



# Fumagillin Use By Region

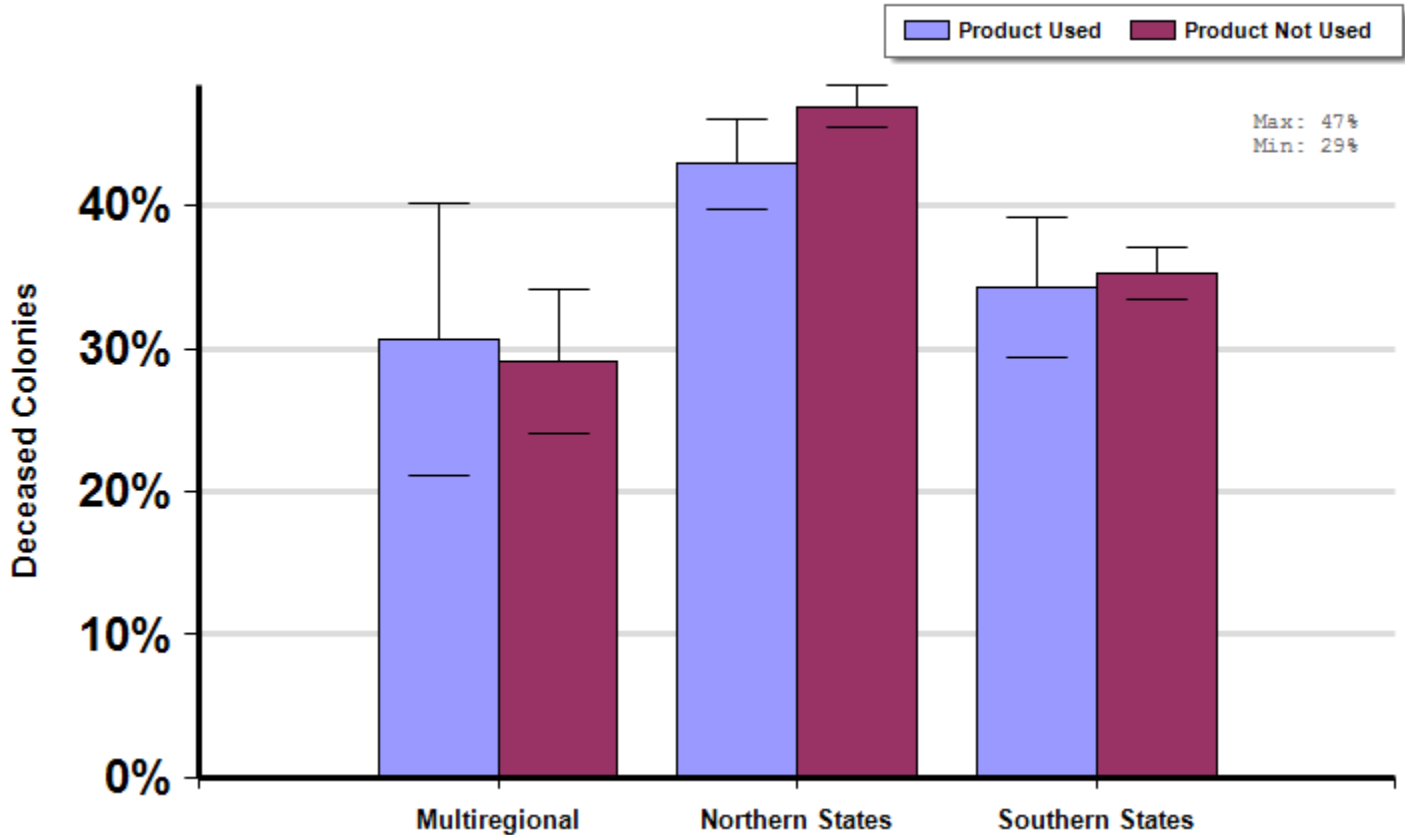
Management Survey 2015

A comparison of average winter colony mortality rates between beekeepers who did or did not apply Fumagillin to control Nosema, between April 2014 and March 2015, by region.

## Winter

Report ID: 45-2015

No Significant Differences (within regions)



## Respondent Ratio



## Interpretation

There are no significant differences by region between beekeepers who treated with Fumagillin and beekeepers who did not apply Fumagillin.

## Survey Question

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

-Fumagillin

|  |  | Total Number of Respondents | Total Number of Colonies Managed | Average Number of Colonies Managed | Average Colony Loss |
|--|--|-----------------------------|----------------------------------|------------------------------------|---------------------|
|  |  |                             |                                  |                                    |                     |

|                 |                  | Providing Valid Responses |         |        |                |                           |
|-----------------|------------------|---------------------------|---------|--------|----------------|---------------------------|
|                 |                  |                           |         | Mean   | Standard Error | Mean(%) [Lower, Upper] CI |
| Multiregional   | Product Used     | 32                        | 137,398 | 4293.7 | 1929.7         | 30.7 [21.1, 40.2]         |
|                 | Product Not Used | 124                       | 125,131 | 1009.1 | 276.6          | 29.1 [24.1, 34.2]         |
| Northern States | Product Used     | 475                       | 20,504  | 43.2   | 18.9           | 42.9 [39.7, 46.1]         |
|                 | Product Not Used | 2,593                     | 29,616  | 11.4   | 2.6            | 46.9 [45.5, 48.4]         |
| Southern States | Product Used     | 163                       | 18,225  | 111.8  | 74.9           | 34.3 [29.4, 39.1]         |
|                 | Product Not Used | 1,394                     | 43,541  | 31.2   | 11.7           | 35.3 [33.5, 37.1]         |

## Comments About This Data

## Relevant Links, References, and Citations

Funded By:



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Department of  
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