

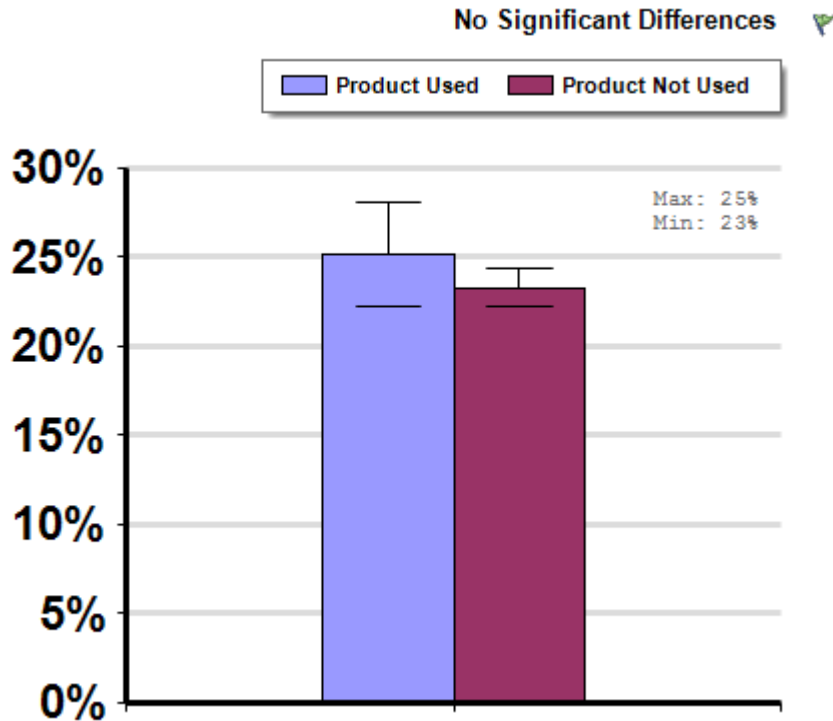


# Antibiotic Product Use

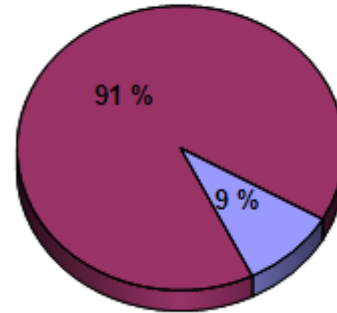
## Winter

Report ID: 36-2012

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, 2011 and March, 2012.



## Respondent Ratio



## Interpretation

Beekeepers who treated with antibiotics did not report losing more or less colonies than those who did not report treating with antibiotics. In other words, there was not a significant difference. A majority (91%) of responding beekeepers did not treat with antibiotics.

## Survey Question

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

- Terramycin
- Tylosin

		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
	Product Not Used	3,268	68,920	21.1	5.3	23.3	22.2	24.3
	Product Used	341	164,338	481.9	110.4	25.1	22.2	28.0

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## Comments About This Data

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### 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.