



Fumagillin Use By Region

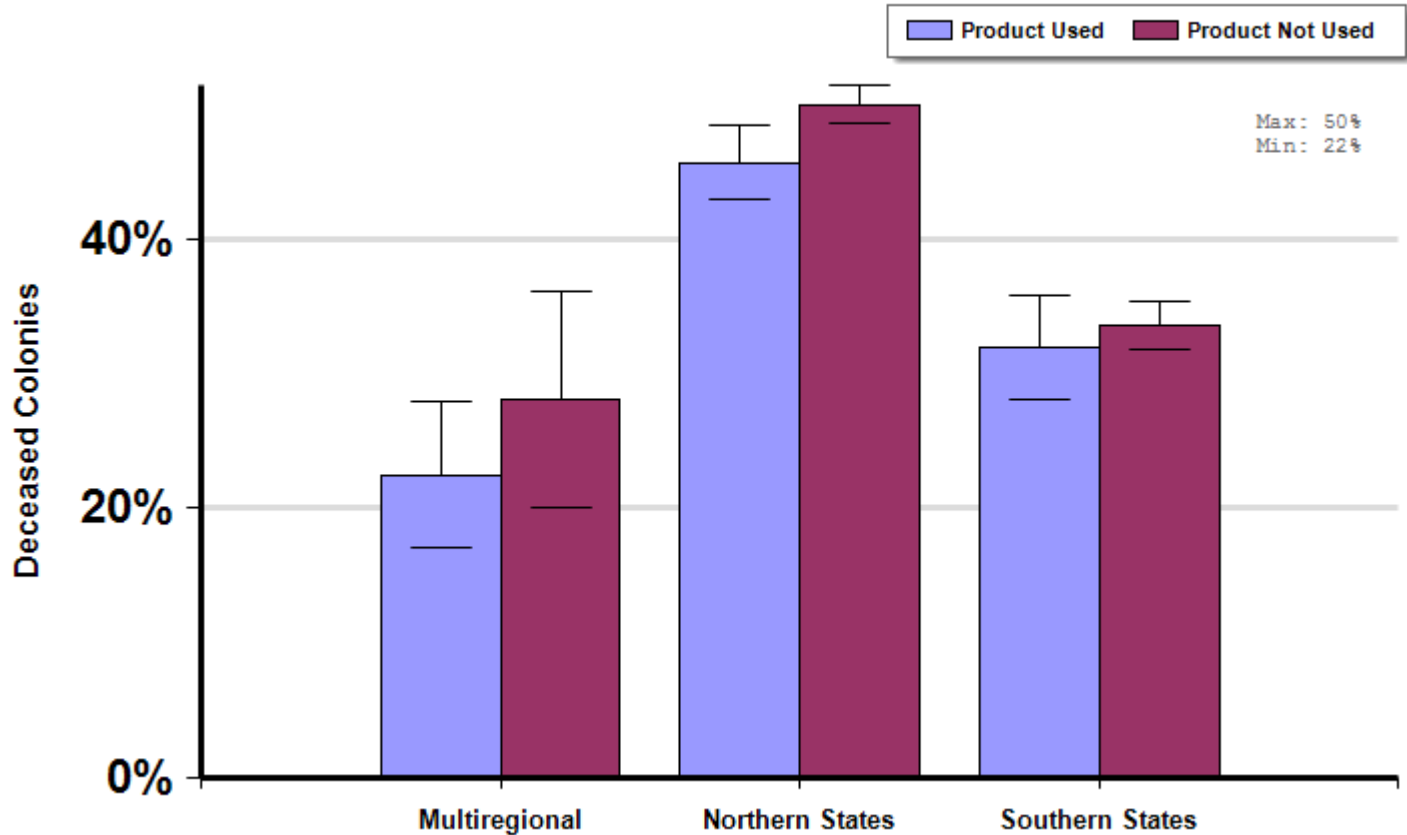
Management Survey 2014

Winter

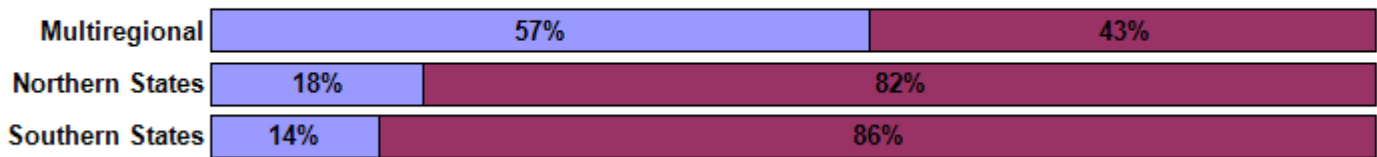
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A comparison of winter mortality among those who indicated they did or did not apply Fumagillin (registered for Nosema Control), at least once, to a majority of their colonies, between April and March by region of operation.

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Beekeepers in the North who treated with Fumagillin saw 4.3 fewer overwintering colony deaths per 100 managed colonies (8.6 % fewer losses) than those beekeepers in the North who did not treat with Fumagillin. There was no statistical difference for beekeepers who kept colonies in the South.

Survey Question

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

-Fumagillin

		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	60	253,459	4224.3	1170.1	22.5 [17.1, 27.9]
	Product Not Used	46	153,063	3327.5	767.6	28.0 [20.0, 36.0]
Northern States	Product Used	671	14,555	21.7	6.7	45.7 [42.9, 48.4]
	Product Not Used	2,998	29,005	9.7	0.8	50.0 [48.6, 51.4]
Southern States	Product Used	258	21,919	85.0	38.3	32.0 [28.1, 35.8]
	Product Not Used	1,531	47,497	31.0	11.3	33.5 [31.8, 35.3]

Comments About This Data

Relevant Links, References, and Citations

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