



# Southeast Pecan Assessment

BY: Jerry Joe Ingram

National Land Realty

# View of Pecan Orchard in Lowndes Co. Al. with Alabama River in Back ground



# Irrigation pump that pumps from Alabama River



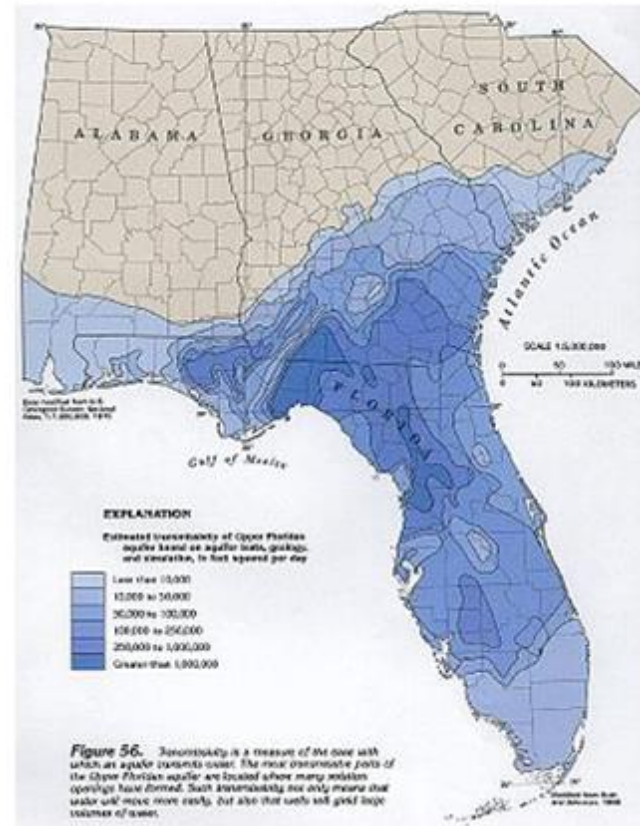
# Micro Irrigation system with water resource from the Alabama River



# Some areas of southeast have excellent ground water resources

## Water Supply

- Production area underlain by Floridan Aquifer
- Very large source of high quality water



It takes 27,154 gallons to get one inch of water applied to one acre. The maximum water requirements for pecans with a big crop load in the southeast in late August depending on the soil type could have a maximum water requirement of 2 inches of water per week. With the use of drip or micro-jet irrigation a producer can deliver the crop load needs with about half the water it would take from using a solid set broad or flood irrigation.

# Picture of a flood irrigation



Conclusion: Irrigating 1 inch equivalent of water with drip or micro-jet irrigation in orchard will require less water than applying 1 inch over a whole acre with solid set or flood irrigation





# Tree shaker at work getting ready for harvest



# Pecans on ground read for harvest



# Pecan harvester



Pecan are dumped into peanut wagons  
to be dried



# Pecan cleaning plant



# Pecan are sized and bagged for shipment



One of the biggest challenges to the southeast pecan industry is older less productive cultivars and the control of pest management especially pecan scab the number one pest in the southeast



The future of the southeast pecan industry is new cultivars. A lot of the varieties still under production were cultivars that were developed before WW-II. You can not sustain an agriculture industry with technology that is 50 plus year old.





# Pecan cultivars developed for oil production.



# Conclusion

- ❑ Pecan will continue to be a very important commercial fruit nut crop in Georgia and the southeast regions.
- ❑ Although total cost of production is as high as \$2,347.43 per acre, the net return of \$1,413 per acre makes it a lucrative crop for growers.



THE END

