

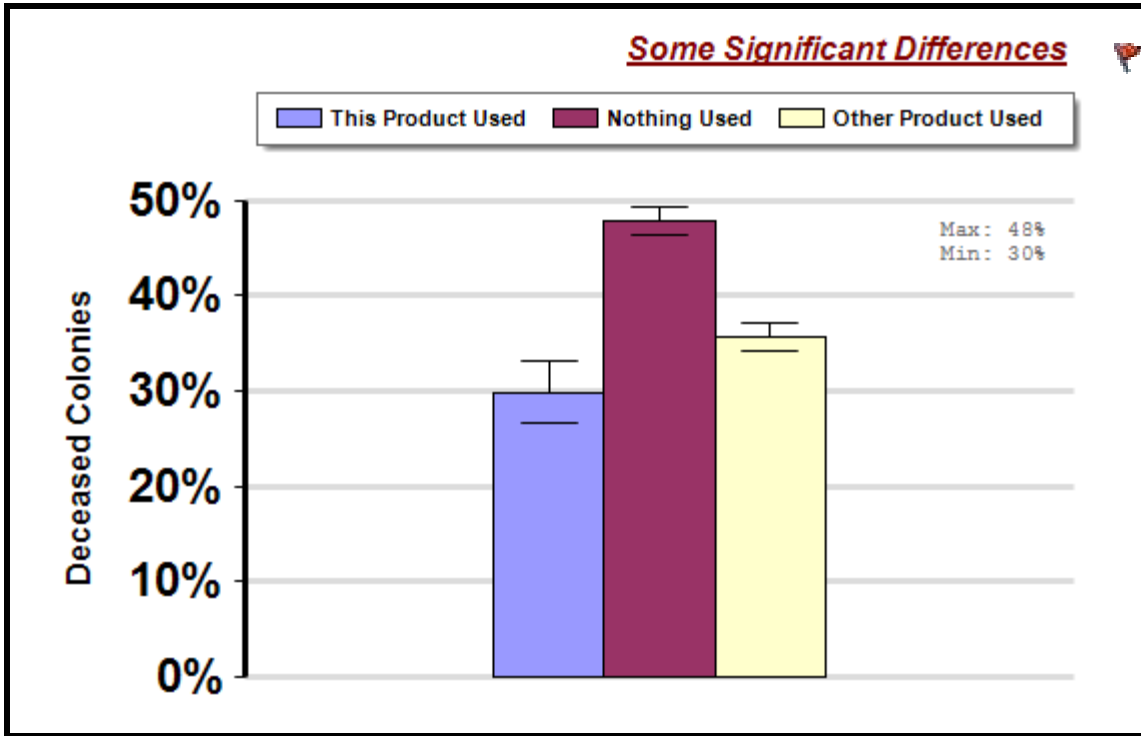


# Oxalic Acid Use

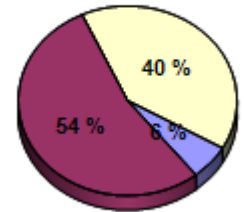
A comparison of average winter colony mortality rates after treatment with an Oxalic acid based product, treatment with other products, or no treatment with a known Varroa control product, between April 2014 and March 2015.

## Winter

Report ID: 278-2015



## Participant Ratio



## Interpretation

On average, beekeepers who treated colonies with an Oxalic acid based product experienced significantly lower winter colony mortality than beekeepers who did not treat with a known Varroa mite control product, but no difference with beekeepers who treated with other products. Specifically, beekeepers who used Oxalic acid lost 37.3% fewer colonies than beekeepers who reported no treatment with a known Varroa control product.

## Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2014 and March, 2015?

-Oxalic Acid

	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
Oxalic acid Used	288	57,455	199.5	56.3	29.9 [26.6, 33.1]
Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
Other Product Used	1,943	305,568	157.3	39.3	35.7 [34.2, 37.1]

## Comments About This Data

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### Relevant Links, References, and Citations

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National Institute  
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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.