



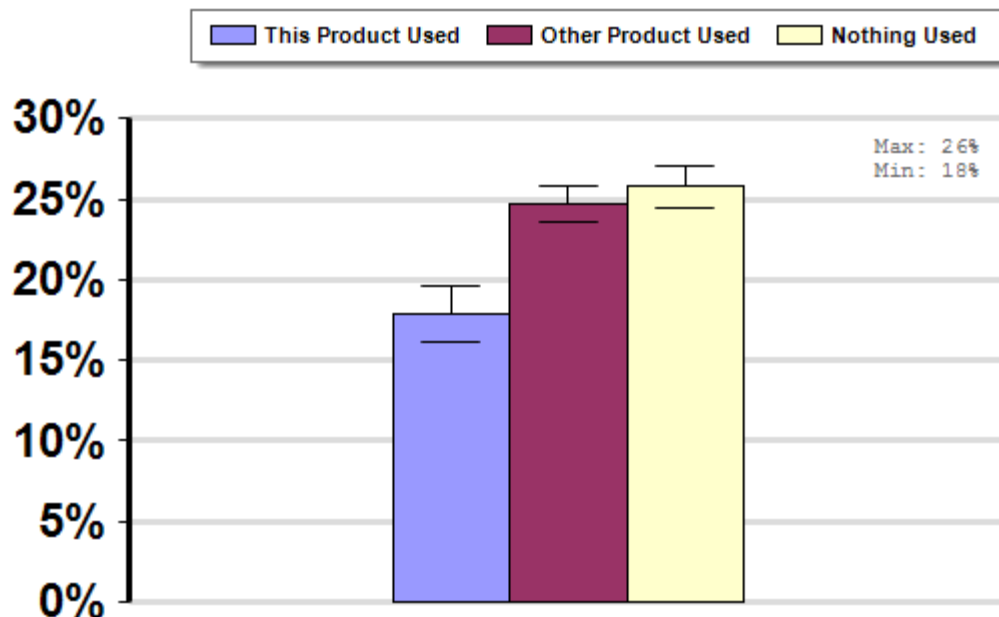
## Formic Acid Use

A comparison of average winter colony mortality among beekeepers who reported treating or not treating with a formic acid-based product, at least once, between April, 2011 and March, 2012.

### Winter

Report ID: 277-2012

*Some Significant Differences*



### Interpretation

Beekeepers who reported treating with a formic acid-based product reported 7.9 fewer overwintering colony deaths per 100 managed colonies than those who did not report using fewer colonies than those who did not report treating with any known varroa mite control product.

### Survey Question

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

		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
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

## Comments About This Data

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### Relevant Links, References, and Citations

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