

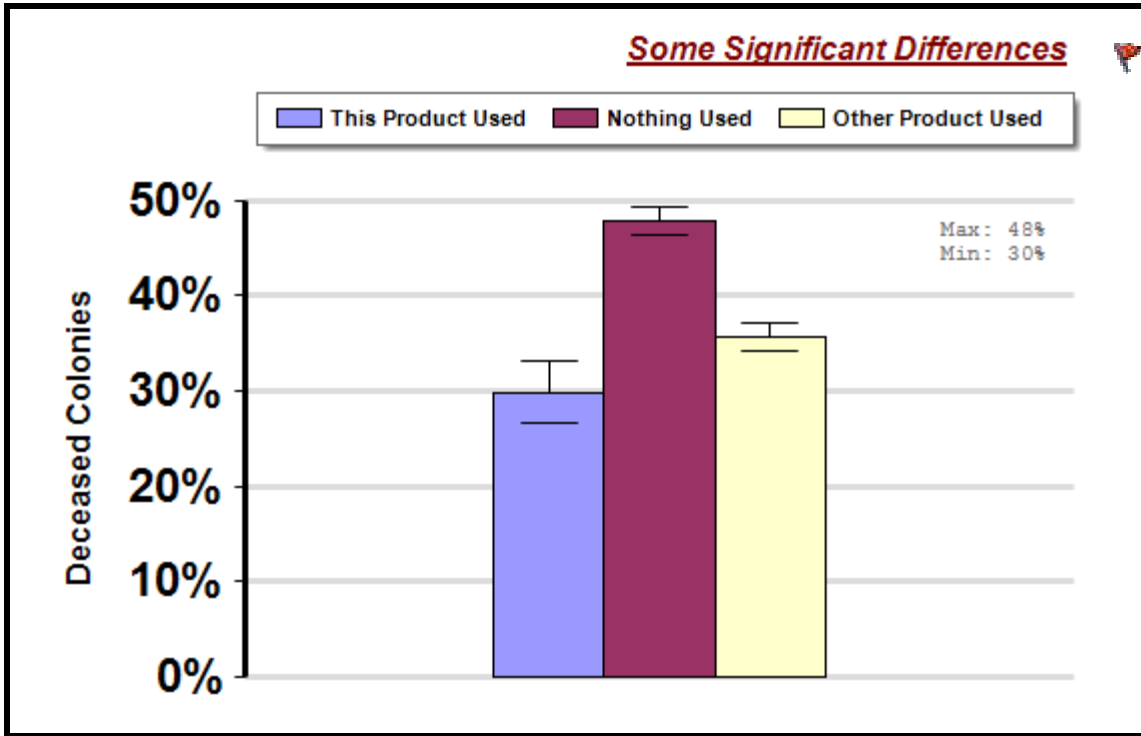


Oxalic Acid Use

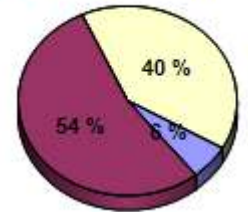
A comparison of average winter colony mortality rates after treatment with an Oxalic acid based product, treatment with other products, or no treatment with a known Varroa control product, between April 2014 and March 2015.

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

Relevant Links, References, and Citations

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