in demand appears to help Mexico's growers more than U.S. growers
 - We cannot grow the pecans we have been growing and compete economically with Mexico



Don't Be Yellin' if You Ain't Shellin'

- *The World is going to a Shelled Market*
- *Growers Are Going to Have to Be More Active in Marketing Some of Their Own Crop*
 - Likely will always have to sell much of the crop to domestic shellers or via in-shell export market to China (While it lasts)
 - Start small---shell, bag, ship
 - Internet Sales
 - Local Markets
 - Work together
 - Markets in NE, NW, and urban areas
 - International Markets
 - USE HEALTH MESSAGE

