



Varroa Mite Control Product Use By Product (West)

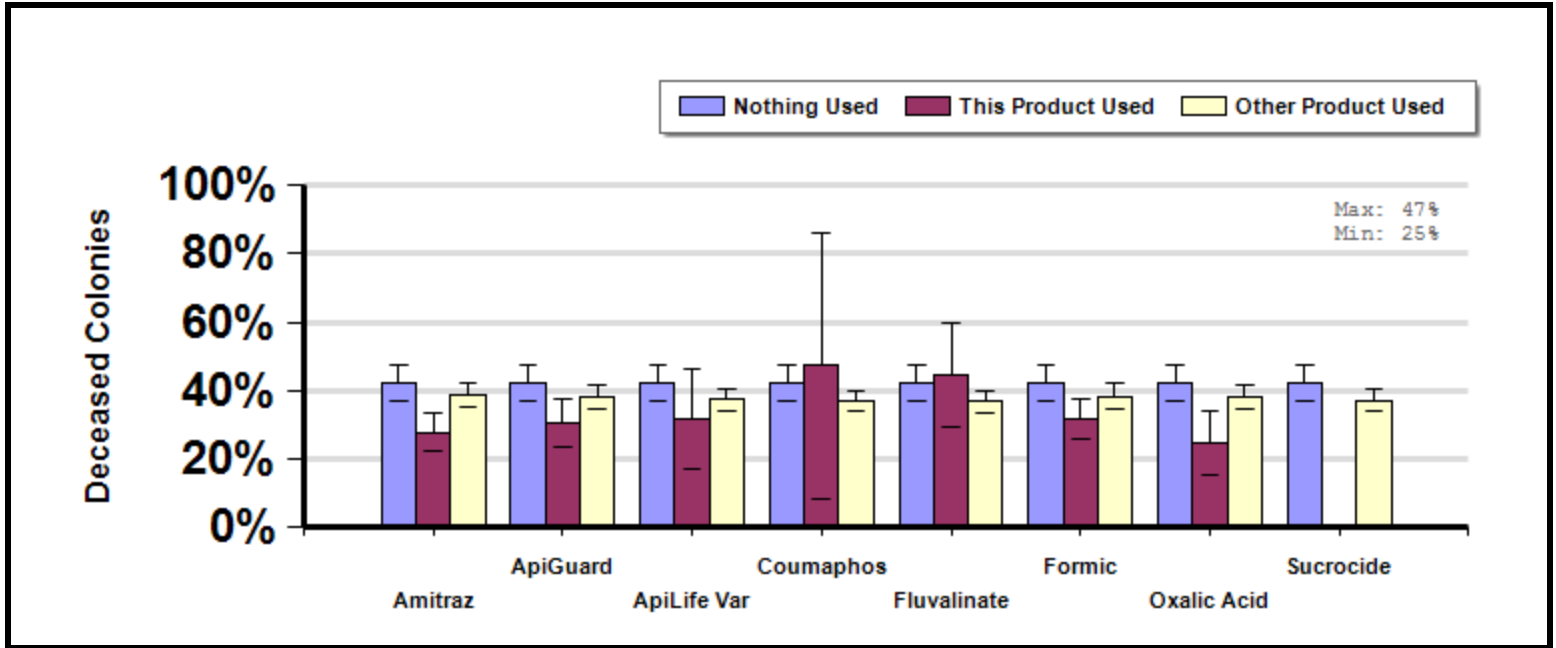
Management Survey 2013

(Filtered by: West)

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	176	49,542	281.5	145.6	42.0 [36.7, 47.3]

	Used					
	This Product Used	66	328,016	4969.9	1180.7	27.9 [22.2,33.6]
	Other Product Used	344	132,616	385.5	110.7	38.9 [35.4,42.4]
ApiGuard	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	This Product Used	59	81,190	1376.1	430.5	30.5 [23.3,37.6]
	Other Product Used	351	379,442	1081.0	254.4	38.3 [34.8,41.7]
ApiLife Var	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	This Product Used	22	12,739	579.0	295.4	31.6 [16.9,46.3]
	Other Product Used	388	447,893	1154.4	238.5	37.5 [34.2,40.7]
Coumaphos	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	This Product Used	6	4,908	818.0	446.0	47.3 [8.5,86.1]
	Other Product Used	404	455,724	1128.0	229.6	37.0 [33.8,40.1]
Fluvalinate	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	This Product Used	20	32,761	1638.1	1054.0	44.5 [29.2,59.9]
	Other Product Used	390	427,871	1097.1	232.0	36.8 [33.6,40.0]
Formic	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	This Product Used	77	69,807	906.6	328.1	31.8 [26.0,37.6]
	Other Product Used	333	390,825	1173.6	268.3	38.4 [34.8,42.0]
Oxalic Acid	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	This Product	29	40,828	1407.9	549.4	24.6 [15.4,33.8]

	Used					
	Other Product Used	381	419,804	1101.8	240.1	38.1 [34.8,41.4]
Sucroside	Nothing Used	176	49,542	281.5	145.6	42.0 [36.7,47.3]
	Other Product Used	407	460,622	1131.7	228.0	37.2 [34.1,40.4]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

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.