



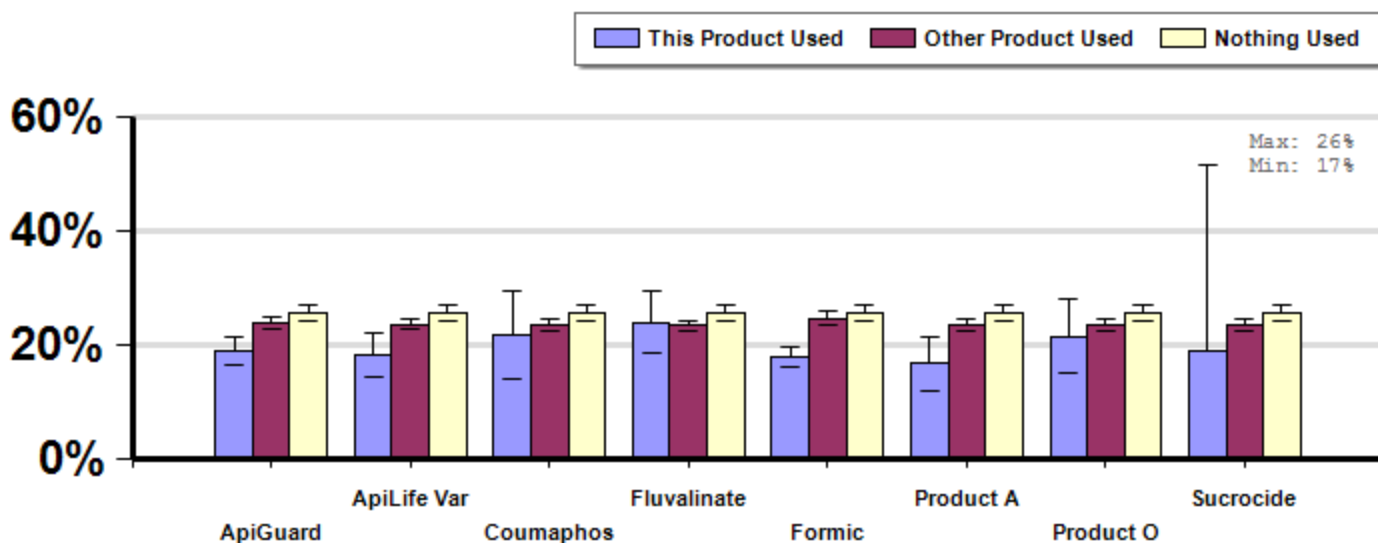
Varroa Mite Control Product Use By Product

Winter

Report ID: 54-2012

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, 2011 and March, 2012. Known varroa control products include ApiGuard, ApiLife Var, Coumaphos (i.e. CheckMite), Fenpyroximate (Hivastan), Fluvalinate (i.e. Apistan), Formic Acid (i.e. Mite Away II) Sucroicide, product A and product O. Products A and O are known varroa control products that are not registered for use in the US.

Some Significant Differences



Interpretation

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

Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2011 and March, 2012?

- ApiGuard
- ApiLife
- Coumaphos
- Fluvalinate
- Formic Acid
- Product A
- Product O
- Sucroicide

		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 95% CI	Upper 95% CI
ApiGuard	This Product Used	399	43,646	109.4	45.2	19.1	16.6	21.6
	Other Product Used	3,210	189,612	59.1	11.9	24.0	22.9	25.1
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
ApiLife Var	This Product Used	171	2,143	12.5	2.0	18.3	14.4	22.3
	Other Product Used	3,438	231,115	67.2	12.3	23.7	22.7	24.7
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
Coumaphos	This Product Used	44	1,624	36.9	20.9	21.8	14.1	29.5
	Other Product Used	3,565	231,634	65.0	11.8	23.5	22.5	24.5
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
Fluvalinate	This Product Used	116	1,762	15.2	4.5	24.1	18.5	29.7
	Other Product Used	3,493	231,496	66.3	12.1	23.4	22.4	24.4
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
Formic	This Product Used	666	64,973	97.6	31.1	17.9	16.1	19.6
	Other Product Used	2,943	168,285	57.2	12.5	24.7	23.6	25.9
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
Product A	This Product Used	43	167,451	3894.2	778.4	16.8	12.2	21.3
	Other Product Used	3,566	65,807	18.5	2.0	23.5	22.5	24.5
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
Product O	This Product Used	58	4,113	70.9	20.3	21.6	15.3	28.0
	Other Product Used	3,551	229,145	64.5	11.9	23.5	22.5	24.5
	Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
Sucroside	This Product Used	5	28	5.6	1.9	19.1	0.0	51.6
	Other Product Used	3,604	233,230	64.7	11.7	23.5	22.5	24.5

Nothing Used	2,217	27,915	12.6	2.4	25.8	24.4	27.1
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Comments About This Data

Relevant Links, References, and Citations

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