



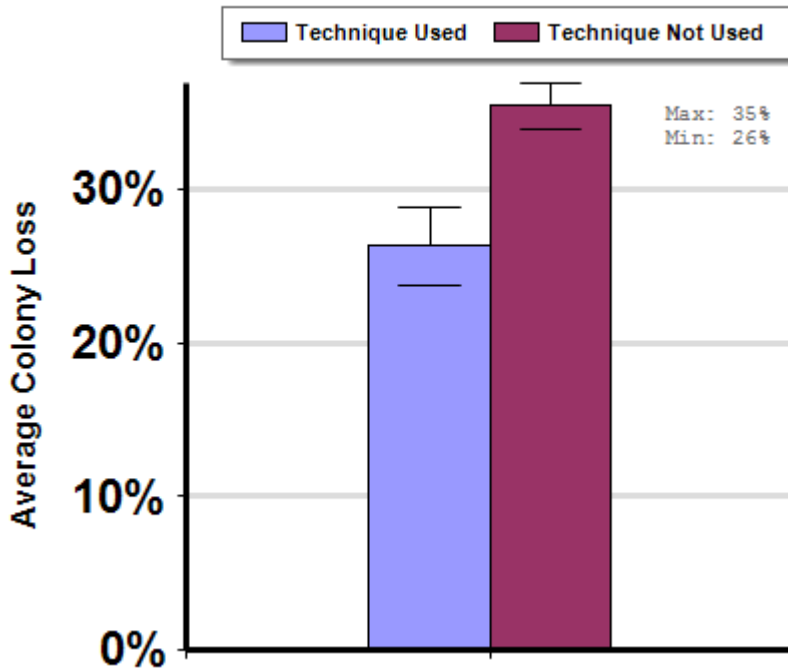
## Small Hive Beetle Trap Use

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.

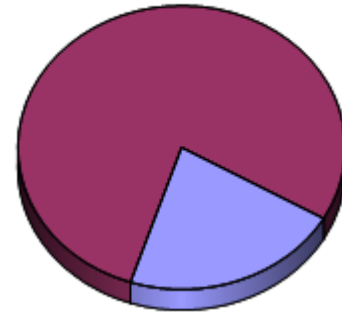
### Winter

Report ID: 122

*Some Significant Differences*



### Respondent Ratio



### Interpretation

Beekeepers who reported use of Small Hive Beetle Traps in at least some of their operations reported losing, on average, 9.2 fewer colonies per 100 (26.3%) than those who did not report using Small Hive Beetle traps.

### 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
Technique Used	613	43,421	70.8	28.8	26.3	23.8	28.9
Technique Not Used	2,209	197,268	89.3	39.7	35.5	34.0	37.0

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## Comments About This 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.

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## Relevant Links, References, and Citations

### [Article](#)

Schäfer, M. O., W. Ritter, J. S. Pettis, and P. Neumann. 2010. Winter losses of honeybee colonies (Hymenoptera: Apidae): the role of infestations with *Aethina tumida* (Coleoptera: Nitidulidae) and *Varroa destructor* (Parasitiformes: Varroidae). *Journal of Economic Entomology* 103: 10-16.

Funded By:



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

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