



The Bee Informed Partnership Management Survey Results (2011) Nosema Control

BeeInformed.org

Funded by:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

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This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.

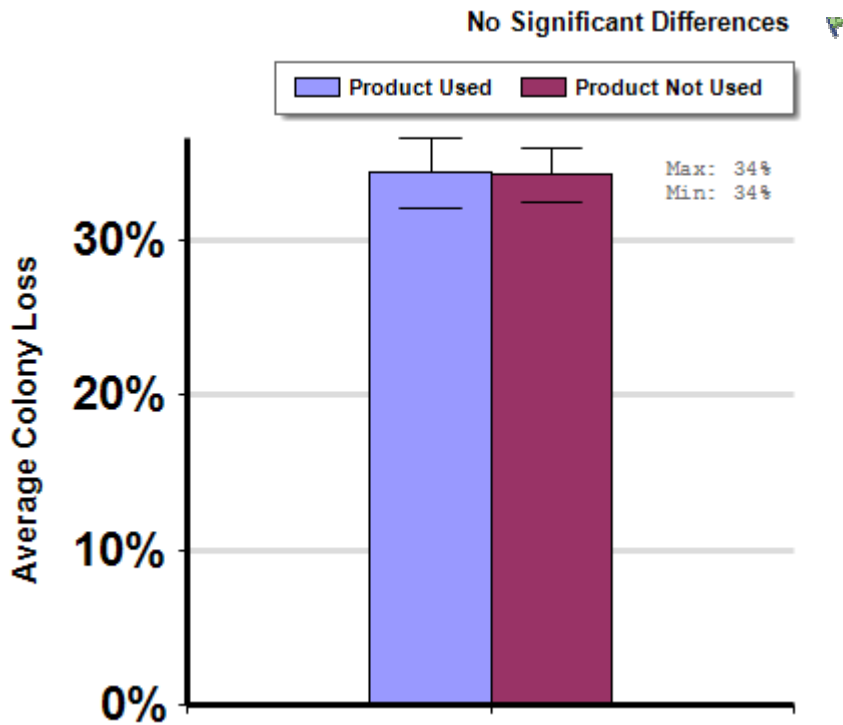


Fumagillin Use

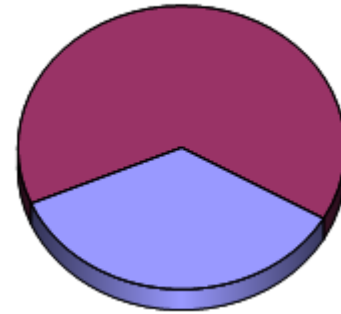
A comparison of winter mortality among those who indicated they did or did not apply Fumagillin (registered for Nosema Control), at least once, to a majority of their colonies, between April 2010 and March 2011.

Winter

Report ID: 33



Respondent Ratio



Interpretation

No difference between groups

Survey Question

19. For the products listed below, indicate in which months you applied the product to a majority of your colonies.
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 95% CI	Upper 95% CI
Product Used	902	115,404	127.9	26.8	34.4	32.1	36.7
Product Not Used	1,659	46,859	28.2	10.4	34.2	32.5	36.0

Comments About This Data

We do not know if the responding beekeepers applied this product according to label directions. It is likely that some of those who reported using this product did so using concentrations and delivery methods that differed from the label directions. This may affect the results reported here. More detailed questions regarding doses and application method are planned for future surveys.

