



Antibiotic Use By Region

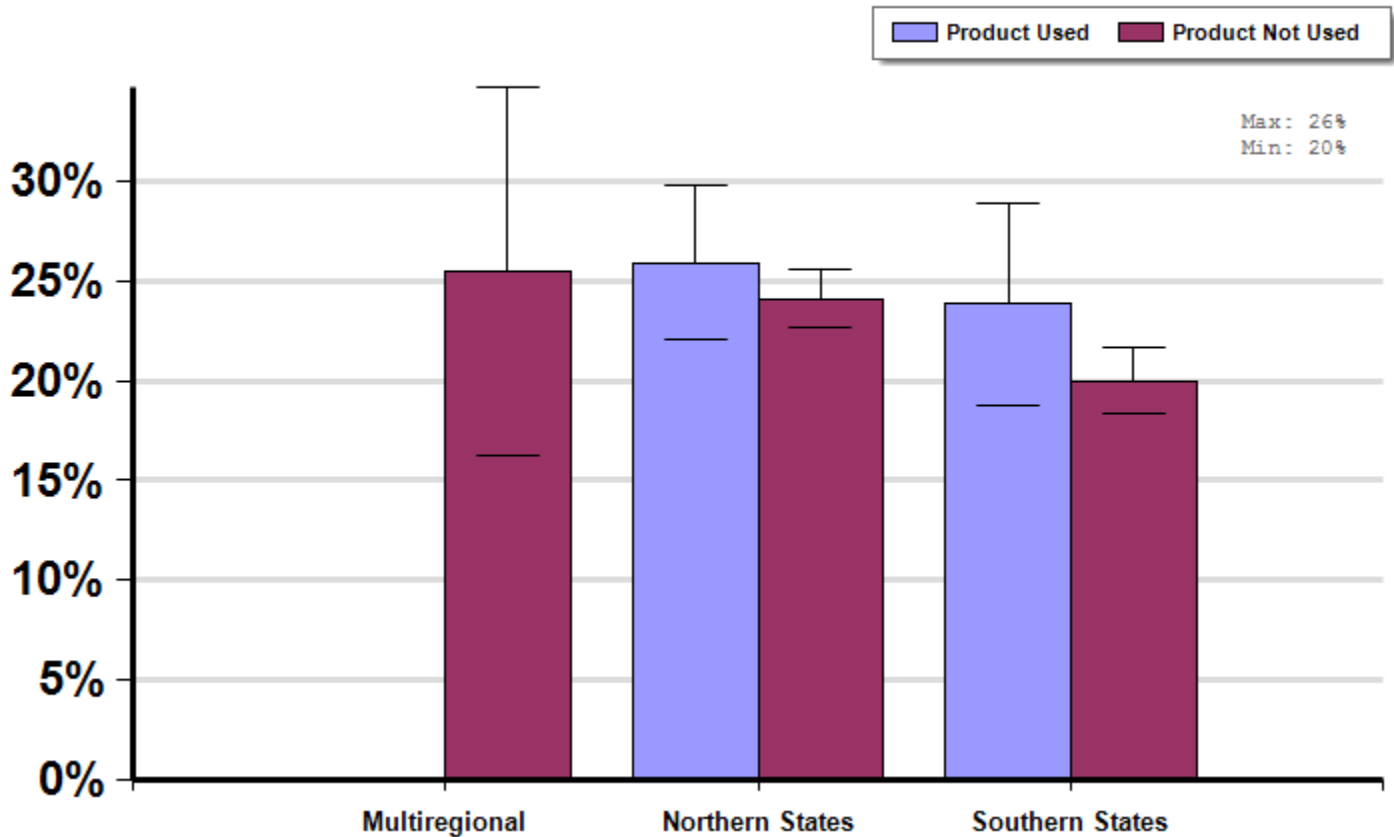
Management Survey 2012

Winter

Report ID: 48-2012

A comparison of average winter colony mortality among beekeepers who did or did not apply an antibiotic (either Terramycin or Tylosin (Tylan)), at least once, to a majority of their colonies between April, 2011 and March, 2012 by region of operation.

No Significant Differences (within regions)



Respondent Ratio



Interpretation

No differences between groups.

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
- 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
Multiregional	Product Not Used	34	18,234	536.3	440.0	25.5	16.2	34.7
Northern States	Product Used	206	73,222	355.4	134.7	25.9	22.0	29.8
	Product Not Used	1,761	23,877	13.6	2.2	24.1	22.7	25.6
Southern States	Product Used	97	15,699	161.8	62.2	23.8	18.8	28.9
	Product Not Used	1,036	19,145	18.5	7.3	20.0	18.3	21.7

Comments About This Data

Relevant Links, References, and Citations

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Department of
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