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Kern Citrus and Subtropical Fruit

February 2021

## CRB-Funded Researcher's Request for Help!

CRB-funded researcher Dr. Sandipa Gautam, Assistant Research Entomologist, is looking for growers/PCA cooperation in a project to monitor for insecticide resistance in citrus thrips.

Citrus thrips are key pest of citrus in the San Joaquin Valley. All citrus varieties are affected, but it is of greatest economic importance to the San Joaquin Navel oranges, satsuma mandarins, and desert fruit types. Citrus thrips have a history of rapidly developing resistance to chemicals that are frequently and repeatedly used for their control. Although citrus thrips can disperse, resistance problem is generally localized to the groves. Some populations of citrus thrips in the valley have shown resistance to Delegate (spinetoram). Understanding where the resistance populations are present and the degree of resistance will help growers/PCAs choose an alternative management option, minimizing the number of treatments required and delaying resistance development.

We need your help to identify groves where citrus thrips are a problem and resistance might be an issue. We will travel to the field, collect thrips, and conduct a resistance monitoring bioassay and communicate results. This experiment is expected to begin in Spring 2021.

If you are willing to co-operate, please contact Dr. Sandipa Gautam at sangautam@ucanr.edu or 559-646-6584 with information on field location and your contact information. Thank you!

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