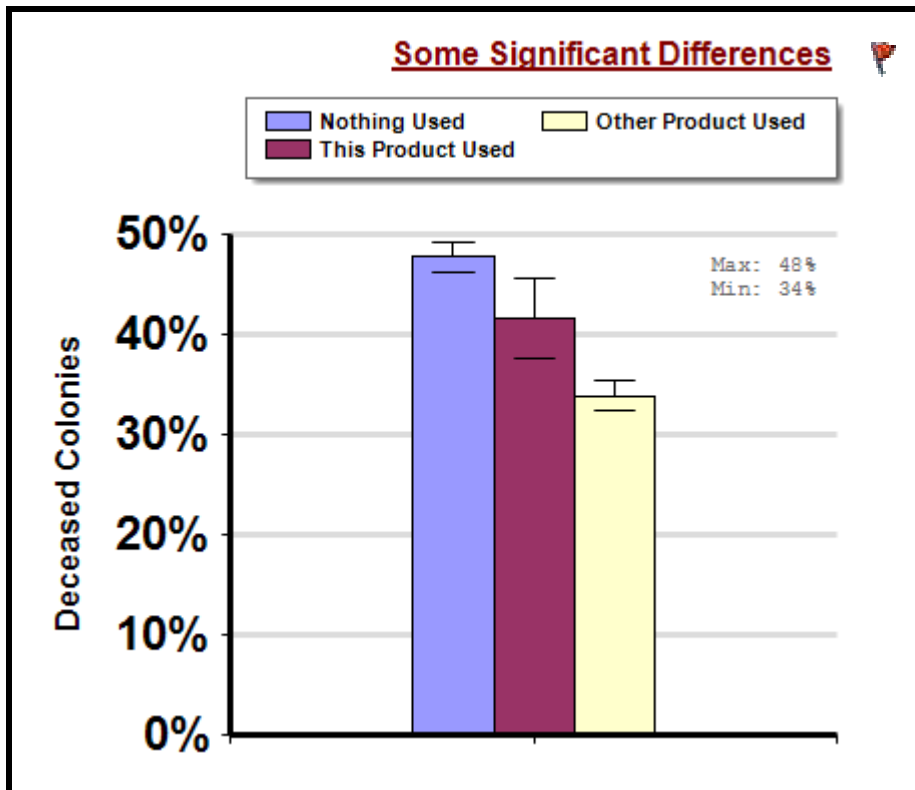




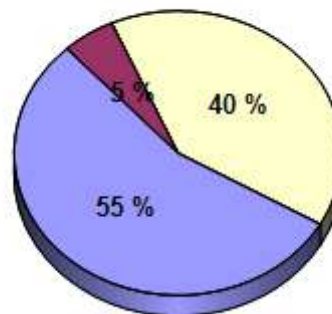
A comparison of average winter colony mortality rates after treatment with Hop Oil or Hop Guard, treatment with other products, or no treatment with a known Varroa control product, between April 2014 and March 2015.

Winter

Report ID: 309-2015



Participant Ratio



Interpretation

On average, beekeepers who treated colonies with either Hop Guard or Hop Oil experienced significantly lower winter colony mortality than beekeepers who did not treat with a known Varroa mite control product. Specifically, beekeepers who used Hop Guard or Hop Oil lost 13% fewer colonies than beekeepers who reported no treatment with a known Varroa control product.

Survey Question

Which, if any of the following products, did you apply to a majority of your colonies between April, 2014 and March, 2015?

- Hop Guard
- Hop Oil

	Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss
			Mean	Standard Error	Mean(%) [Lower, Upper] CI
Nothing Used	2,566	19,530	7.6	0.8	47.8 [46.3, 49.3]
Other Product Used	1,872	297,501	158.9	40.4	33.9 [32.4, 35.4]
Hops Used	245	51,084	208.5	71.3	41.6 [37.6, 45.7]

Comments About This Data

Relevant Links, References, and Citations



This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.