



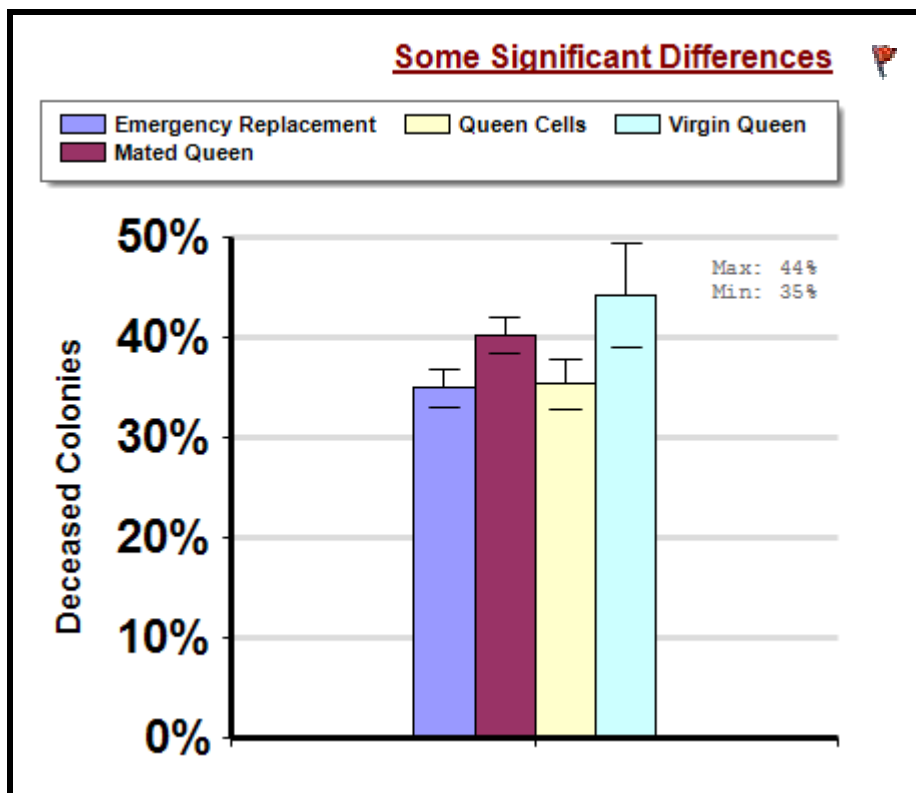
Queen Replacement By Method of Replacement

Management Survey 2015

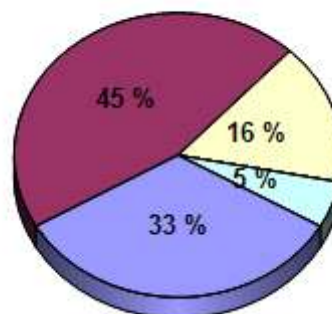
Average winter colony mortality suffered by beekeepers who reported replacing queens in their colonies between April and March by the type of queen replacement method used.

Winter

Report ID: 227-2015



Participant Ratio



Interpretation

Beekeepers who replaced their queens with queen cells reported significantly less overwintering colony deaths than beekeepers who replaced queens with mated queens or virgin queens. Also, beekeepers who permitted their colonies to split or rear a new replacement queen lost fewer overwintering colonies than beekeepers who introduced mated or virgin queens.

Survey Question

How did you re-queen the colonies that you re-queened last year?

- Introduced mated queens
- Introduced virgin queens
- Introduced queen cells
- Permitted colony or split to rear a new replacement queen on its own
- Don't know
- Other, please specify

		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

Emergency Replacement	999	30,300	30.3	12.5	35.0 [33.1, 36.9]
Mated Queen	1,356	192,874	142.2	28.1	40.3 [38.5, 42.0]
Queen Cells	483	190,332	394.1	145.7	35.3 [32.8, 37.8]
Virgin Queen	159	4,647	29.2	4.5	44.2 [39.0, 49.4]

Comments About This Data

Relevant Links, References, and Citations

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