

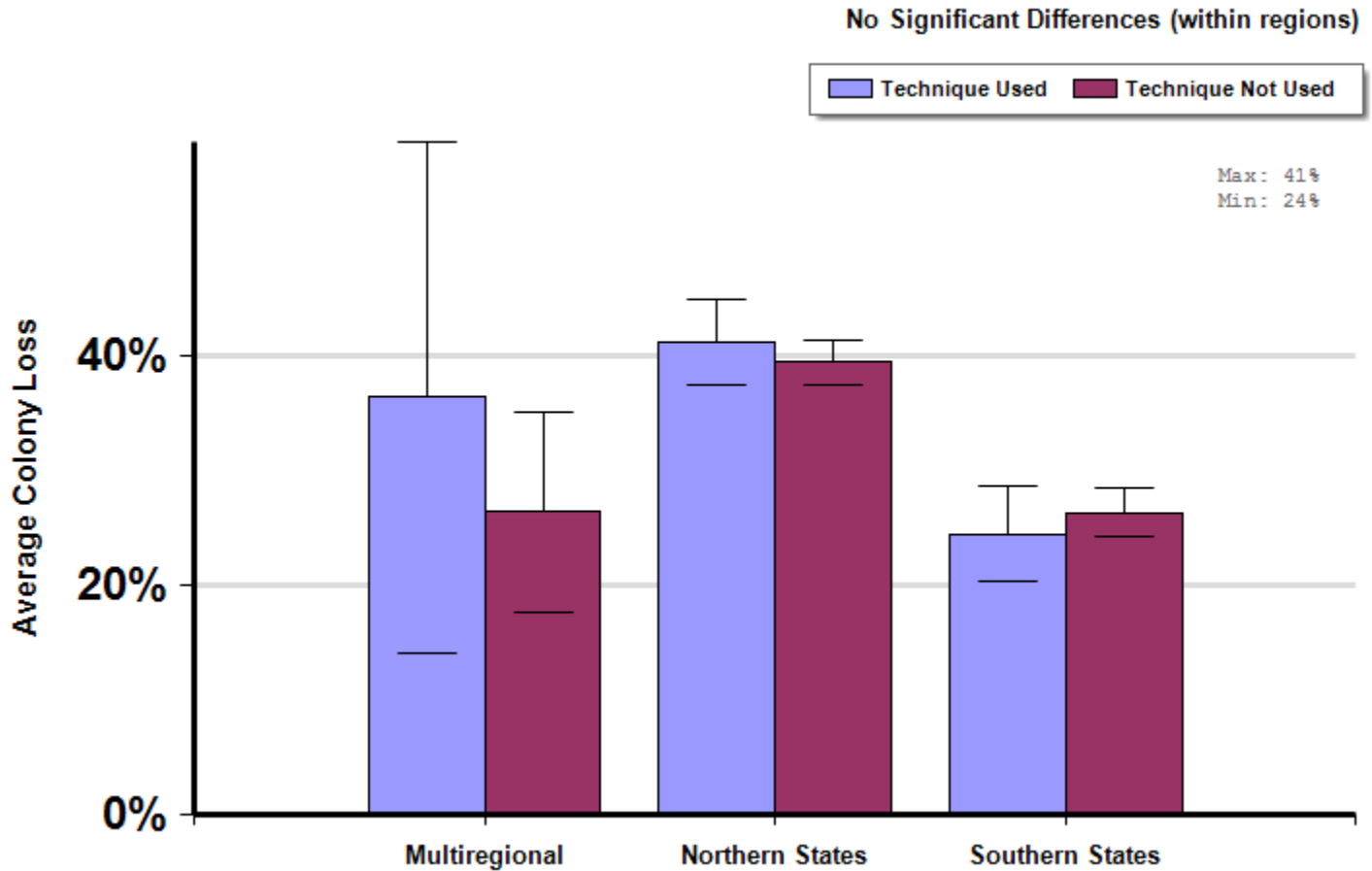


Drone Brood Removal By Region

Average winter colony mortality suffered by beekeepers who employed drone comb removal between April 1 2010 and April 1 2011 by region of operation.

Winter

Report ID: 107



Respondent Ratio



Interpretation

No difference between groups detected

Survey Question

26. Over the last year, in what proportion (percentage) of your colonies did you employ the practices/equipment listed below?

	Total	Total	Average Number	Average Colony Loss

		Number of Respondents Providing Valid Responses	Number of Colonies Managed	of Colonies Managed				
				Mean	Standard Error	Mean(%)	Lower 95% CI	Upper 95% CI
Multiregional	Technique Used	9	30,357	3373.0	984.3	36.3	14.1	58.6
	Technique Not Used	29	166,227	5732.0	2920.1	26.3	17.6	35.1
Northern States	Technique Used	361	8,103	22.4	10.2	41.1	37.4	44.9
	Technique Not Used	1,347	15,322	11.4	1.2	39.4	37.4	41.4
Southern States	Technique Used	179	17,292	96.6	68.7	24.4	20.3	28.6
	Technique Not Used	896	24,130	26.9	5.6	26.3	24.1	28.4

Comments About This Data

We did not collect data on how many times beekeepers removed drone comb or on how much drone comb they removed. This would have a very large impact on drone brood removal's effectiveness as a varroa mite control technique. We plan to collect this data in future years. Drone brood removal is not a stand-alone mite control technique, so multi-factorial analysis may demonstrate some benefits that are not evident here. We plan to do this analysis in the future.

Relevant Links, References, and Citations

Funded By:



United States
Department of
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National Institute
of Food
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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.