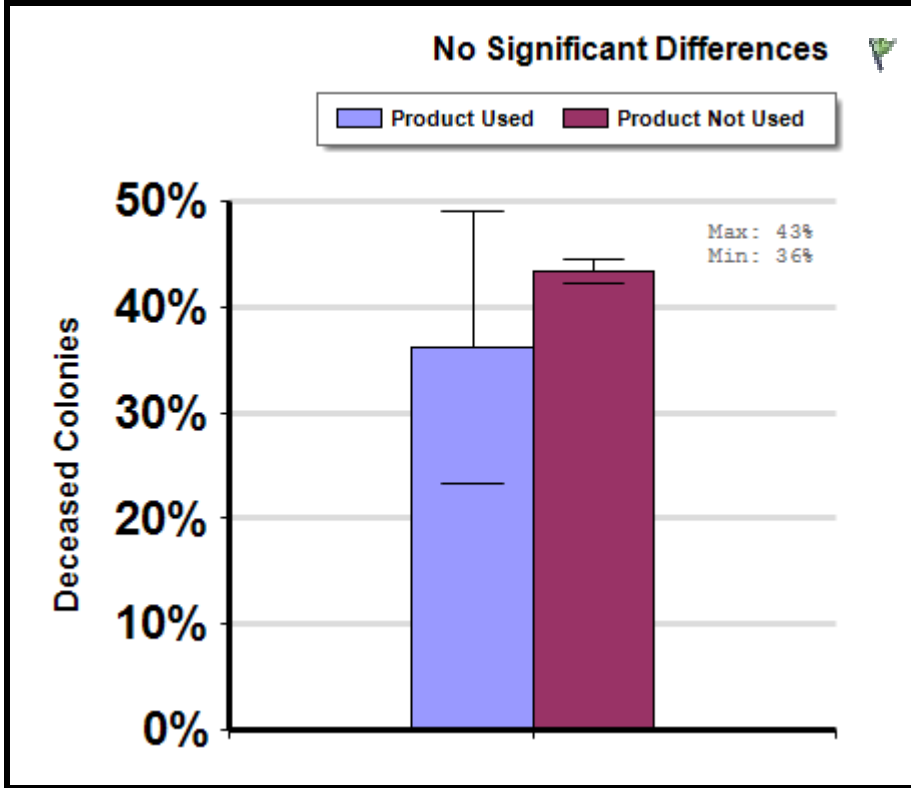




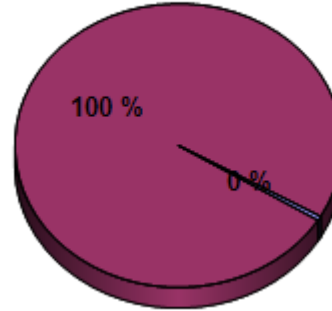
A comparison of average winter colony mortality among beekeepers who reported treating or not treating with mineral oil, at least once, between April and March.

**Winter**

Report ID: 194-2013



**Participant Ratio**



**Interpretation**

Beekeepers who reported using mineral oil did not report losing more or less colonies than those who did not report using mineral oil.

**Survey Question**

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2012 and March, 2013?

-Mineral 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
	Product Not Used	3,766	556,242	147.7	25.6	43.4 [42.2, 44.5]
	Product Used	18	937	52.1	32.9	36.2 [23.3, 49.1]

**Comments About This Data**

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## Relevant Links, References, and Citations

Funded By:



United States  
Department of  
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of Food  
and Agriculture

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.