



**College of Agriculture and Environmental Sciences
 Department of Entomology
 Thrips as Vectors in Agricultural Commodities Lab**

The following report includes data obtained during the period November 4 – November 30 from Brooks, Colquitt, Decatur, and Tift Counties. Two fields were sampled in each of the 4 counties. Five of the target weeds were collected in one or more counties and included morning glory, Florida pusley, wild mustard, purslane, and beggarweed. Thrips were extracted from the weeds using Berlese funnels, and the total number of thrips per county ranged from 22 to 200. ELISA was performed on 126 weed samples with ___% indicating positive for tomato spotted wilt virus.

County and Field	Number of weed samples collected	Percent TSWV in weed samples	Total number of thrips collected	Number of <i>F. fusca</i>	Number of <i>F. occidentalis</i>
Brooks L1	18		179	1	0
Brooks L2	18		21	0	0
Colquitt L1	18		153	0	17
Colquitt L2	18		30	0	0
Decatur L1	18		20	0	0
Decatur L2	18		126	1	0
Tift L1	18		—	—	—
Tift L2	18		22	0	6

* Based on previous research, incidence of TSWV in more than 2% of weeds results in a high incidence year for the crop.

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