



Brood Comb Reuse By Region

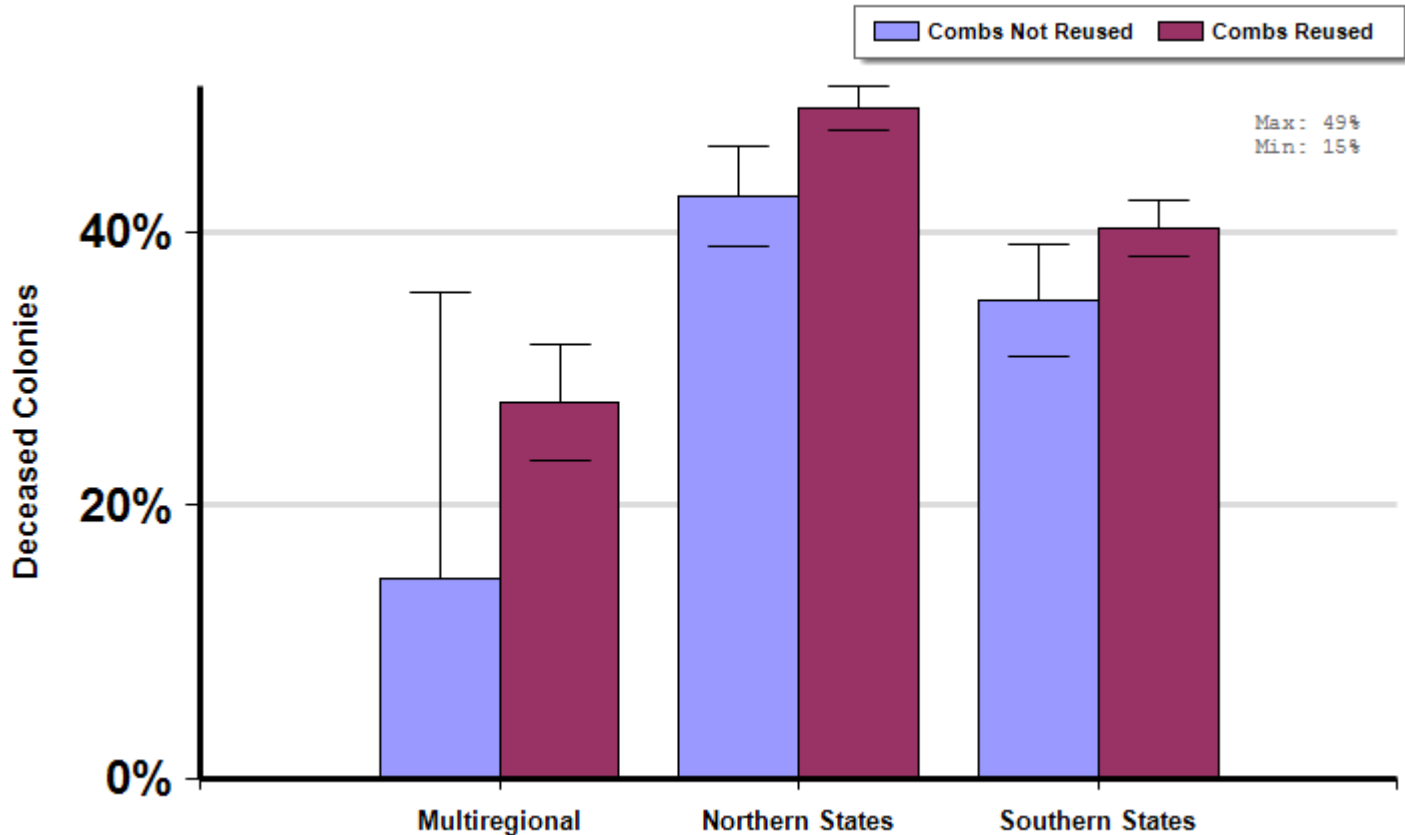
Management Survey 2013

Average winter colony mortality reported by beekeepers who did or did not reuse any old brood comb in their colonies, by region of operation between April and March.

Winter

Report ID: 77-2013

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern beekeepers who did not reuse old brood comb reported 6.5 fewer overwintering colony deaths per 100 managed colonies than those who did reuse old brood comb. In other words, beekeepers who did not reuse old brood comb lost 13.2% fewer colonies than those who did reuse old brood comb.

Survey Question

Between April, 2012 and March, 2013, before you re-used brood comb that you had taken out of production or purchased, did you...

Check all that apply

-I did not reuse old brood comb

- Cull any particularly old or bad combs and replace them
- Irradiate the comb
- Fumigate the comb with acetic acid
- Freeze the comb
- Store the comb with paradichlorobenzene crystals (moth crystals)
- Did not treat the comb in any particular way
- 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
Multiregional	Combs Not Reused	6	28	4.7	1.1	14.6 [0.0,35.6]
	Combs Reused	116	408,332	3520.1	744.2	27.6 [23.3,31.8]
Northern States	Combs Not Reused	462	2,034	4.4	0.3	42.6 [39.0,46.3]
	Combs Reused	1,837	44,485	24.2	4.7	49.1 [47.5,50.6]
Southern States	Combs Not Reused	329	1,775	5.4	0.5	35.0 [30.8,39.1]
	Combs Reused	969	64,755	66.8	16.7	40.3 [38.2,42.3]

Comments About This Data

Relevant Links, References, and Citations

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