

Sampling Protocol - Suspected Cotton leafroll dwarf virus (CLRDV) Samples

Date Collected _____
Location (county + GPS) _____
Cotton: Variety _____ Date of Planting _____
Stage of Growth at Collection (number of fruiting nodes) _____

Description of Symptoms

A large variation in symptoms have been observed among locations and dates.

Please photograph affected plants and plant parts with symptoms. Send photographs.

Distribution of affected plants in field _____

Location of symptoms on plant _____

Foliage: leaf roll, crinkle, other _____

Discoloration: red veins, red petioles, blue tint, other _____

Size: dwarfing/stunting, bunched top growth, zigzag stem pattern, shortened internodes,
accentuated verticality, other _____

Bolls: no boll set, boll drop, other _____

Other noteworthy symptoms _____

Any insects present _____

Cotton aphid infestations: present or absent, timing of infestation _____

Timing of management interventions targeting cotton aphids _____

Collection

Collect 5 samples from symptomatic plants at each location (1 sample = top 6 inches of plant).

Place samples in a sealable plastic bag with no other material (no paper towels).

Keep sample cool - place in cooler; refrigerate until shipped; ship overnight with icepack in Styrofoam cooler.

If aphids are present, please collect and send them on the plant material.

Include this form and shipping permit (see below) in a separate sealed bag in package.

Please email connekn@auburn.edu in advance of shipping to receive shipping permit. Send pictures at this time.

Shipping address:

Kassie Conner
961 South Donahue Drive
Auburn, AL 36849