



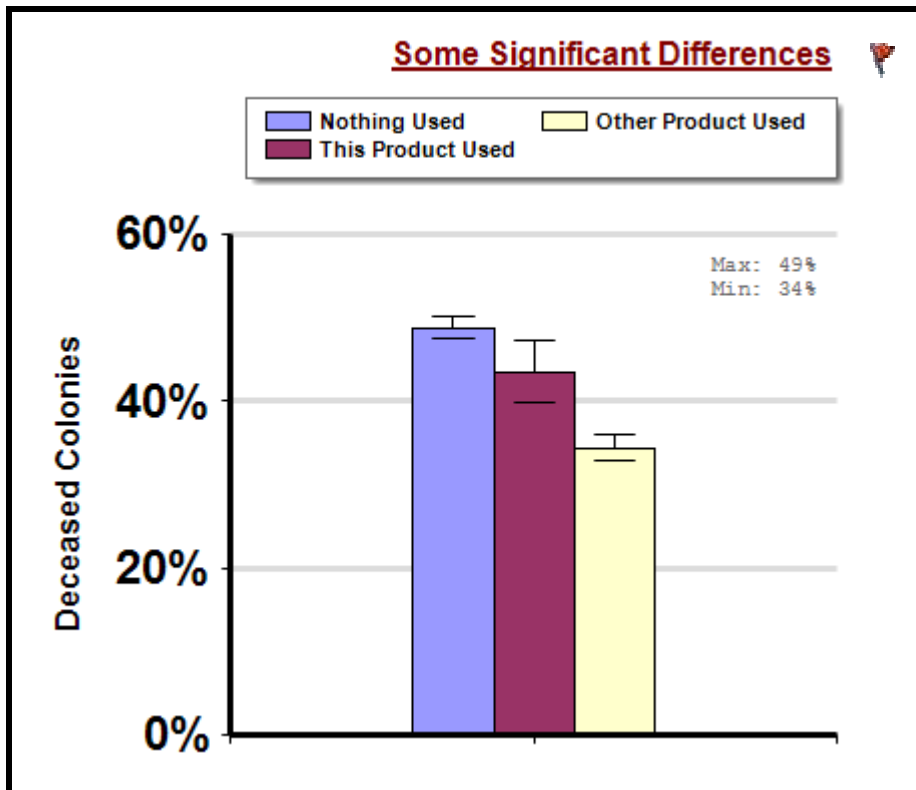
Hop Guard and Hop Oil

Management Survey 2014

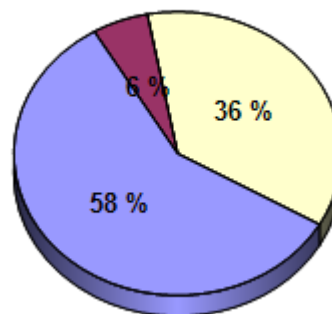
A comparison of average winter colony mortality among beekeepers who reported they did or did not apply Hop Oil or Hop Guard to a majority of their colonies, at least once, between April and March of the following year.

Winter

Report ID: 309-2014



Participant Ratio



Interpretation

Beekeepers who reported treating with Hop Guard and Hop Oil products reported 5.3 fewer overwintering colony deaths per 100 managed colonies than those who did not report using a known Varroa mite control product. In other words, beekeepers who reported treating with Hop Guard and Hop Oil products lost 10.8 % fewer colonies than those who did not report treating with any known Varroa mite control product.

Survey Question

Which, if any of the following products, did you apply to a majority of your colonies between April, 2013 and March, 2014?

- 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
Hop Guard or Hop Oil	Nothing Used	3,269	99,042	30.3	20.9	48.9 [47.5, 50.2]
	Other Product Used	2,041	382,877	187.6	27.2	34.5 [33.0, 35.9]
	This Product Used	311	44,670	143.6	53.9	43.6 [39.8, 47.3]

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.