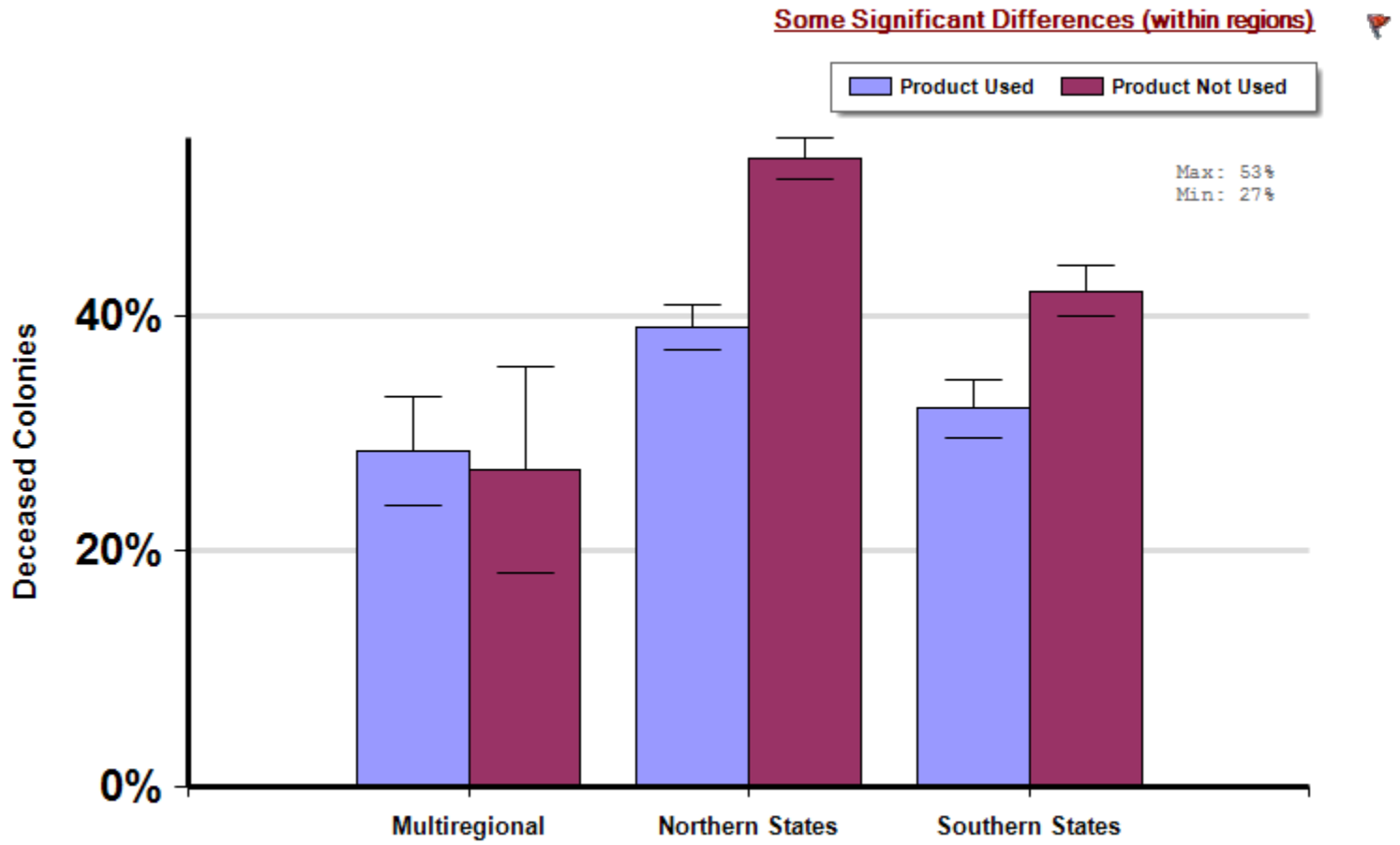
Varroa Mite Control Use By Region

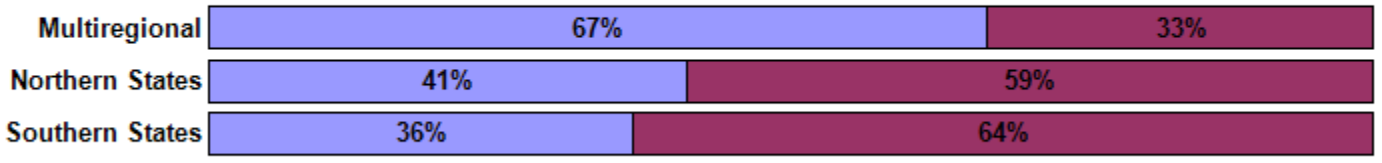
Winter

Report ID: 42-2013

A comparison of average winter colony mortality among beekeepers who reported treating or not treating with a known Varroa mite control product, at least once, in a majority of their colonies between April and March by region. Known Varroa mite control products include ApiGuard, ApiLife Var, Amitraz, Coumaphos (i.e. CheckMite+), Fluvalinate (i.e. Apistan), Formic Acid (i.e. Mite Away II), Sucrocide, and others.



Respondent Ratio



Interpretation

There are some significant differences between groups.

Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2012 and March, 2013?

-ApiGuard
-ApiLife Var
-Amitraz

-Coumaphos (Checkmite+)
-Fluvalinate (Apistan)
-Formic Acid (Mite Away II)
-Sucrocide

		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	95	393,372	4140.8	871.8	**28.5 [23.8,33.1]**
	Product Not Used	47	48,348	1028.7	534.2	**26.9 [18.2,35.6]**
Northern States	Product Used	1,209	40,410	33.4	7.2	**39.0 [37.1,40.9]**
	Product Not Used	1,737	15,944	9.2	0.8	**53.3 [51.5,55.0]**
Southern States	Product Used	577	73,943	128.2	30.1	**32.1 [29.6,34.6]**
	Product Not Used	1,005	14,138	14.1	4.3	**42.1 [39.9,44.3]**

Comments About This Data

Relevant Links, References, and Citations

Funded By: USDA NIFA United States Department of Agriculture National Institute of Food and Agriculture

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.