



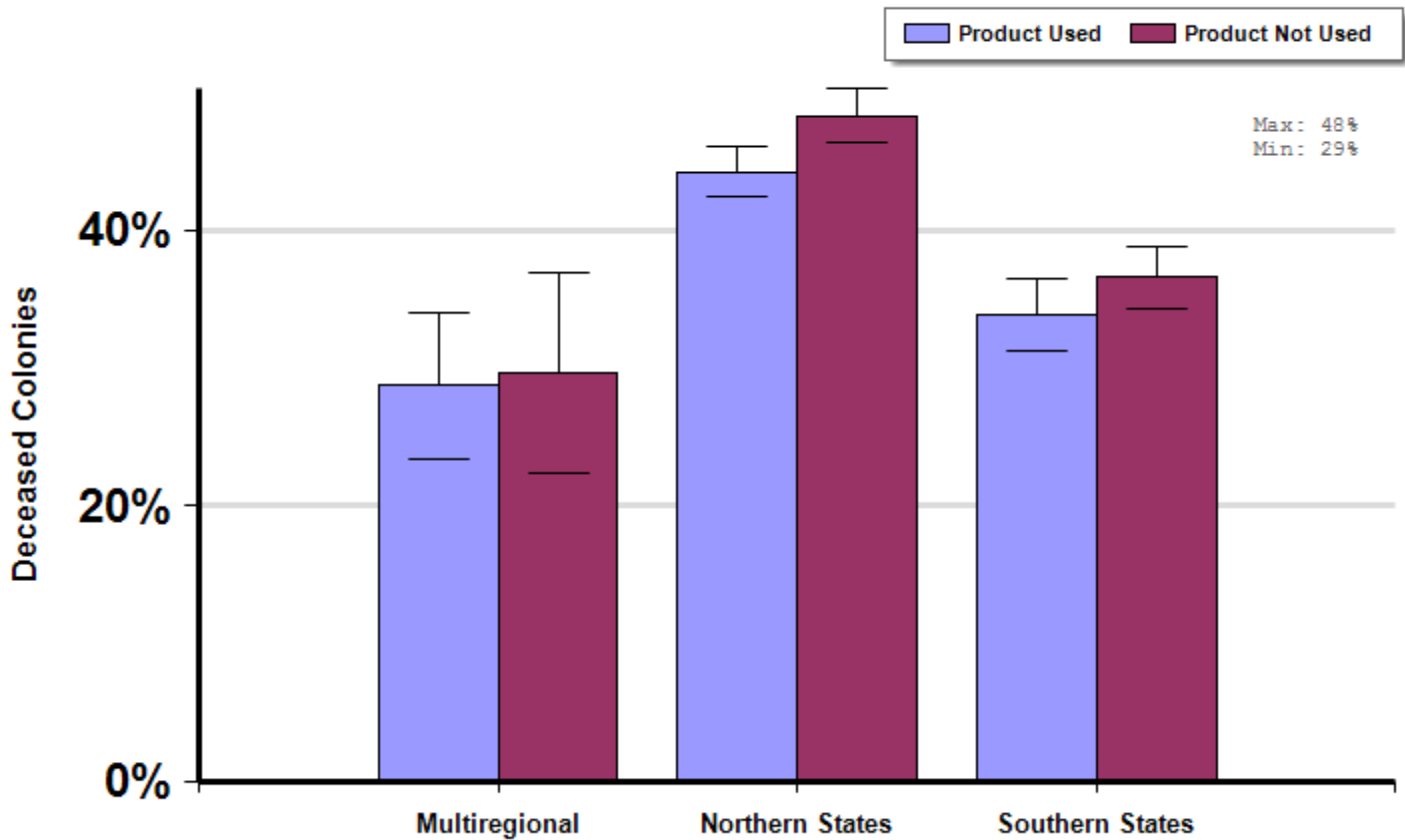
Protein Feed Use By Region

Winter

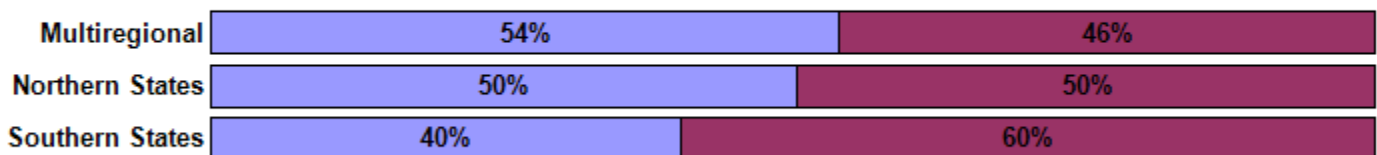
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A comparison of winter mortality among those who indicated they did feed and those who did not feed a majority of their colonies, at least once between April and March, with a protein feed by region of operation. Protein feed included: Self-made protein feed containing pollen, Self-made protein feed without real pollen, Bee Pro, MegaBee, Global Patties, and other Commercial protein feeds.

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern beekeepers who fed the majority of their colonies with a protein feed reported 4 less overwintering colony deaths per 100 managed colonies than those who did not feed the majority of their colonies with a protein feed. In other words, beekeepers in the northern states who fed protein lost 8.3% less colonies than those who did not feed protein. Beekeepers who managed colonies across regions or in the southern states did not suffer fewer or greater losses based on their use of protein feed.

Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2014 and March, 2015?

- Self-made protein feed containing pollen
- Self-made protein feed without real pollen
- Bee Pro
- MegaBee
- Global Patties
- Other commercial protein feeds

		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	81	239,413	2955.7	859.6	28.8 [23.4, 34.1]
	Product Not Used	69	14,446	209.4	90.6	29.7 [22.5, 36.9]
Northern States	Product Used	1,498	37,278	24.9	7.4	44.3 [42.5, 46.1]
	Product Not Used	1,474	11,691	7.9	0.8	48.3 [46.4, 50.3]
Southern States	Product Used	609	42,417	69.7	32.5	33.9 [31.3, 36.5]
	Product Not Used	900	14,665	16.3	4.9	36.6 [34.3, 38.9]

Comments About This Data

Relevant Links, References, and Citations

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