



# Formic Acid Use (East North Central)

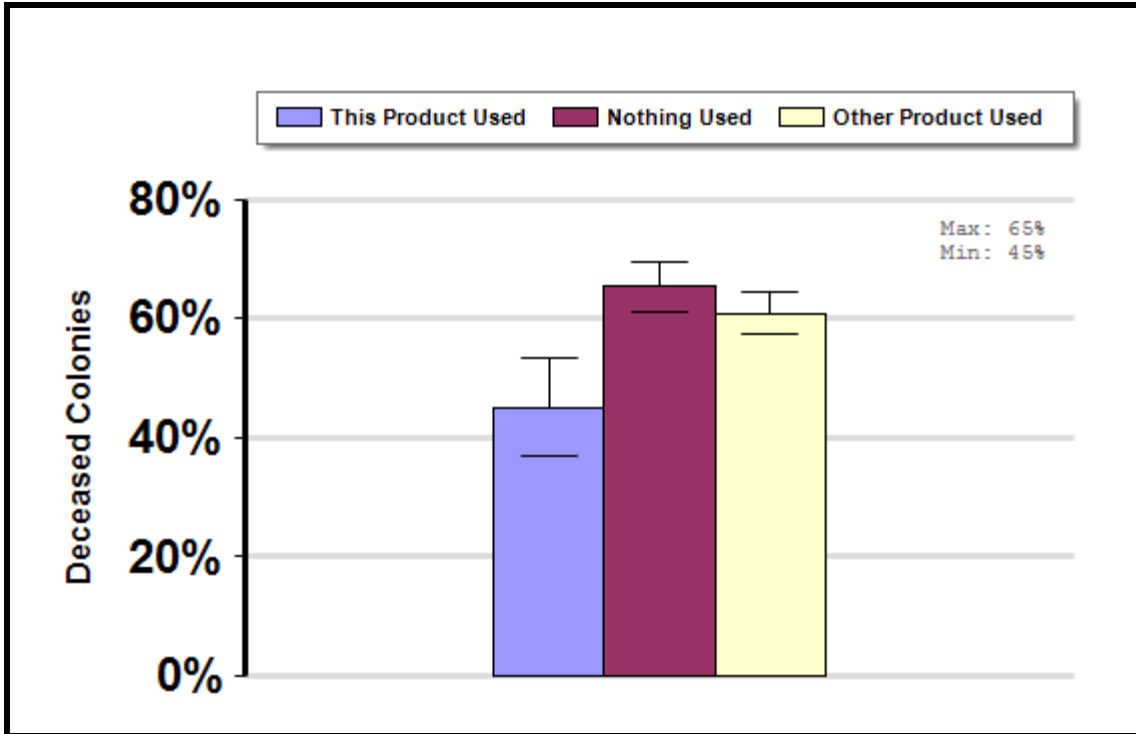
Management Survey 2013

( Filtered by: East North Central )

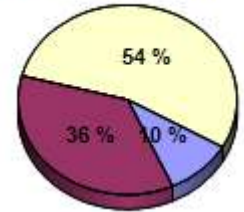
## Winter

Report ID: 277-2013

A comparison of average winter colony mortality among beekeepers who reported treating with formic acid, not treating with a known varroa mite control product, or not treating with a formic acid-based product, at least once, between April and March.



## Participant Ratio



## Survey Question

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

-Formic 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
Formic	This Product Used	63	23,060	366.0	227.4	45.1 [37.1, 53.2]
	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9, 69.6]
	Other Product Used	344	57,316	166.6	51.2	60.9 [57.4, 64.4]

## Comments About This Data

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## 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.