



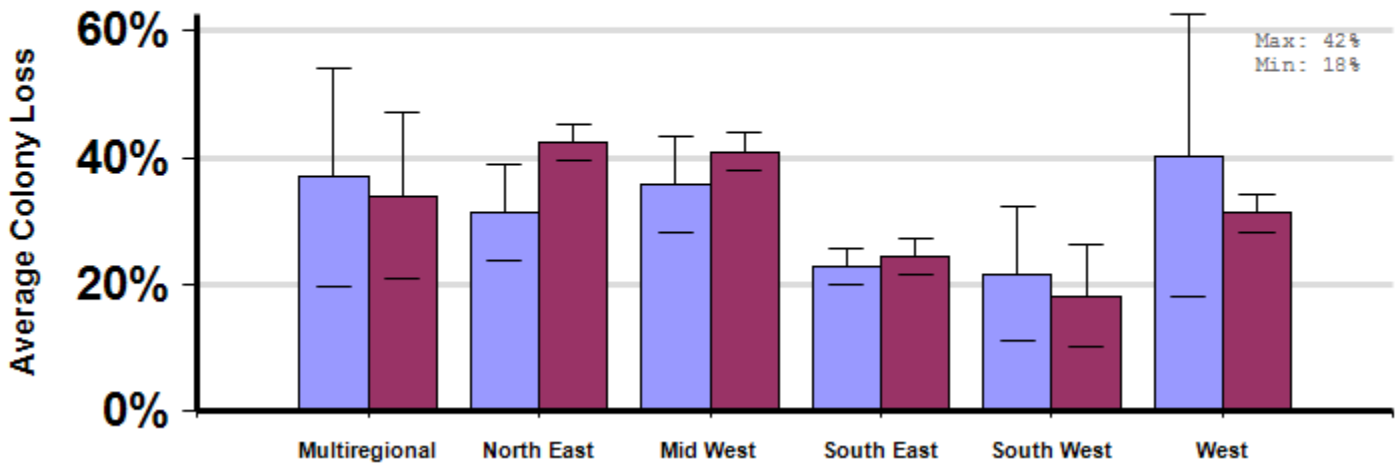
Small Hive Beetle Trap Use by Sub-Region

Average winter colony mortality suffered by beekeepers who used or did not use Small Hive Beetle traps in at least some of the colonies in their operation, between April 1 2010 and April 1 2011, by sub-region of operation

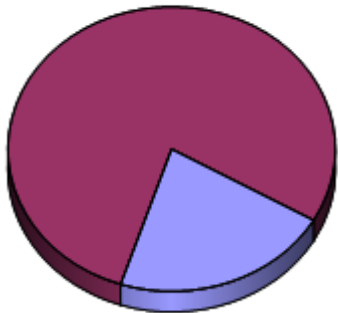
Winter

Report ID: 128

Some Significant Differences



Respondent Ratio



Interpretation

Beekeepers in the northeast who reported use of Small Hive Beetle traps reported losing 11.1 fewer colonies per 100 (26.2%) than those in the northeast who did not report using Small Hive Beetle traps. In all other regions beekeepers who used small hive beetle traps did not report losing fewer or more colonies over the winter.

Survey Question

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

- None
- 1 - 50%
- 51-99%
- all colonies
- Small Hive Beetle Traps

		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	Technique Used	10	32,195	3219.5	1446.3	36.9	19.5	54.2
	Technique Not Used	22	140,656	6393.5	3802.5	34.0	20.7	47.2
North East	Technique Used	84	20,603	245.3	186.0	31.2	23.7	38.7
	Technique Not Used	662	7,997	12.1	1.8	42.3	39.4	45.1
Mid West	Technique Used	90	13,404	148.9	74.0	35.6	28.1	43.2
	Technique Not Used	560	145,366	259.6	155.2	40.9	37.8	44.0
South East	Technique Used	395	33,204	84.1	42.4	22.7	19.8	25.7
	Technique Not Used	486	116,562	239.8	177.4	24.3	21.5	27.1
South West	Technique Used	27	3,331	123.4	110.4	21.5	10.9	32.2
	Technique Not Used	49	117,833	2404.8	1749.4	18.1	10.0	26.1
West	Technique Used	14	31,051	2217.9	1105.1	40.3	18.0	62.6
	Technique Not Used	457	167,498	366.5	190.8	31.2	28.1	34.2

Comments About This Data

Response rates within sub-regions were low, so caution must be used when interpreting these data. We did not collect data on the type of Small Hive Beetle Trap used or the length of time these traps were used. We plan to gather this information in future years.

Relevant Links, References, and Citations

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