



Varroa Mite Control Product Use By Product (North)

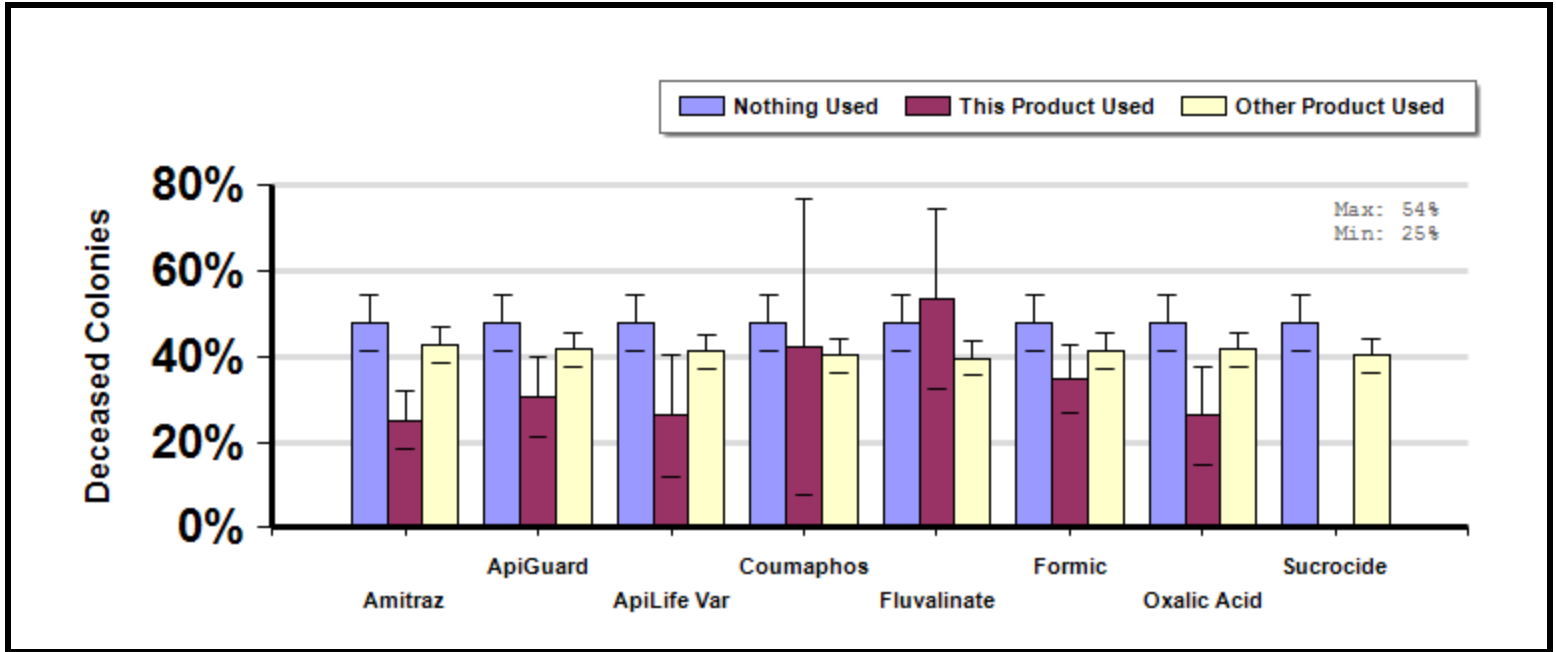
Management Survey 2013

(Filtered by: North)

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 Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product Used	41	234,555	5720.9	1828.3	25.1 [18.3,31.9]
	Other Product Used	247	113,808	460.8	149.2	42.7 [38.5,46.9]
ApiGuard	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product Used	36	46,668	1296.3	658.3	30.5 [21.3,39.7]
	Other Product Used	252	301,695	1197.2	338.8	41.5 [37.4,45.7]
ApiLife Var	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product Used	20	8,439	422.0	245.8	26.1 [11.9,40.3]
	Other Product Used	268	339,924	1268.4	329.5	41.2 [37.3,45.2]
Coumaphos	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product Used	7	14,789	2112.7	1598.0	42.2 [7.5,76.9]
	Other Product Used	281	333,574	1187.1	312.7	40.1 [36.3,44.0]
Fluvalinate	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product Used	13	26,471	2036.2	1612.5	53.5 [32.6,74.4]
	Other Product Used	275	321,892	1170.5	313.2	39.5 [35.7,43.4]
Formic	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product Used	51	21,381	419.2	157.3	34.9 [26.9,42.8]
	Other Product Used	237	326,982	1379.7	371.2	41.3 [37.0,45.6]
Oxalic Acid	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	This Product	27	35,973	1332.3	580.8	26.1 [14.7,37.5]

	Used					
	Other Product Used	261	312,390	1196.9	334.0	41.6 [37.6,45.6]
Sucroside	Nothing Used	114	43,329	380.1	221.5	47.8 [41.3,54.3]
	Other Product Used	287	348,361	1213.8	308.4	40.1 [36.3,43.9]

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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