

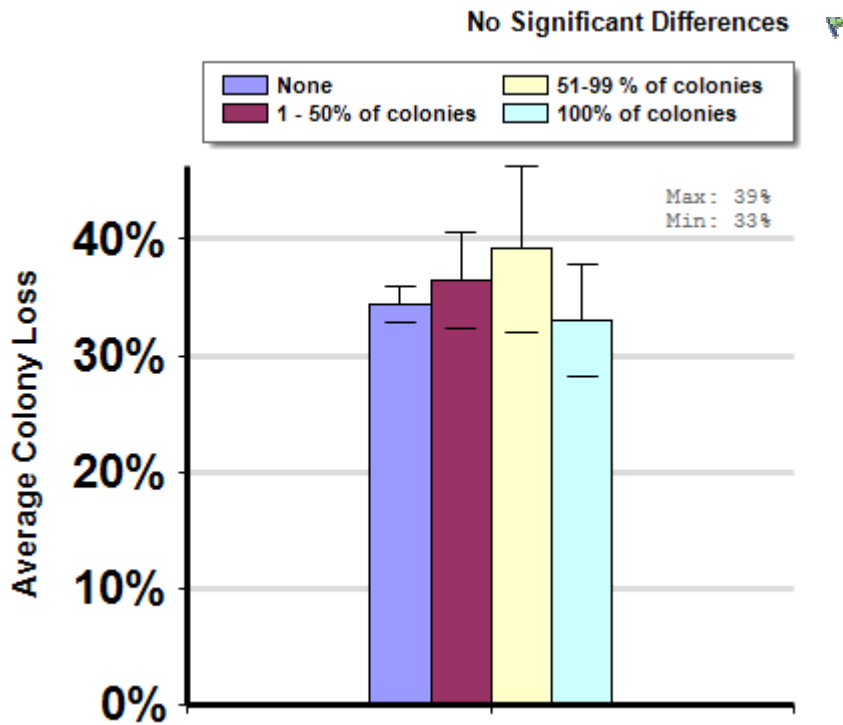


Drone Brood Removal Proportion of Operation

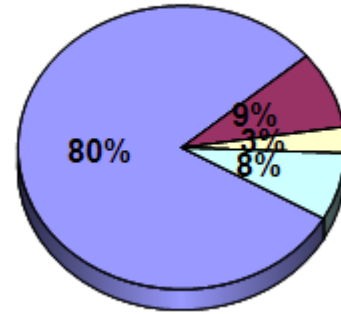
Average winter colony mortality reported by beekeepers that employed drone comb removal between April 1 2010 and April 1 2011 by percent of operation in which the method was employed.

Winter

Report ID: 110



Respondent Ratio



Interpretation

We did not detect differences between groups

Survey Question

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

	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
None	2,303	206,042	89.5	38.6	34.4	32.9	35.9
1 - 50% of colonies	253	32,138	127.0	55.5	36.5	32.4	40.6
51-99 % of colonies	85	9,171	107.9	63.8	39.2	32.1	46.4
100% of colonies	220	14,706	66.8	47.0	33.0	28.2	37.9

Comments About This Data

We did not collect data on how many times beekeepers removed drone combs 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.

Also, 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

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Department of
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