



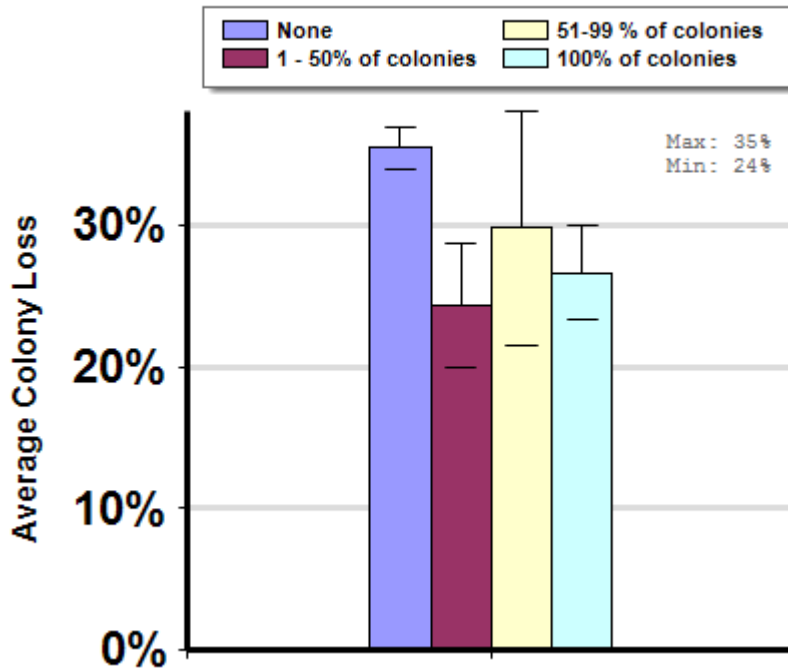
Small Hive Beetle Trap Use by Proportion of Use in Operation

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 proportion of use in their operation.

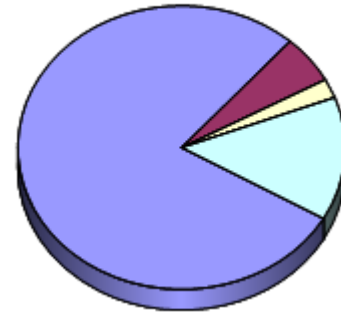
Winter

Report ID: 131

Some Significant Differences



Respondent Ratio



Interpretation

Beekeepers who reported use of Small Hive Beetle Traps in 1 to 50% or their colonies, as well as those who reported use in all of their colonies, lost fewer colonies than beekeepers who did not use 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 |
| None | 2,209 | 197,268 | 89.3 | 39.7 | 35.5 | 34.0 | 37.0 |
| 1 - 50% of colonies | 156 | 10,983 | 70.4 | 36.3 | 24.3 | 20.0 | 28.7 |
| 51-99 % of colonies | 62 | 14,593 | 235.4 | 117.6 | 29.8 | 21.5 | 38.2 |
| 100% of colonies | 398 | 17,878 | 44.9 | 37.7 | 26.7 | 23.4 | 30.0 |

Comments About This Data

The comparatively low number of respondents who reported use of Small Hive Beetle traps in 51- 99% of the colonies in their operation accounts for the large 95% Confidence Interval for this group. 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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