

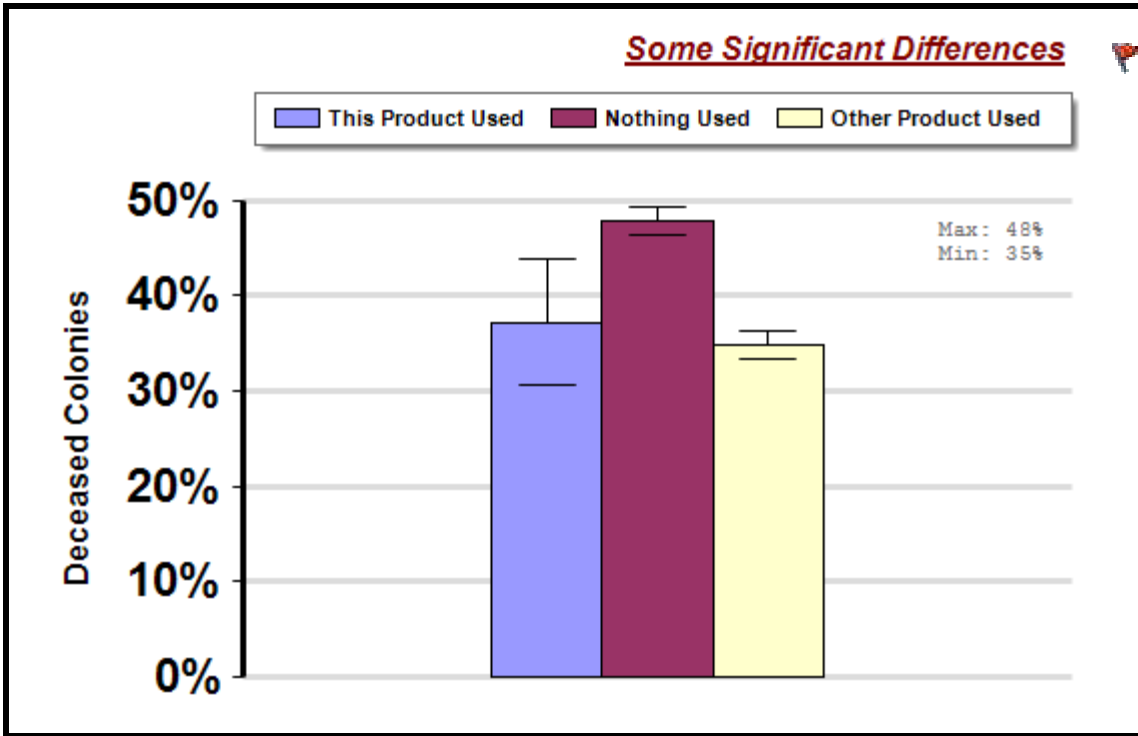


Fluvalinate Use

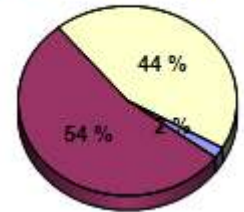
A comparison of average winter colony mortality rates after treatment with Fluvalinate based products, treatment with other products, or no treatment with a known Varroa control product, between April 2014 and March 2015.

Winter

Report ID: 271-2015



Participant Ratio



Interpretation

On average, beekeepers who treated colonies with a Fluvalinate based product (like Apistan) 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 a Fluvalinate based product lost 22% 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, 2014 and March, 2015?

-Fluvalinate

	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
Fluvalinate Used	90	8,948	99.4	50.0	37.2 [30.6, 43.8]
Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
Other Product Used	2,141	354,075	165.4	36.4	34.8 [33.4, 36.2]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
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.