Relevant Links, References, and Citations

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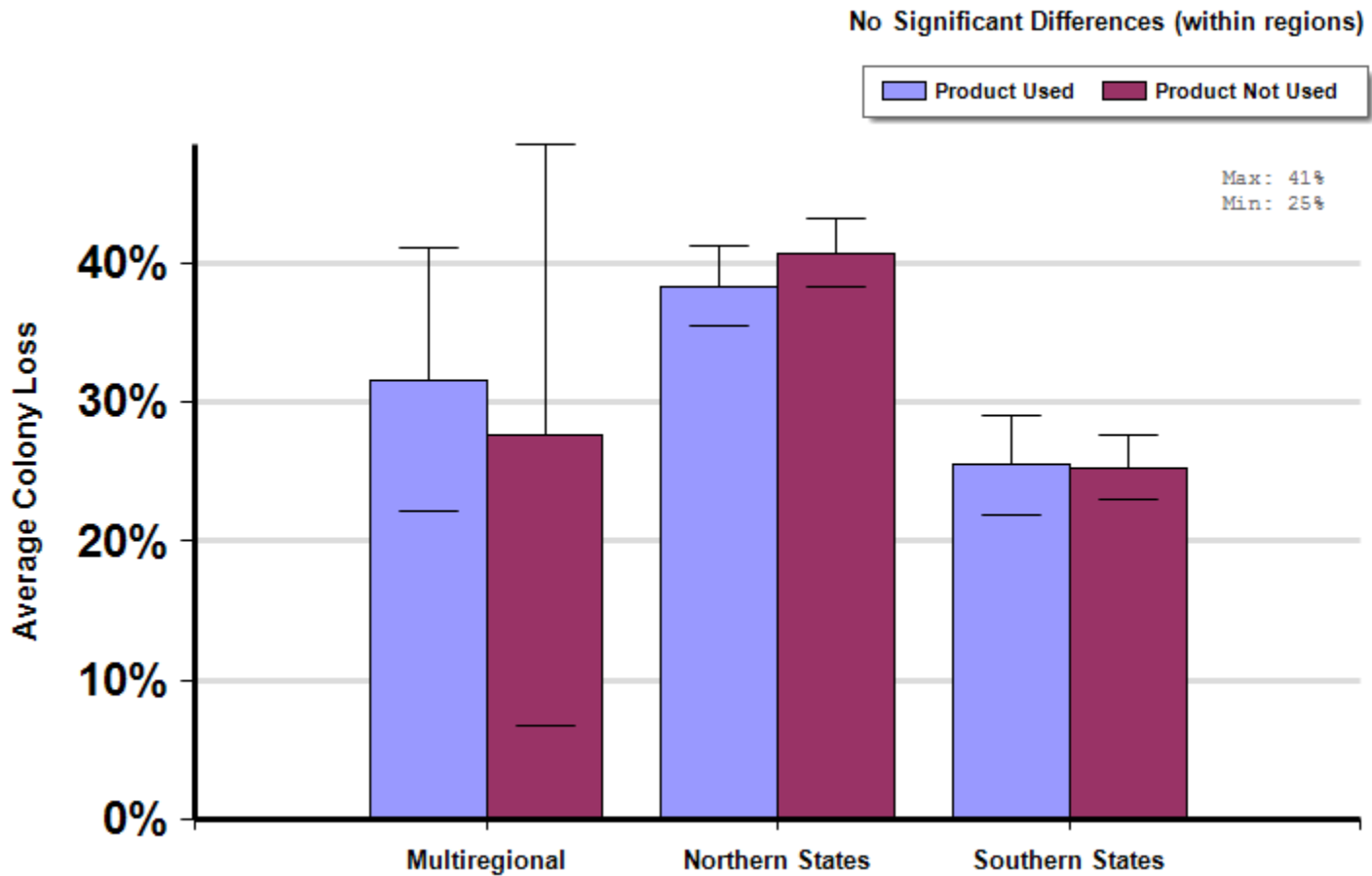


Fumagilin Use By Region

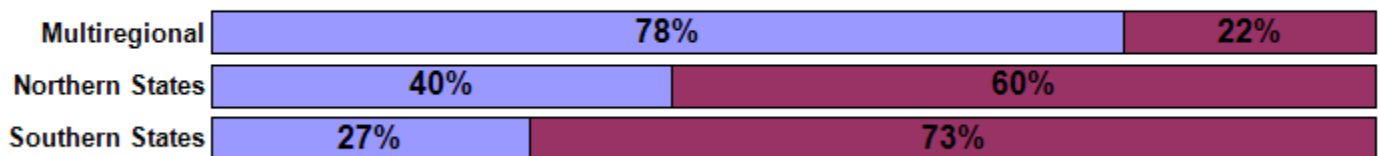
A comparison of winter mortality among those who indicated they did or did not apply Fumagillin (registered for Nosema Control), at least once, to a majority of their colonies, between April 2010 and March 2011 by region of operation.

