



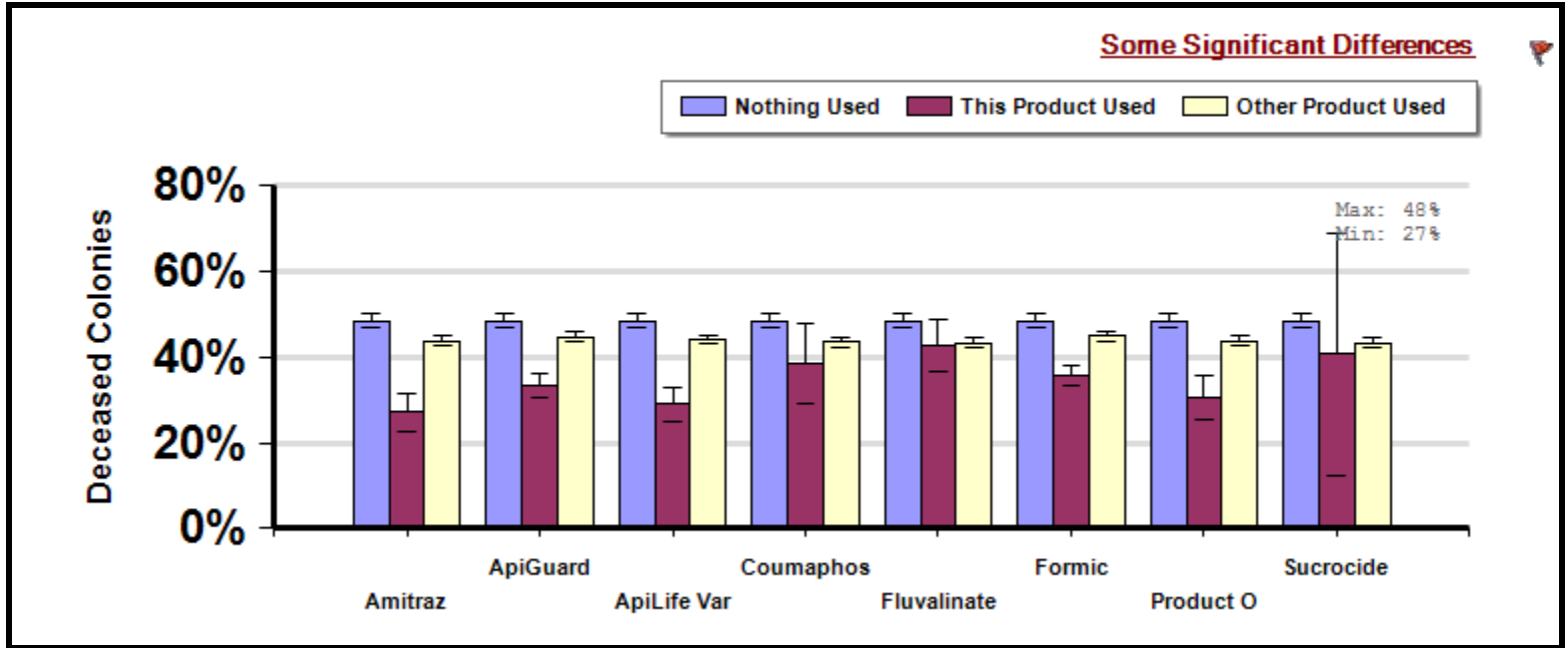
Varroa Mite Control Product Use By Product

Management Survey 2013

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.



Interpretation

The following products have shown significant differences when used for Varroa control treatment, ApiGuard, ApiLife, Amitraz, Formic Acid, and Oxalic Acid.

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 Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	91	346,341	3805.9	880.3	27.1 [22.5,31.7]
	Other Product Used	3,693	210,838	57.1	11.1	43.7 [42.6,44.9]
ApiGuard	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	467	101,888	218.2	59.2	33.2 [30.3,36.1]
	Other Product Used	3,317	455,291	137.3	27.8	44.7 [43.5,45.9]
ApiLife Var	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	189	17,582	93.0	37.2	28.9 [24.8,33.0]
	Other Product Used	3,595	539,597	150.1	26.7	44.1 [42.9,45.2]
Coumaphos	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	49	18,155	370.5	238.9	38.5 [29.1,47.9]
	Other Product Used	3,735	539,024	144.3	25.6	43.4 [42.3,44.5]
Fluvalinate	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	117	35,593	304.2	185.4	42.7 [36.6,48.7]
	Other Product Used	3,667	521,586	142.2	25.6	43.3 [42.2,44.5]
Formic	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	665	94,964	142.8	39.9	35.8 [33.5,38.2]
	Other Product Used	3,119	462,215	148.2	29.7	44.9 [43.7,46.2]
Product O	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]

	This Product Used	111	45,657	411.3	152.8	30.3 [25.2,35.5]
	Other Product Used	3,673	511,522	139.3	25.8	43.7 [42.6,44.9]
Sucroicide	Nothing Used	2,225	74,597	33.5	11.8	48.4 [46.9,49.9]
	This Product Used	8	62	7.8	3.1	40.6 [12.4,68.9]
	Other Product Used	3,776	557,117	147.5	25.5	43.3 [42.2,44.4]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States

National Institute

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.