



Varroa Mite Control Product Use By Product (Pennsylvania)

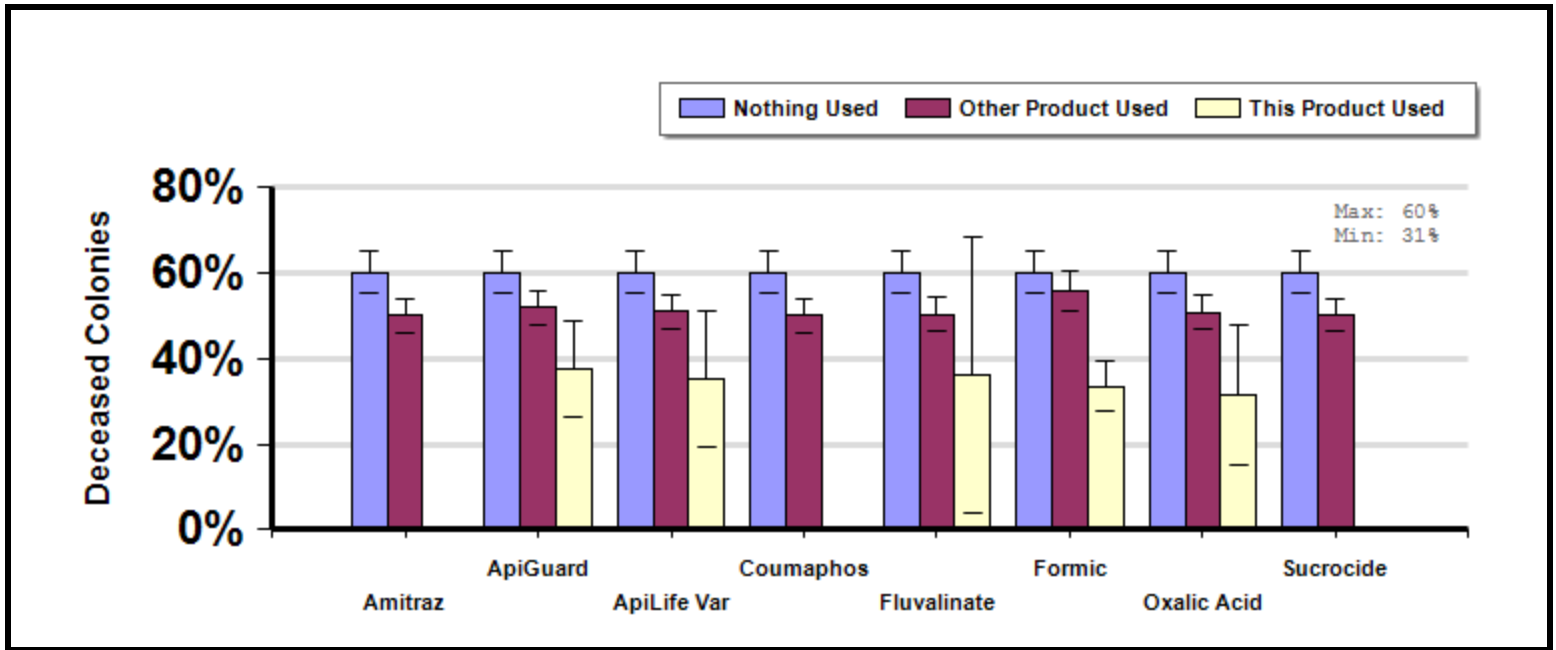
Management Survey 2013

(Filtered by: Pennsylvania)

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	186	6,298	33.9	22.7	60.1 [55.1, 65.1]

	Used					
	Other Product Used	322	25,490	79.2	44.8	50.0 [46.1,53.8]
ApiGuard	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]
	This Product Used	41	8,585	209.4	132.5	37.6 [26.5,48.8]
	Other Product Used	283	25,388	89.7	51.6	51.8 [47.7,55.9]
ApiLife Var	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]
	This Product Used	18	4,988	277.1	259.3	35.2 [19.4,51.0]
	Other Product Used	306	28,985	94.7	48.6	50.9 [46.9,54.8]
Coumaphos	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]
	Other Product Used	320	33,951	106.1	48.7	50.0 [46.1,53.9]
Fluvalinate	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]
	This Product Used	7	146	20.9	16.6	36.0 [3.8,68.2]
	Other Product Used	317	33,827	106.7	49.1	50.3 [46.4,54.2]
Formic	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]
	This Product Used	84	18,720	222.9	163.7	33.5 [27.6,39.3]
	Other Product Used	240	15,253	63.6	30.5	55.8 [51.2,60.4]
Oxalic Acid	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]
	This Product Used	14	313	22.4	8.2	31.5 [15.2,47.8]
	Other Product Used	310	33,660	108.6	50.2	50.8 [46.9,54.8]
Sucroside	Nothing Used	186	6,298	33.9	22.7	60.1 [55.1,65.1]

Other Product Used	323	33,969	105.2	48.2	50.2 [46.3,54.0]
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Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

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