



The Bee Informed Partnership
Management Survey Results (2013)
Treatment of Dead Outs and
Colony Replacement

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.



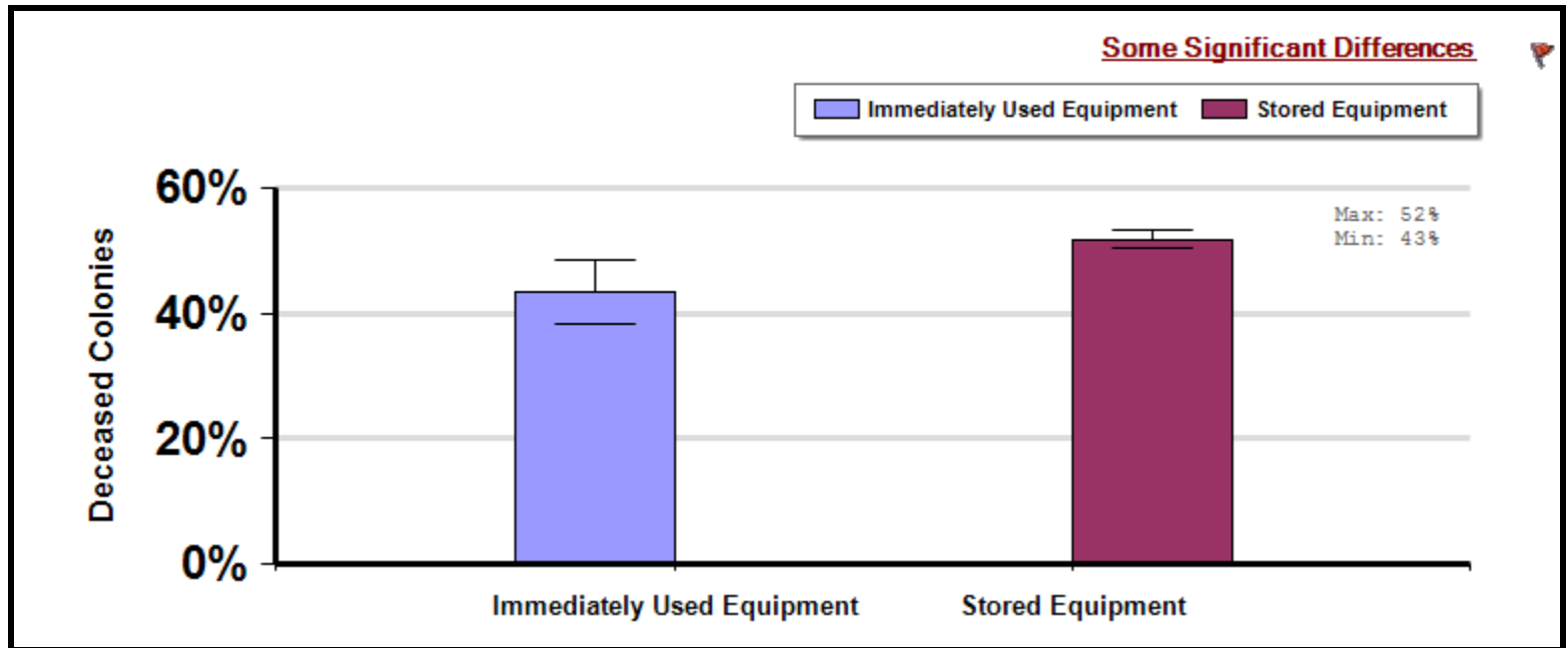
Treatment of Dead Out Equipment

Management Survey 2013

Winter

Report ID: 65-2013

Average winter colony mortality reported by beekeepers who stored or did not store their equipment between April and March.



Interpretation

Beekeepers who did not report storing their used equipment saw 8.3 fewer overwintering colony deaths per 100 managed colonies than those who reported storing equipment. In other words, beekeepers who immediately used equipment lost 16% fewer colonies than those who reported storing equipment.

