

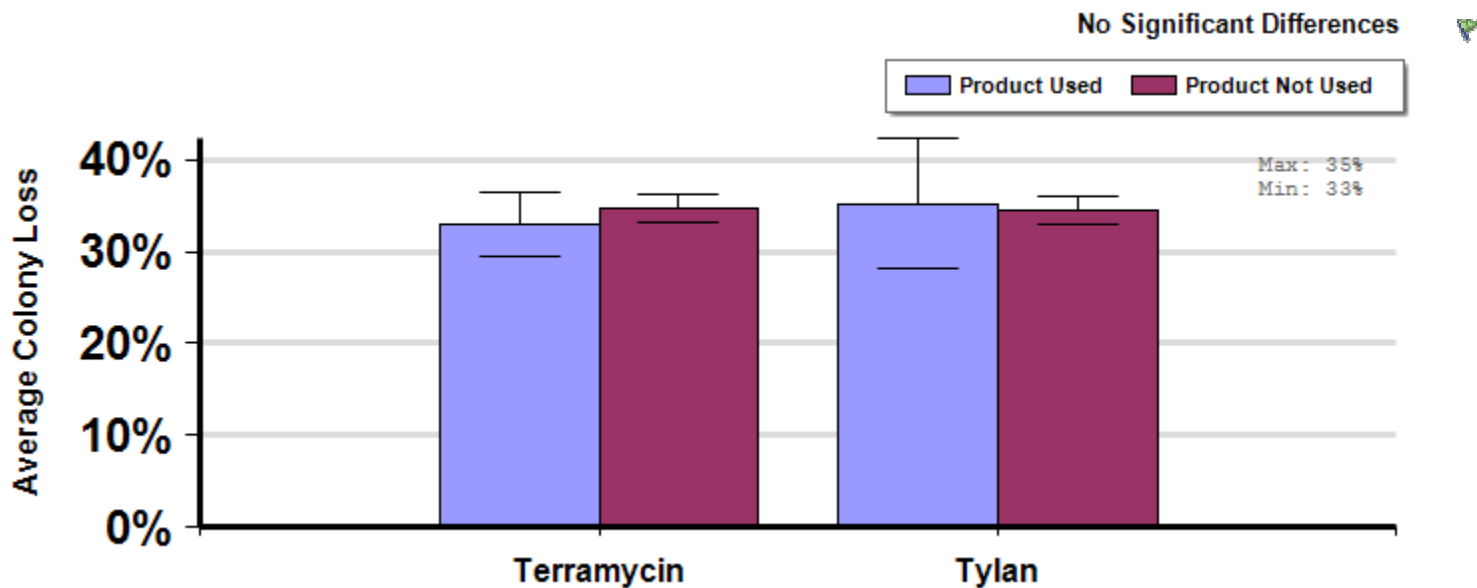


## Antibiotic Use By Product

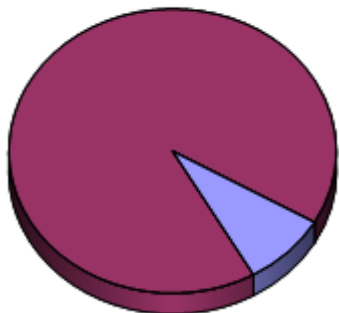
A comparison of average winter colony mortality among beekeepers who applied or did not apply either Terramycin or Tylosin (Tylan), at least once, to a majority of their colonies between April 2010 and March 2011.

### Winter

Report ID: 60



### Respondent Ratio



### Interpretation

**No difference within groups**

### Survey Question

19. For the products listed below, indicate in which months you applied the product to a majority of your colonies.

- 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 95% CI	Upper 95% CI
Terramycin	Product Used	341	75,277	220.8	66.5	33.0	29.4	36.5
	Product Not Used	2,020	88,575	43.8	10.0	34.7	33.1	36.3
Tylan	Product Used	58	78,315	1350.3	309.4	35.2	28.1	42.2
	Product Not Used	2,303	85,537	37.1	9.9	34.4	33.0	35.9

### Comments About This Data

Few reported use – more respondents are needed to make confident interpretations of these data.

### Relevant Links, References, and Citations

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National Institute  
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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.