

The following report includes data obtained during the period July 19 - August 13 from Brooks, Colquitt, Decatur, and Tift Counties. Two fields were sampled in each of the 4 counties. Five of the 6 target weeds were collected in one or more counties and included beggarlice, morning glory, Florida pusley, purslane, and wild radish. Thrips were extracted from the weeds using Berlese funnels, and the total number of thrips per county ranged from 73 to 322. ELISA was performed on 261 weed samples with 1.1% 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>
<b>Brooks L1</b>	34	0 %	284	10	2
<b>Brooks L2</b>	28	7.1 % *	38	14	2

<b>Colquitt L1</b>	19	0 %	18	6	0
<b>Colquitt L2</b>	33	0 %	55	7	0
<b>Decatur L1</b>	25	0 %	12	5	0
<b>Decatur L2</b>	39	0 %	97	6	0

<b>Tift L1</b>	40	0 %	235	6	4
<b>Tift L2</b>	38	2.6 % *	40	8	1

\* Based on previous research, incidence of TSWV in more than 2% of weeds results in a high incidence year for the crop. Also worth noting, a higher number of vectors was captured in Brooks County than in the other counties.

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