

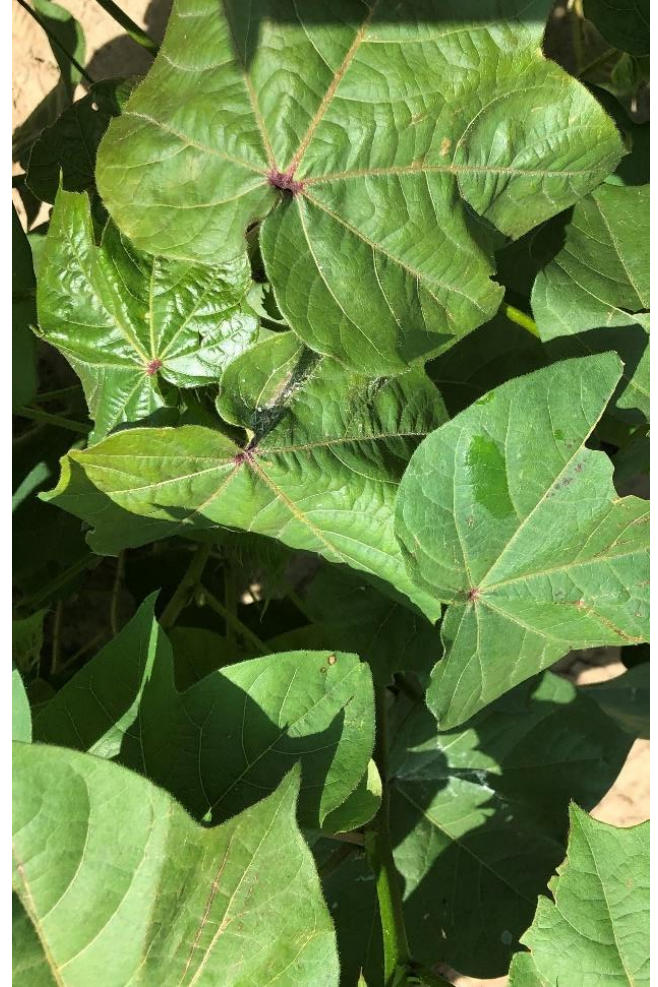
# CLRDV Symptoms, Incidence & Impact in Alabama



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# Symptom Expression

- Cultivar
- Growth Stage
- Weather
- Region
- Virus Strain?



