



Antibiotic Use By Region

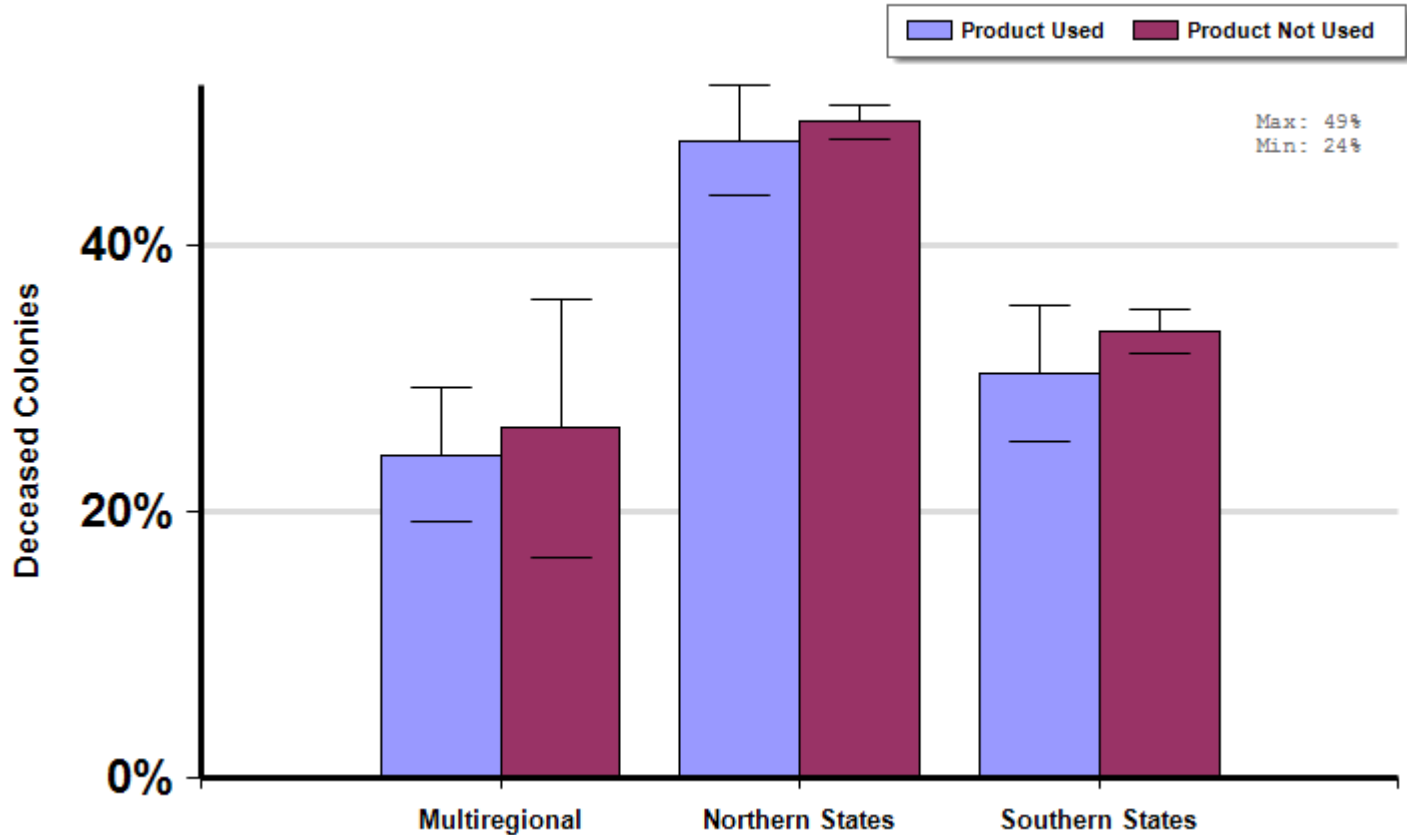
Management Survey 2014

Winter

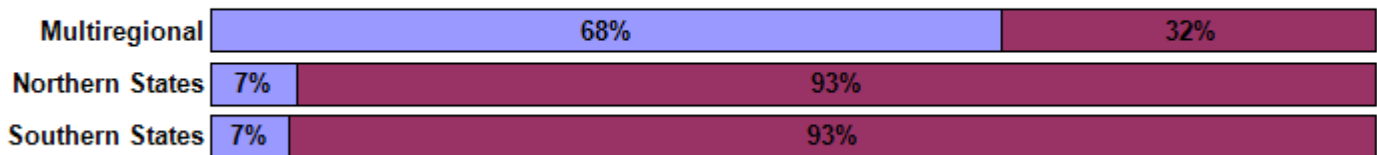
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A comparison of average winter colony mortality among beekeepers who did or did not apply an antibiotic (either Terramycin or Tylosin (Tylan)), at least once, to a majority of their colonies between April and March by region of operation.

No Significant Differences (within regions)



Respondent Ratio



Interpretation

There are no significant differences between the groups.

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
Multiregional	Product Used	72	371,579	5160.8	1041.1	24.2 [19.2, 29.3]
	Product Not Used	34	34,943	1027.7	367.8	26.3 [16.5, 36.0]
Northern States	Product Used	271	11,363	41.9	8.4	47.9 [43.8, 52.0]
	Product Not Used	3,398	32,197	9.5	1.3	49.3 [48.0, 50.6]
Southern States	Product Used	120	42,952	357.9	147.7	30.3 [25.2, 35.5]
	Product Not Used	1,669	26,464	15.9	5.1	33.5 [31.9, 35.2]

Comments About This Data

Relevant Links, References, and Citations

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