



# Bee Squad Varroa Mite Testing Kit

Technology ID

20160116

## Honey Bee Health

The University of Minnesota's Bee Squad has developed a safe and effective varroa mite testing kit for beekeepers. The kit, based on the University of Nebraska's non-destructive testing method called the "powdered sugar roll," monitors varroa mite levels in honey bee colonies and supports beekeepers in regular mite monitoring to better manage their colonies based on mite levels. The reusable kit is easy to use and includes:

- a tub for collecting the bee sample and for displaying mites at the final mite count
- a scoop marked to measure 300 bees (standard sample size)
- a jar with a mesh screen for separating the bees from the mites
- powdered sugar for the test
- a bottle for water to dissolve the sugar
- brochure with user instructions

## BENEFITS AND FEATURES:

- Accurately assesses varroa mite levels in honey bee colonies
- Safe for honey bees
- Easy to use; reusable

## APPLICATIONS:

- Measuring varroa mite levels in honey bee colonies
- Monitoring varroa mites
- Managing honey bee colonies

**Phase of Development** - Product available/field tool

## Researchers

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