



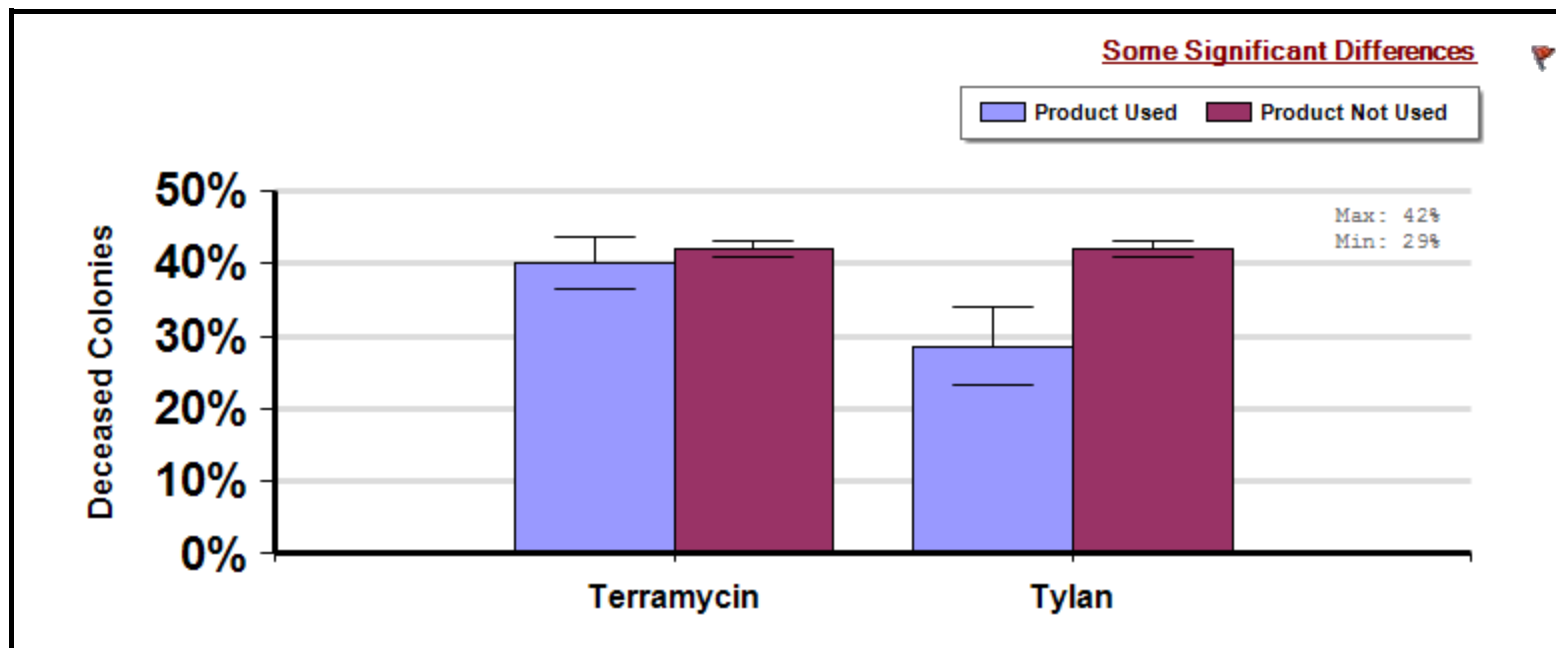
Antibiotic Use By Product

Management
Survey 2015

A comparison of average winter colony mortality among beekeepers who did or did not apply either Terramycin or Tylosin (Tylan), at least once, to a majority of their colonies between April 2014 and March 2015.

Winter

Report ID: 60-
2015



Interpretation

On average, beekeepers who treated colonies with Tylan antibiotics experienced significantly lower winter colony mortality. Specifically, beekeepers who used Tylan lost 31.9% fewer colonies than beekeepers who reported no treatment with an antibiotic product. Beekeepers who applied Terramycin to their colonies did not lose more or less colonies than those who did not apply Terramycin.

Survey Question

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

- 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, Upper] CI
Terramycin	Product Used	299	220,379	737.1	239.2	40.1 [36.4, 43.7]
	Product Not Used	4,537	162,359	35.8	6.5	41.9 [40.9, 43.0]
Tylan	Product Used	75	263,180	3509.1	942.9	28.6 [23.2, 34.0]

Product Not Used	4,761	119,558	25.1	3.5	42.0 [41.0,43.1]
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Comments About This Data

Relevant Links, References, and Citations

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