

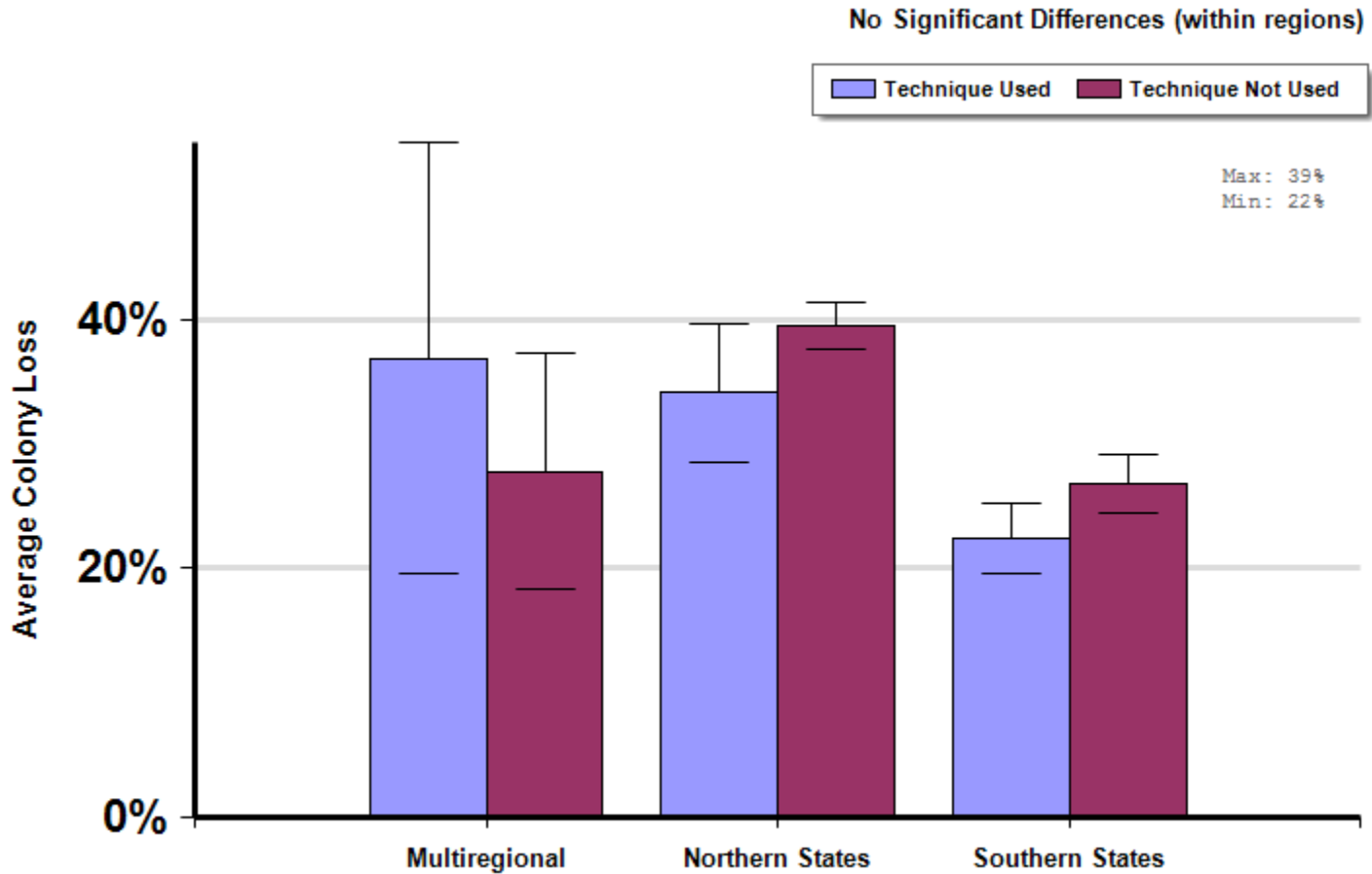


# Small Hive Beetle Trap Use by Region

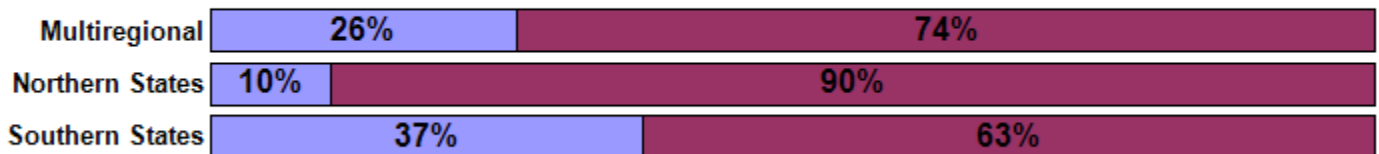
Average winter colony mortality suffered by beekeepers who did or did not use Small Hive Beetle traps in at least some of the colonies in their operation, between April 1 2010 and April 1 2011, by region of operation.

## Winter

Report ID: 125



## Respondent Ratio



## Interpretation

No difference within groups.

## 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	28	153,214	5471.9	3002.0	27.8	18.3	37.3
Northern States	Technique Used	166	1,816	10.9	2.2	34.1	28.5	39.7
	Technique Not Used	1,447	20,718	14.3	2.8	39.5	37.6	41.4
Southern States	Technique Used	419	4,471	10.7	1.1	22.4	19.5	25.2
	Technique Not Used	708	23,084	32.6	7.0	26.8	24.4	29.2

### Comments About This Data

Small Hive Beetles populations, and thus perhaps their apparent negative effect on colony survivorship, are dependent on many regional factors (i.e. climate and soil type). These pests are also not found in every region of the country. Thus the regional break down here clouds some observable regional effects. See table ID 128.

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

Funded By:



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.