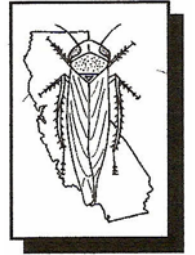


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Monthly Report for January, 2013

January remained a relatively dry month, with a total of 0.25 inches of precipitation for the month. There was more BLH activity and host plants were more noticeable. Filaree was the most widespread host plant; pepper grass was visible in some areas, although it was beginning to stress. *Plantago* was very sparse and hard to locate.

Kern County

Filaree is wide spread and abundant throughout most of Southern Kern County. Elk Horn and Western Mineral have the highest BLH counts with an average of 3 adults per 10 sweeps. No nymphs have been found. The remaining areas have spotty host plant coverage with an average BLH count of 0-1 adults per 10 sweeps.

Program personnel renewed the pesticide use permit for Kern County.

Kings County

Unfavorable weather conditions did not allow BCTV personnel to sweep in the Kettleman Hills area at the beginning of the month. Weather conditions were overcast, windy, and vegetation was extremely wet. Filaree and small traces of pepper grass had emerged in the Kettleman Hills east of Hewittson cattle guard, with an average of 4-8 adult BLH per 10 sweeps. The north tip of the Kettleman Hills was dry and lacked significant amounts of vegetation.

At McGlashan Ranch an isolated and unusually early BLH nymph hatch was discovered after sweeping filaree. Nymphs ranged from 2nd to 4th instar stage.

Fresno County

BLH counts were high in the Big "C" area of Coalinga, with counts averaging 25-30 per 10 sweeps. Low counts averaged 10-12 BLH per 10 sweeps.

In Alcalde Ranch, BLH averages were 8-10 per 10 sweeps. Winter vegetation is growing exceptionally well.

Adult BLH activity in Tumey Hills, North of Manning Ave, averaged 4-5 adults per 10 sweeps. The first nymphs of the season were found in isolated pockets in this area. In Tumey Hills, North of Panoche Rd, BLH counts were 3-4 adults per 10 sweeps on average, with counts as high as 8-9 adults per 10 sweeps.

Domengine Ranch, Coalinga Nose and the Chevron property north of 198 and East of Hwy 33 all had good vegetation by end of the month, with filaree being the dominant host plant. BLH counts were 5-8 adults per 10 sweeps on average. Zapatos Canyon was mostly dry with an average of 1 adult per 10 sweeps.



Domengine Ranch

Fresno Facility

BCTV personnel began to work on waivers to obtain access for survey and treatment in Jacalitos Canyon and oil company properties. There were two vehicles that required maintenance; one needed new tires and one had the windshield replaced.