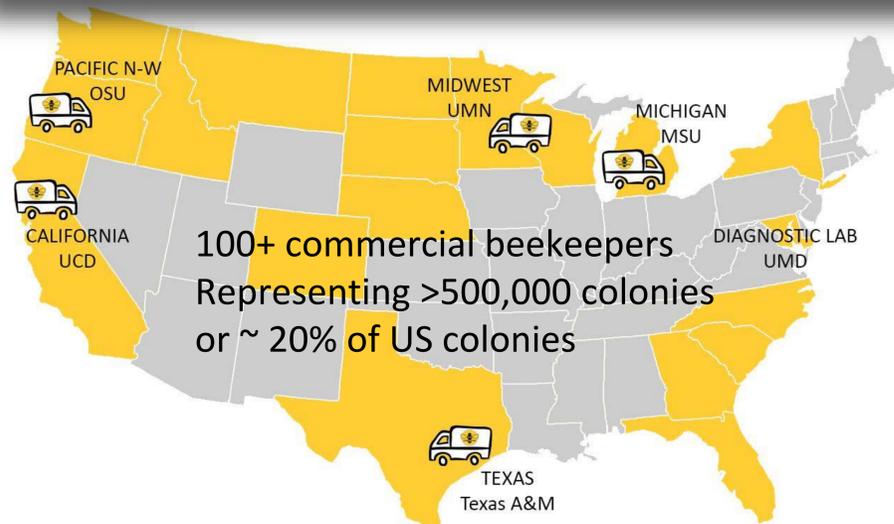




# The Impacts of the BIP Tech Transfer Team

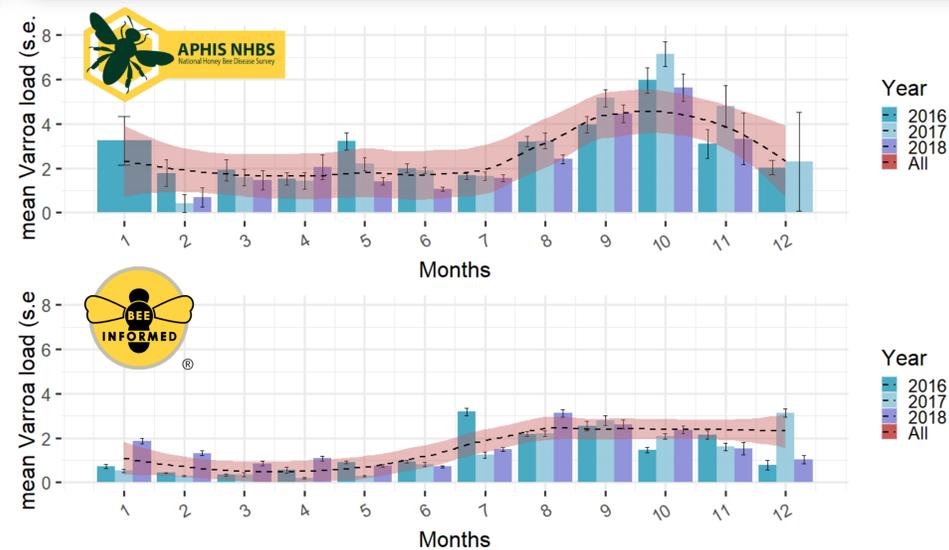
Dan Aurell, Anne Marie Fauvel, Matthew Hoepfinger, Karen Rennich, Benjamin Sallmann, Robert Snyder, Nathalie Steinhauer, Dennis vanEngelsdorp, Nelson Williams and Dan Wynn

## Tech Team Program



5 Regions, 6 Field Specialists, serving 17 states, **10 of which are the top honey producing states.**

## Varroa destructor loads



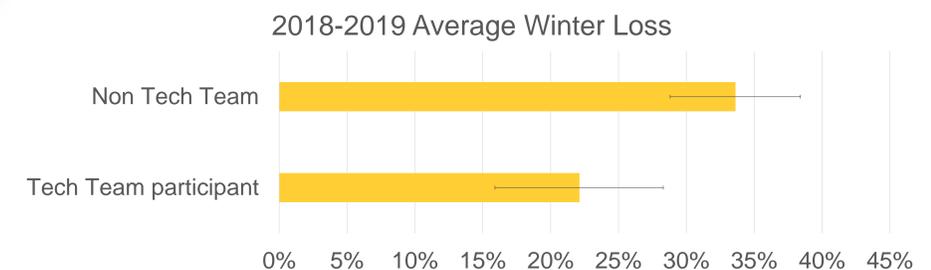
Compared to the **National Honey Bee Disease Survey**, Tech Team members show reduced loads of *Varroa* mites all through the year and particularly in the fall.

In the last year alone, the Tech Team sampled >11,000 colonies, including 9,323 alcohol washes and 479 hygienic testing, with **instant reporting.**



## Winter Loss rates

Over the winter 2018-2019, 40 beekeepers reporting participation in Tech Team lost 22.1% of their colonies, a **11.5 point reduction** from the 33.6% loss rates of non participating sideliners and commercial beekeepers.

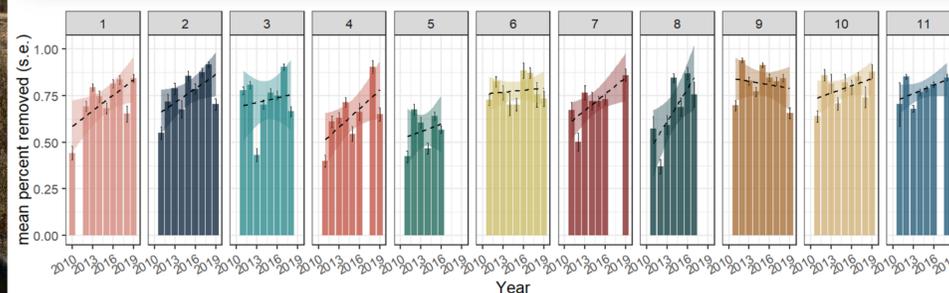


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Project ID: 18-POLL5-vanEngelsdorp



- What they do:
- Colony Inspections
  - Diagnostics and Consulting
  - Disease monitoring
  - Hygienic testing
  - Research Trials
  - Emergency Visits

## Hygienic testing



Of the 11 queen breeders who participated in our program for a minimum of 5 years, **10 showed an improvement** in their average hygienic scores over time.