Winter

Report ID: 45



Respondent Ratio



Interpretation

No difference within groups

Survey Question

19. For the products listed below, indicate in which months you applied the product to a majority of your colonies.
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 95% CI	Upper 95% CI
Multiregional	Product Used	29	86,054	2967.4	596.4	31.7	22.2	41.1
	Product Not Used	8	26,464	3308.0	1914.9	27.6	6.7	48.6
Northern States	Product Used	597	11,408	19.1	6.2	38.4	35.5	41.3
	Product Not Used	914	9,914	10.8	1.6	40.7	38.3	43.2
Southern States	Product Used	268	13,191	49.2	15.8	25.5	21.9	29.1
	Product Not Used	711	10,110	14.2	3.2	25.3	23.0	27.7

Comments About This Data

Low response rate among multiregional operations makes comparisons in this group difficult to interpret. We do not know if the responding beekeepers applied this product according to label directions. It is likely that some of those who reported using this product did so using concentrations and delivery methods that differed from the label directions. This may affect the results reported here. More detailed questions regarding doses and application methods are planned for future surveys.

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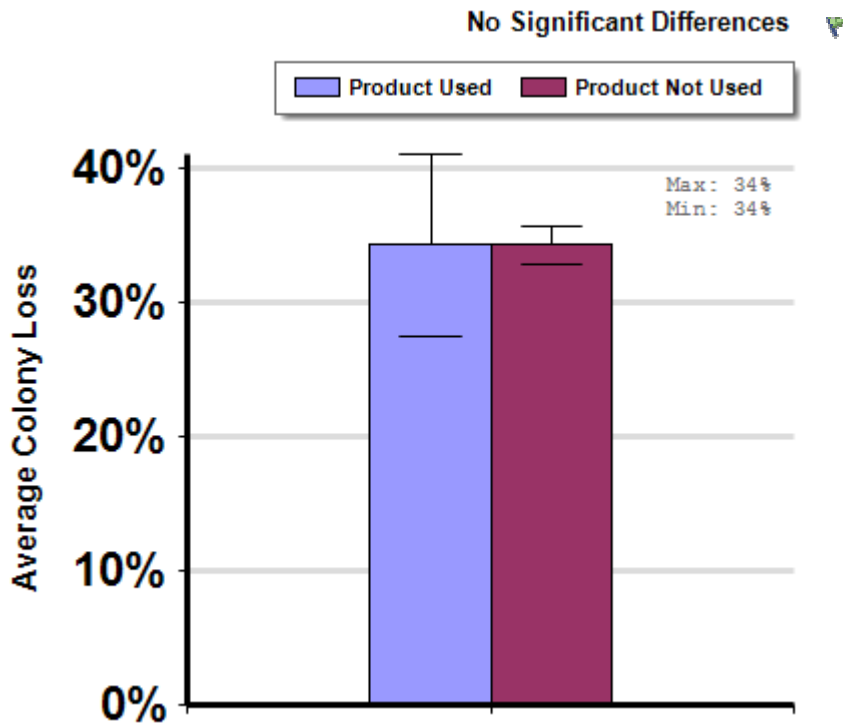


Nosevet

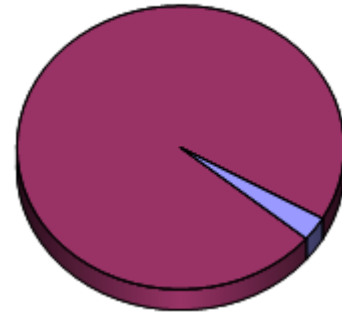
A comparison of winter mortality among those who indicated they applied Nosevet, at least once, to a majority of their colonies between April 2010 and March 2011.

Winter

Report ID: 243



Respondent Ratio



Interpretation

No difference between groups

Survey Question

For the products listed below, indicate in which months you applied the product to a majority of your colonies.
Nosevet

	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
Product Used	71	26,119	367.9	136.0	34.3	27.5	41.1
Product Not Used	2,490	136,144	54.7	11.3	34.3	32.9	35.7

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