

The following report includes data obtained during the period December 6th - December 15th from Brooks, Colquitt, Decatur, and Tift Counties. Two fields were sampled in each of the 4 counties. Target weeds were in a transition period between summer/fall and winter/spring. Collected this month in one or more counties were morning glory, wild radish, Carolina geranium, cudweed, sowthistle, and Virginia pepperweed. Thrips were extracted from the weeds using Berlese funnels, and the total number of thrips per county ranged from 4 to 34. ELISA was performed on 138 weed samples with 13.0 % 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	17	11.8	2	0	0
Brooks L2	18	0	2	0	0
Colquitt L1	18	16.7	0	0	0
Colquitt L2	18	11.1	15	0	1
Decatur L1	16	25.0	2	0	0
Decatur L2	18	5.6	5	1	0
Tift L1	17	29.4	9	0	0
Tift L2	16	6.3	25	0	12

Tift County recorded more vectors than in the other counties. Seven of the 8 fields used in this study contained levels of TSWV considered to be high incidence. Based on previous research, incidence of TSWV in more than 2% of weeds at the beginning of the growing season results in a high incidence year for the crop.

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