Survey Question

Generally, when you found a dead and/ or weak colony in your operation over the last year you would:

- Immediately replace the dead colony by splitting frames of bees/brood from other strong colonies into the dead out equipment
- Pack up the dead equipment and store it for re-use at a later date
- A mixture of both, I immediately replaced some and packed up others
- Did not find dead colonies
- Other, please specify

| | | Total Number of Respondents Providing | Total Number of Colonies Managed | Average Number of Colonies Managed | Average Colony Loss |
|--|--|---------------------------------------|----------------------------------|------------------------------------|---------------------|
| | | | | | |

| | | Valid Responses | | | | Mean(%) [Lower, Upper] CI |
|----------------------------|----------------------------|-----------------|---------|-------|----------------|---------------------------|
| | | | | Mean | Standard Error | |
| Immediately Used Equipment | Immediately Used Equipment | 168 | 62,001 | 369.1 | 109.4 | 43.5 [38.4,48.6] |
| Stored Equipment | Stored Equipment | 1,794 | 271,779 | 151.5 | 46.2 | 51.8 [50.3,53.3] |

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

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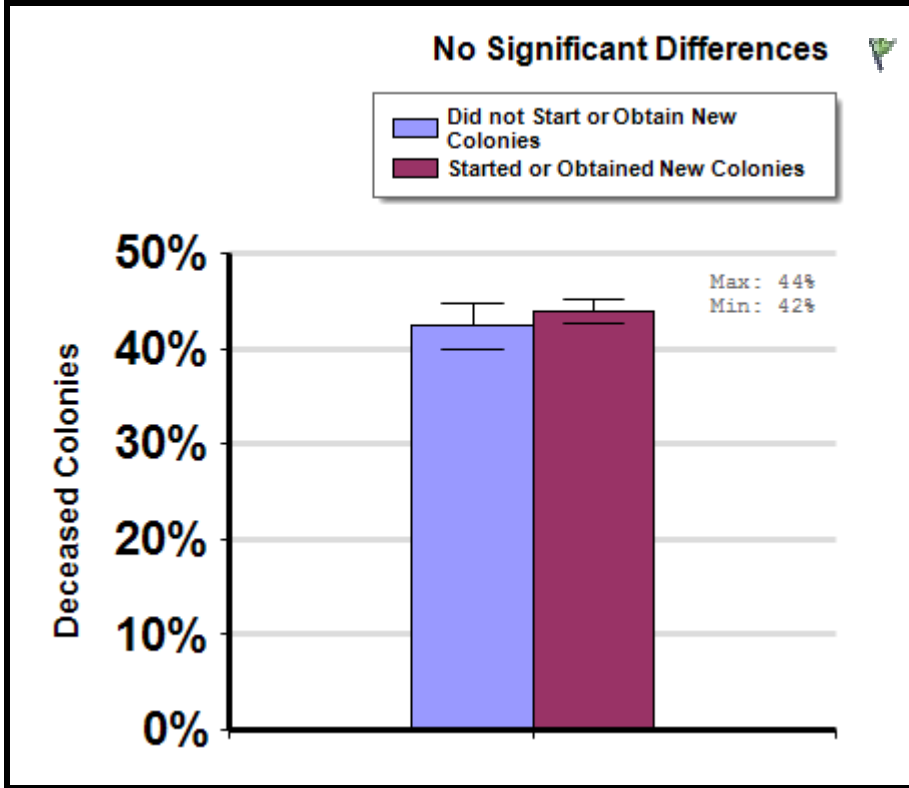
Started or Obtained New Colonies

Management Survey 2013

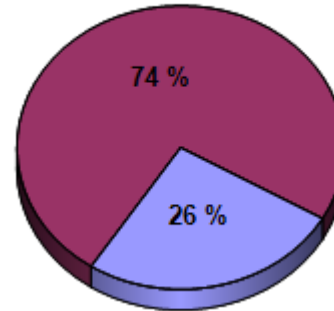
Average winter colony mortality suffered by beekeepers who reported they did not start or obtain new colonies, between April and March.

Winter

Report ID: 233-2013



Participant Ratio



Interpretation

Beekeepers who reported obtaining new colonies did not report losing more or less colonies than those who did not report obtaining or starting new colonies.

Survey Question

Did you start or obtain any new colonies between 1 April 2012 and 1 April 2013?

| | | 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, Upper] CI |
| | Did not Start or Obtain New Colonies | 996 | 92,254 | 92.6 | 71.2 | 42.4 [39.9, 44.9] |
| | Started or Obtained New Colonies | 2,854 | 443,898 | 155.5 | 22.5 | 43.9 [42.7, 45.1] |

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