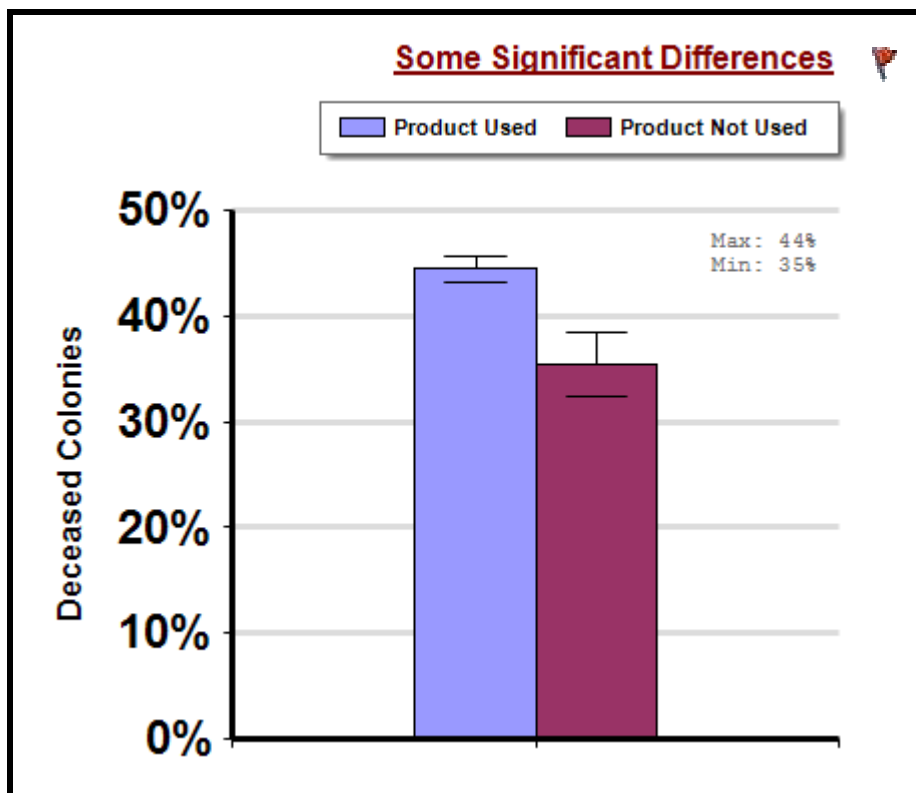




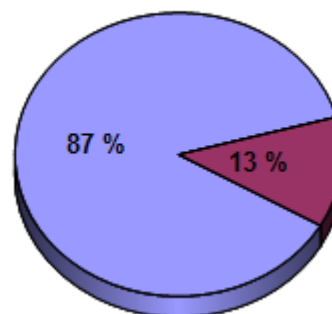
A comparison of average winter colony mortality among beekeepers who did or did not feed carbohydrates to a majority of their colonies, at least once, between April and March.

Winter

Report ID: 164-2013



Participant Ratio



Interpretation

Beekeepers who reported feeding with carbohydrates reported 9 more overwintering colony deaths per 100 managed colonies than those who did not report feeding their colonies with carbohydrates. In other words, beekeepers who reported feeding with carbohydrates lost 20.2% more colonies than those who did not report feeding with carbohydrates.

Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2012 and March, 2013?

- Candy
- Dry sugar
- High Fructose Corn Syrup (HFCS)
- Honey
- Sugar syrup
- Wet supers

| | | 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 |
| | Product Not | 477 | 116,028 | 243.2 | 68.8 | 35.5 [32.5, 38.5] |

| | | | | | | |
|--|--------------|-------|---------|-------|------|-------------------|
| | Used | | | | | |
| | Product Used | 3,307 | 441,151 | 133.4 | 27.4 | 44.5 [43.3, 45.7] |

Comments About This Data

Relevant Links, References, and Citations



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.