Cotton variety CLRDV evaluations

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Cotton virus symptoms, 2018

August 24, 2018

September 2018
Cotton virus symptoms vs healthy plant, Sept. & Oct. 2019
Cotton variety response to CLRDV by planting date, 2019

% CLRDV incidence across varieties by planting date, 2019

% CLRDV incidence by cotton variety, 2019
CLRDV cotton variety yield response to planting date, 2019

Seed cotton lb/a

1-May  15-May

2.8 – 3.7 bales per acre
Cotton variety response to CLRDV as influenced by Root-knot nematode GCREC, 2019

% CLRDV incidence

% symptomatic plants

RK  No RK

K. Lawrence, 2019
Cotton variety response to CLRDV Jay FL, 2019

% CLRDV incidence

% symptomatic plants

K. Lawrence, 2019
Cotton virus symptoms
Rating scale 1-5

2 LEAF FOLDING

3 LEAF CRINKLING
Cotton virus symptoms

4 LEAF DISTORTION

5 SEVERE DISTORTION AND DWARFING
Cotton variety response to CLRDV Jay FL, 2019

CLRDV disease severity

Nodes with foliar symptoms

K. Lawrence, 2019
Cotton Blue Disease

*Cotton leafroll dwarf like virus* (CLRDV)
Cotton virus symptoms vs healthy plant

K. Lawrence, 2019