


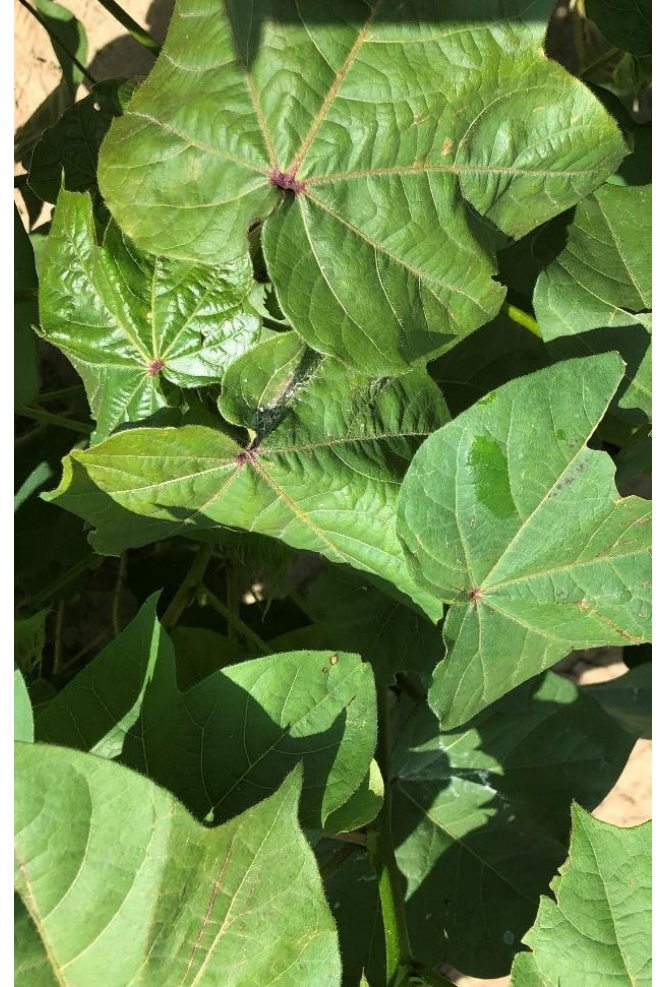
CLRDV Symptoms, Incidence & Impact in Alabama



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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

