



# Varroa Mite Control Product Use By Product (Central)

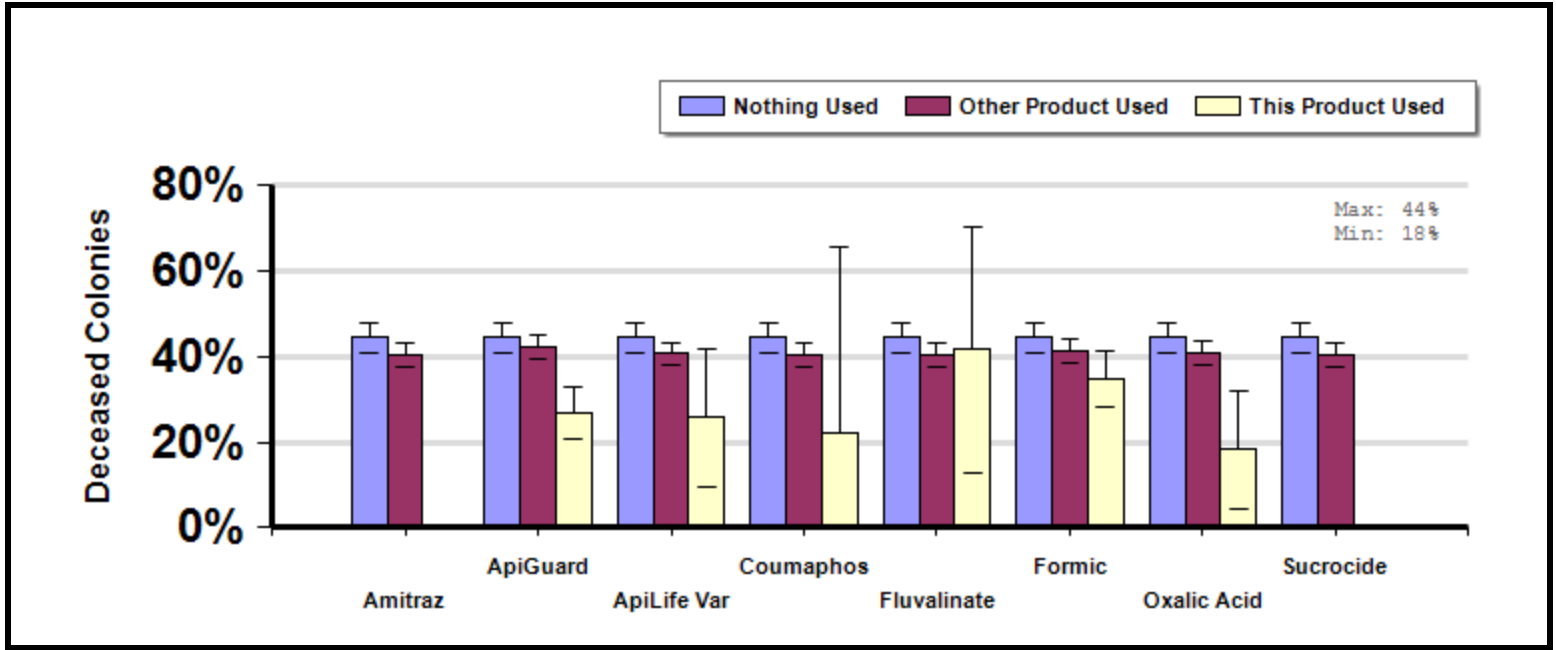
Management Survey 2013

( Filtered by: Central )

## Winter

Report ID: 54-2013

A comparison of average winter colony mortality among beekeepers who reportedly applied different known varroa control products, at least once, to a majority of their colonies between April and March of the following year. Known varroa control products include ApiGuard, ApiLife Var, Amitraz, Coumaphos (i.e. CheckMite), Fenpyroximate (Hivastan), Fluvalinate (i.e. Apistan), Formic Acid (i.e. Mite Away II) Sucroside, and Oxalic Acid. Oxalic Acid is a known varroa control product that is not registered for use in the US



## Survey Question

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

- ApiGuard
- ApiLife
- Amitraz
- Fluvalinate
- Formic Acid
- Oxalic Acid
- Sucroside

		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
Amitraz	Nothing	388	3,992	10.3	1.2	44.3 [40.9,47.7]

	Used					
	Other Product Used	616	26,603	43.2	22.9	<b>40.4 [37.7,43.0]</b>
ApiGuard	Nothing Used	388	3,992	10.3	1.2	<b>44.3 [40.9,47.7]</b>
	This Product Used	80	1,785	22.3	4.7	<b>26.9 [20.7,33.1]</b>
	Other Product Used	539	27,476	51.0	26.6	<b>42.2 [39.3,45.1]</b>
ApiLife Var	Nothing Used	388	3,992	10.3	1.2	<b>44.3 [40.9,47.7]</b>
	This Product Used	15	152	10.1	1.7	<b>25.8 [9.7,41.9]</b>
	Other Product Used	604	29,109	48.2	23.8	<b>40.6 [37.9,43.3]</b>
Coumaphos	Nothing Used	388	3,992	10.3	1.2	<b>44.3 [40.9,47.7]</b>
	This Product Used	5	30	6.0	1.8	<b>22.0 [0.0,65.4]</b>
	Other Product Used	614	29,231	47.6	23.4	<b>40.4 [37.7,43.1]</b>
Fluvalinate	Nothing Used	388	3,992	10.3	1.2	<b>44.3 [40.9,47.7]</b>
	This Product Used	11	57	5.2	1.8	<b>41.6 [13.0,70.1]</b>
	Other Product Used	608	29,204	48.0	23.6	<b>40.2 [37.5,42.9]</b>
Formic	Nothing Used	388	3,992	10.3	1.2	<b>44.3 [40.9,47.7]</b>
	This Product Used	102	19,656	192.7	135.3	<b>34.8 [28.4,41.1]</b>
	Other Product Used	517	9,605	18.6	7.3	<b>41.3 [38.4,44.3]</b>
Oxalic Acid	Nothing Used	388	3,992	10.3	1.2	<b>44.3 [40.9,47.7]</b>
	This Product Used	15	478	31.9	19.8	<b>18.2 [4.2,32.1]</b>
	Other Product	604	28,783	47.7	23.8	<b>40.8 [38.1,43.5]</b>

	Used					
Sucroside	Nothing Used	388	3,992	10.3	1.2	44.3 [40.9,47.7]
	Other Product Used	618	29,235	47.3	23.2	40.2 [37.6,42.9]

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### 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.