

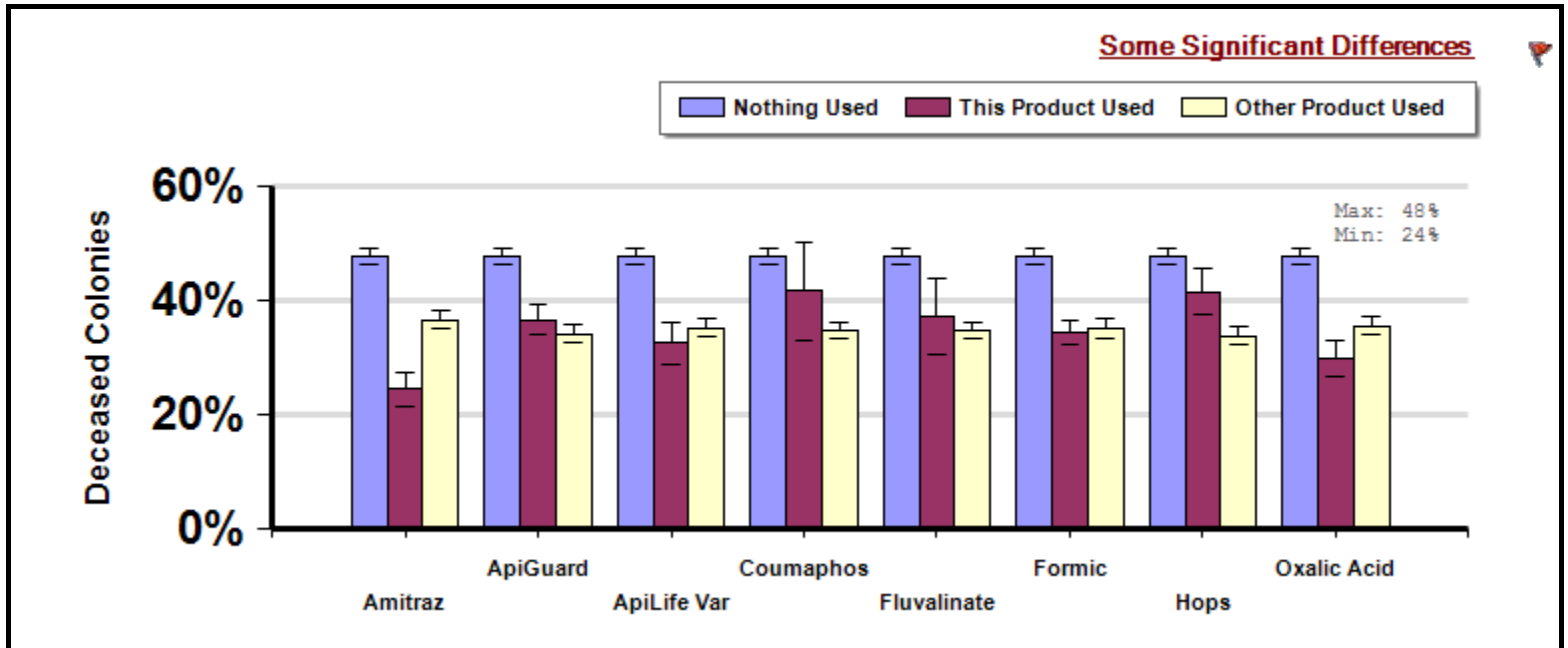


## Varroa Mite Control Product Use By Product

A comparison of average winter colony mortality among beekeepers who reported applying different known Varroa control products, at least once, to a majority of their colonies between April 2014 and March 2015. 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.

### Winter

Report ID: 54-  
2015



### Interpretation

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

### Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2014 and March, 2015?

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

		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	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	327	314,124	960.6	230.9	24.5 [21.6, 27.4]
	Other Product Used	1,904	48,899	25.7	6.4	36.7 [35.2, 38.2]
ApiGuard	Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	616	73,082	118.6	34.5	36.7 [34.1, 39.3]
	Other Product Used	1,615	289,941	179.5	46.5	34.2 [32.7, 35.8]
ApiLife Var	Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	293	16,540	56.5	36.3	32.5 [28.8, 36.3]
	Other Product Used	1,938	346,483	178.8	39.8	35.3 [33.8, 36.7]
Coumaphos	Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	63	1,052	16.7	4.3	41.7 [33.1, 50.2]
	Other Product Used	2,168	361,971	167.0	36.0	34.7 [33.4, 36.1]
Fluvalinate	Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	90	8,948	99.4	50.0	37.2 [30.6, 43.8]
	Other Product Used	2,141	354,075	165.4	36.4	34.8 [33.4, 36.2]
Formic	Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	927	102,436	110.5	30.0	34.5 [32.4, 36.5]
	Other Product Used	1,304	260,587	199.8	55.8	35.2 [33.4, 37.1]
Hops	Nothing Used	2,566	19,530	7.6	0.8	47.8 [46.3, 49.3]
	This Product Used	245	51,084	208.5	71.3	41.6 [37.6, 45.7]
	Other Product Used	1,872	297,501	158.9	40.4	33.9 [32.4, 35.4]
Oxalic Acid	Nothing Used	2,605	19,715	7.6	0.7	47.7 [46.3, 49.2]
	This Product Used	288	57,455	199.5	56.3	29.9 [26.6, 33.1]
	Other Product Used	1,943	305,568	157.3	39.3	35.7 [34.2, 37.1]

## Comments About This Data

## Relevant Links, References, and Citations

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