

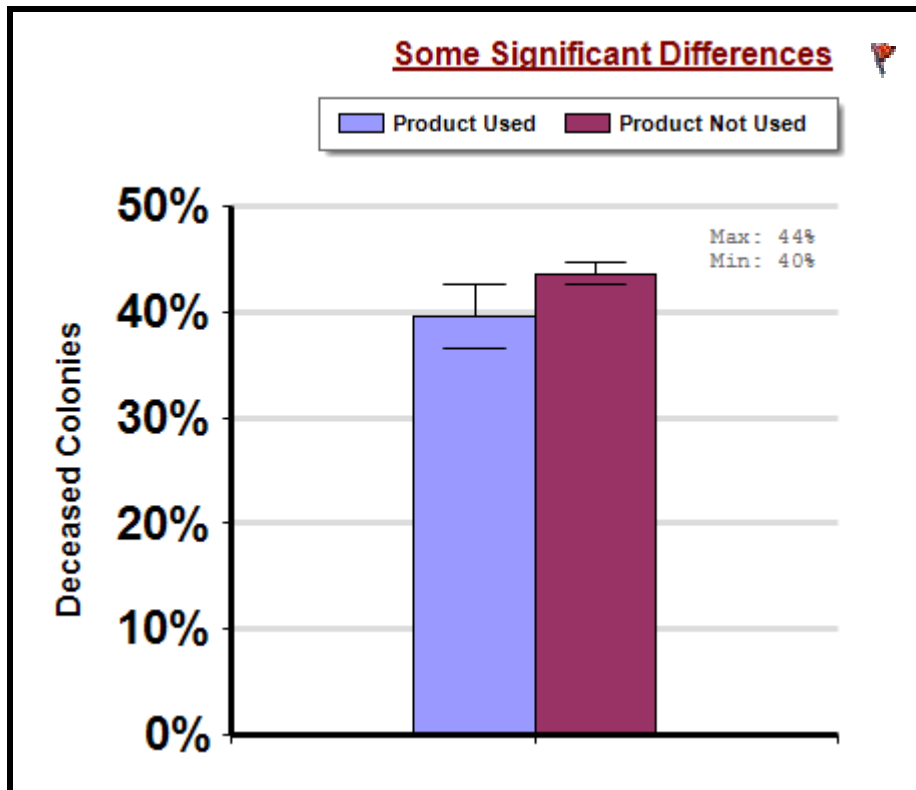


# Antibiotic Product Use

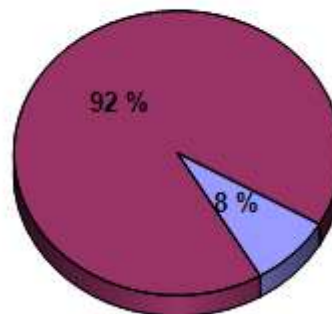
A comparison of winter mortality among those who indicated they applied an antibiotic (Terramycin and/or Tylosin (Tylan)), at least once, to a majority of their colonies between April and March.

## Winter

Report ID: 36-2014



## Participant Ratio



## Interpretation

Beekeepers who reported treating with an antibiotic product reported on average 4.1 fewer overwintering colony deaths per 100 managed colonies than those who did not report using an antibiotic product. In other words, beekeepers who reported treating with an antibiotic product lost 9.4% fewer colonies than the ones who did not report treating with any known antibiotic product.

## Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April, 2013 and March, 2014?

- Terramycin
- Tylosin (Tylan)

		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
	Product Not Used	5,157	97,095	18.8	3.3	43.7 [42.6, 44.7]
	Product Used	464	429,494	925.6	185.7	39.6 [36.6, 42.6]

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## Comments About This Data

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## Relevant Links, References, and Citations



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.