# Leaf Rugosity in Seedling Cotton

BRS 286 PARU



PHY 480 PARU



PHY 480 PARU



BRS 293 PARU



# Leaf Reddening/Drooping/Wilt



# Leaf Crinkle/Red Veins/Stacked Terminals

PHY 480 TV



PHY 480 BARU



Breeding Line PBU



DP 1840 GCREC

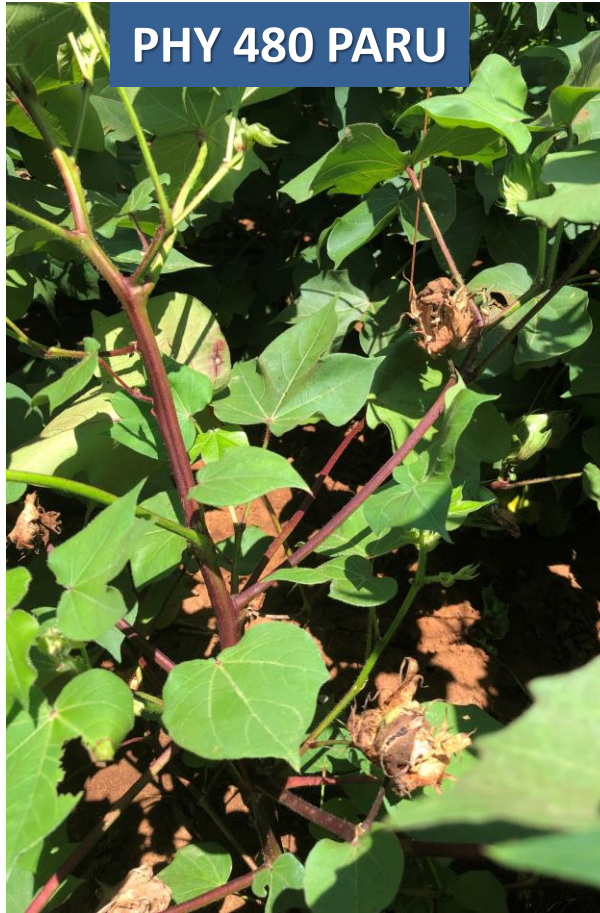


# Red Stems/Stunting

ST 4550 GC



PHY 480 PARU



PHY 480 PARU



# Late Summer Reddening/Bronzing

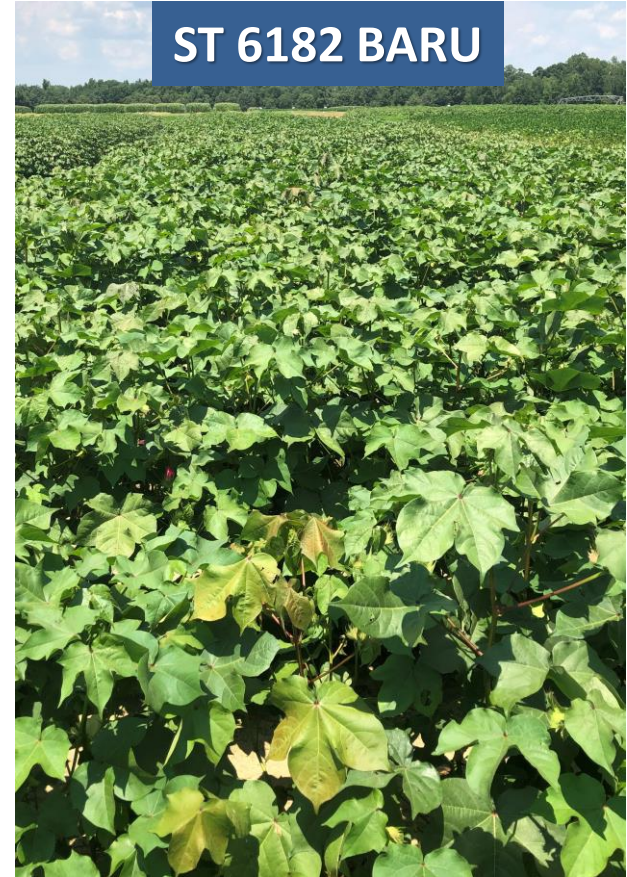
NexGen AMX1828 GC



ST 6182 BARU



ST 6182 BARU





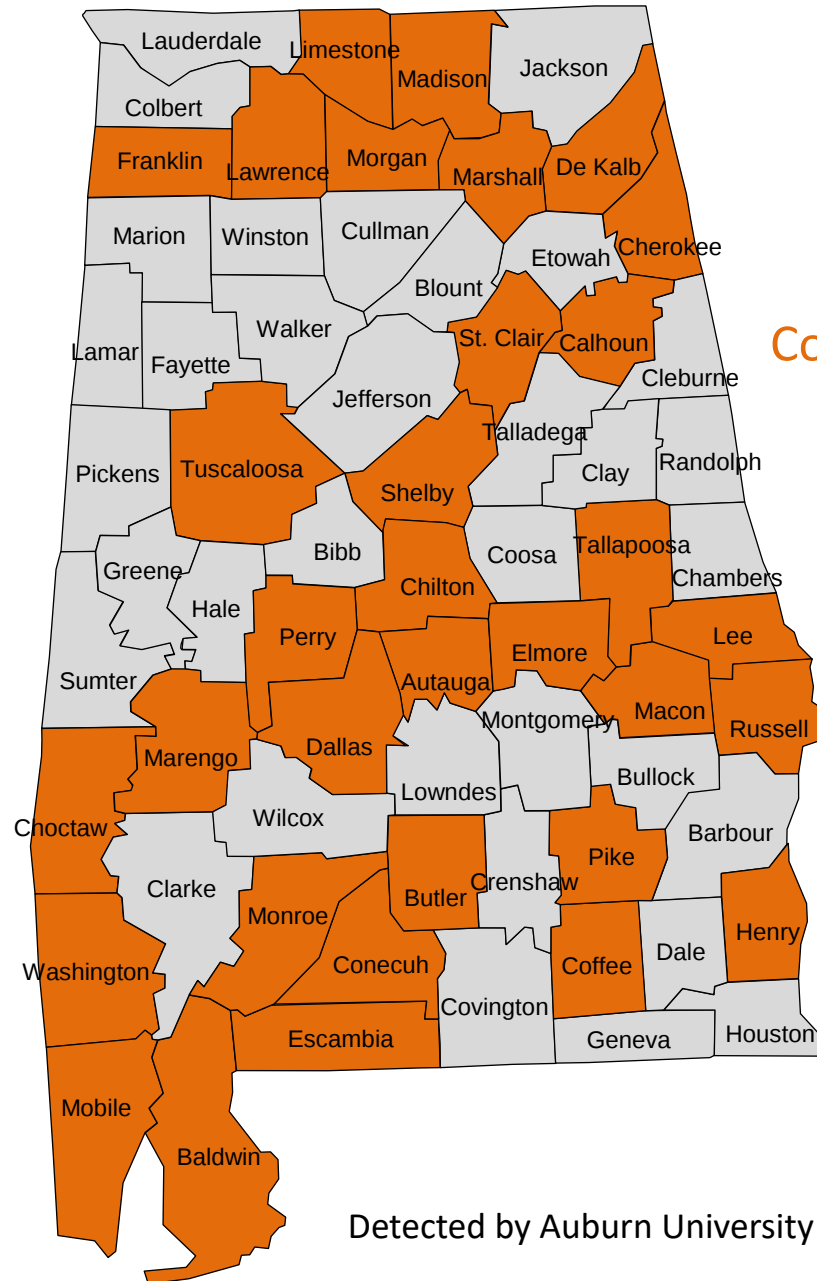
# CLRDV Incidence



# Cotton Blue Disease

Cotton leafroll dwarf virus  
CLRDV

2019 Cropping Season  
Distribution  
September 19, 2019



Detected by Auburn University Plant Diagnostic Lab

# Summary



- CLRDV is widespread.
- Visual diagnosis difficult.
- CLRDV incidence?
- Yield loss?