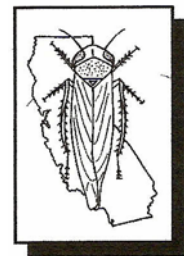


BEET CURLY TOP VIRUS WEEKLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Weekly Report for Week Ending July 27, 2012

Kern County

A total of 16,275 acres have been mapped to date in Kern County.

Host plant survey continued in the vicinity of Lost Hills. In fallow fields east of the flats, the dominating host plant is Russian thistle, along with occasional appearance of Bassia. Goosefoot is not present at this time. BLH counts average 1.2 per single sweep. Approximately 25 % of the counts are in the 2nd to 3rd instar BLH nymphs.

In the vicinity of the Lost Hills flats, fallow fields previously not grazed by live stock, have been cultivated. BLH surveys produced 1 to 3 adults and less than 1 nymph per sweep on the remaining Russian thistle.

On the east end of the Antelope Hill's Oil Field, BLH counts averaged 1.5 per single sweep comprised of 30% small nymphs. On the west end of the oil field the BLH counts are smaller. Russian thistle remains widespread in the region. Host plant survey in the Williams Pump area found similar conditions.

Fresno and Kings Counties

The initial mapping of potential fall treatment acreage was completed in Fresno and Kings Counties. More Russian thistle has developed this year compared to the past 3 years. At this time average BLH densities vary from place to place and are dependant on the host plants in the area. BLH counts generally range from 4 to 7 per single sweep across the west side of Kings and Fresno Counties. Mapped acreage is anticipated to be reduced as areas are cultivated and grazed.

BLH counts in the Utica Avenue area were 15-20 (50% nymphs) per single sweep. In several other fields, BLH counts average 5-10 per sweep. BLH counts presently vary from field to field. The Russian thistle in the vicinity of Utica Avenue is fairly dense.

Devils Den has abundant Russian thistle, but BLH counts remain low. An average of 2-3 (30% nymphs) per sweep was found general throughout the area. BLH counts on purslane were low but pigweed had a few BLH's. *Bassia* remains green and lush but the BLH counts are low. Goosefoot is definitely the preferred host plant with the highest BLH counts but goosefoot is scattered and isolated.

Host plant survey in the Coalinga Nose area found abundant Russian thistle developing with an average of 5 to 6 BLH's per single sweep and nymphs comprising 40% of the counts. In the area north of Highway 198, between Interstate-5 and Highway 33, BLH counts on Russian thistle averaged 3 to 4 per sweep with 50% nymphs.