

BEET CURLY TOP VIRUS WEEKLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Weekly Report for Week Ending September 14, 2012

Kern County

Summer vegetation did not develop over much of the Kernridge oil field this year. *Bassia* is skimpy and Russian thistle appears stunted and withered. A vestige of old mustard and tumbleweed still persists, much of it is crowding the current vegetation. Beet leafhopper (BLH) counts are very light. Surveys of the north end produced 0 to 2 adults per sweep on Russian thistle. No counts were found on *Bassia*. The south end averaged 1 per sweep.

At present, Kernridge does not appear problematic. BLH surveys will continue, however, dry conditions and lack of viable host may preclude fall treatment for this area.

Williams Pump, and surrounding rangeland, appears stagnated by current weather conditions. Russian thistle is widespread; however, the plants are small and wiry. Some decay is also starting to occur. Surveys produced 1 to 3 BLH's per sweep, making the area marginal for treatment consideration at this time.

Fresno County

Survey was performed north of the Kettleman Hills in Fresno County. Several fields, containing Russian thistle and *Bassia*, were found to have relatively low BLH counts averaging 2 to 4 per single sweep.

Additional survey was performed in the hills west of Interstate 5 between Highway 198 and the Fresno Coalinga Nose. The Russian thistle in this area continues to be healthy and vibrant. BLH counts average 12-15 per single sweep with one third consisting of nymphs.

Kings County

Host plant survey was performed in the vicinity of Devils Den, north to Reef City in Kings County. Russian thistle continues to be widespread in the area but remains short and stressing under the dry conditions. Although there is plenty of Russian thistle, BLH counts continue to be low averaging 0 to 3 per sweep.

Fresno Facility

Potential fall treatment properties were updated. The maps will include potential treatment areas, endangered species locations, non-treatable properties and critical habitat.