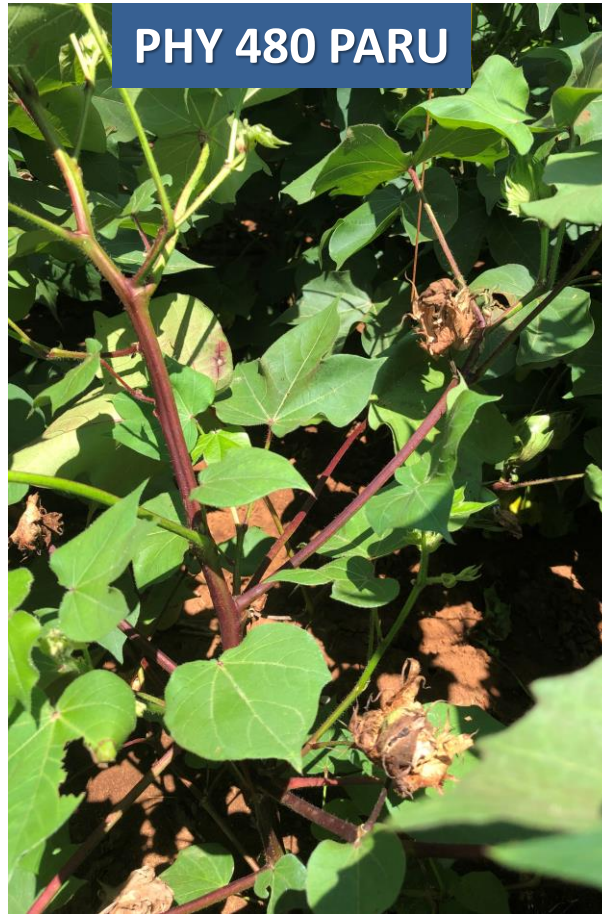


Red Stems/Stunting

ST 4550 GC



PHY 480 PARU



PHY 480 PARU



Late Summer Reddening/Bronzing

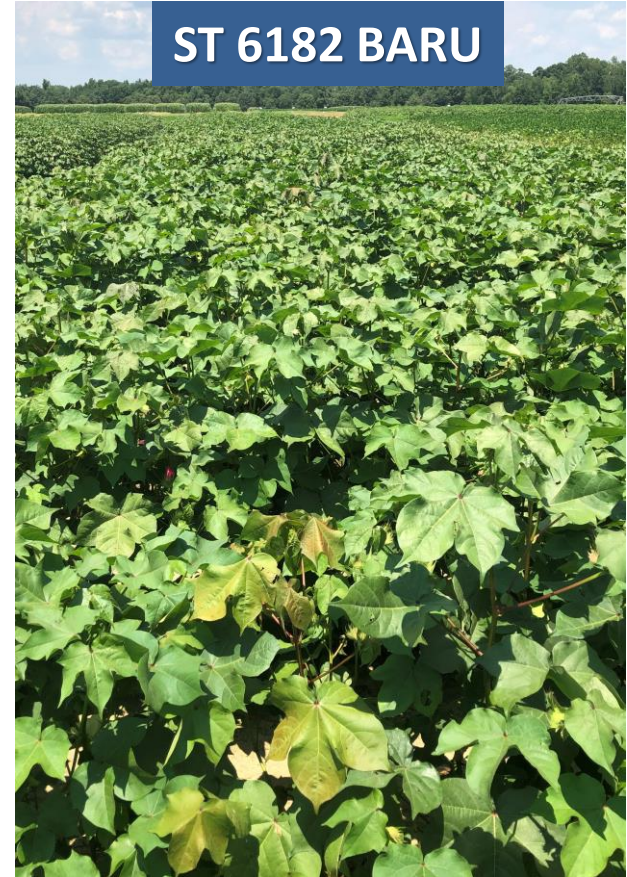
NexGen AMX1828 GC



ST 6182 BARU



ST 6182 BARU





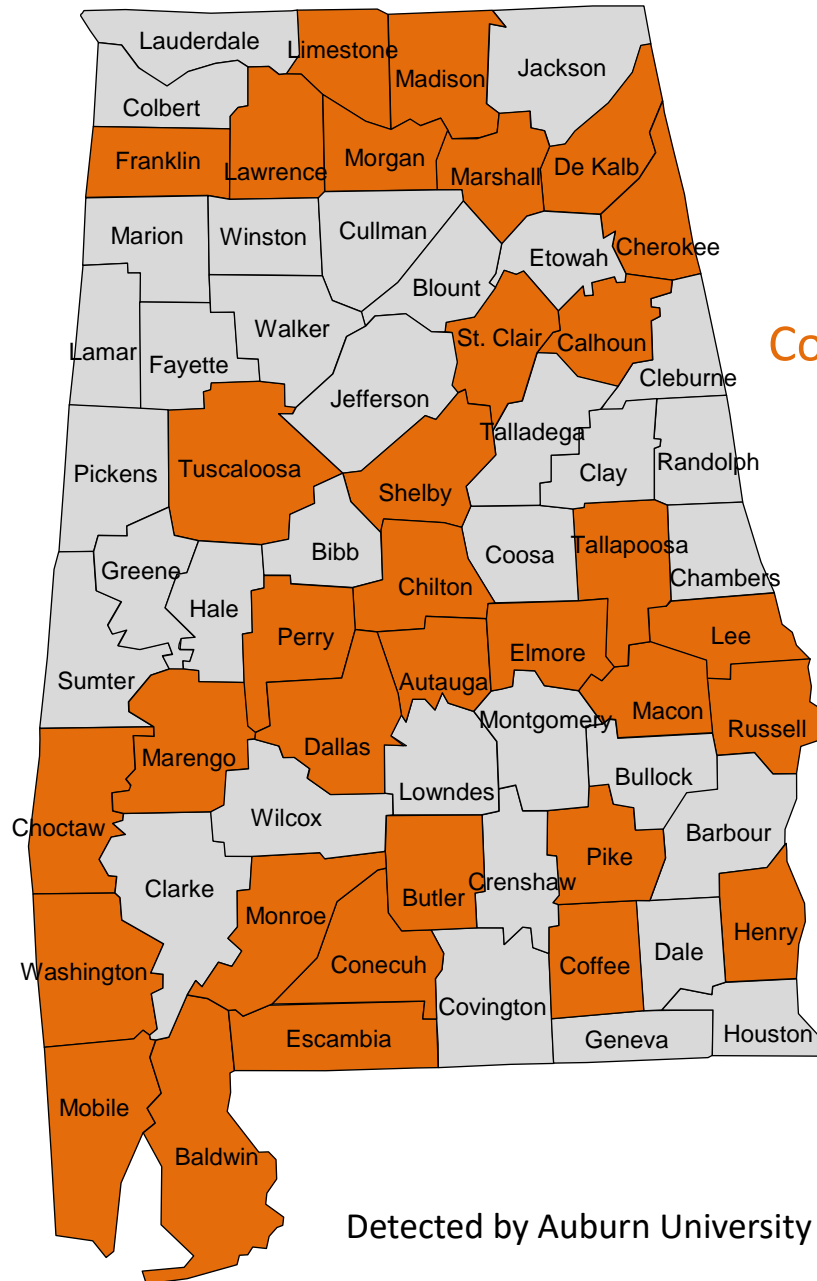
CLRDV Incidence



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?