



Brood Comb Treatment Before Reuse by Region

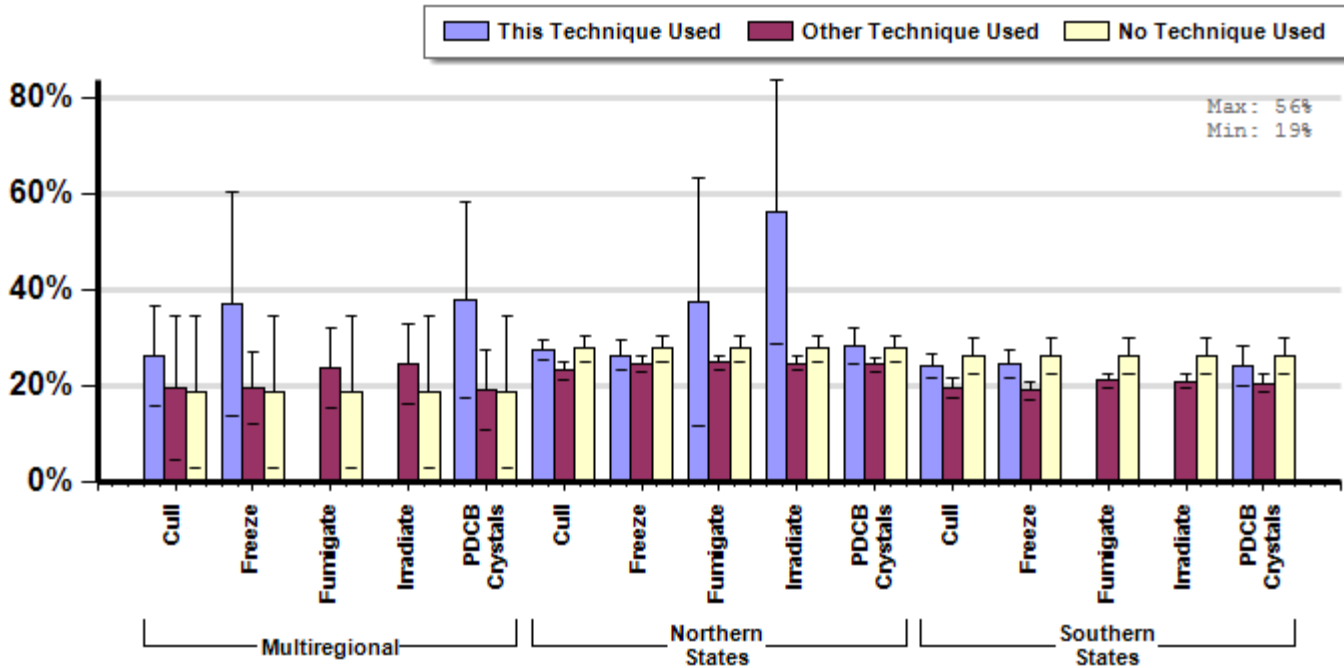
Management Survey 2012

Average winter colony mortality suffered by beekeepers who reported different treatments before reusing old comb between April, 2011 and March, 2012.

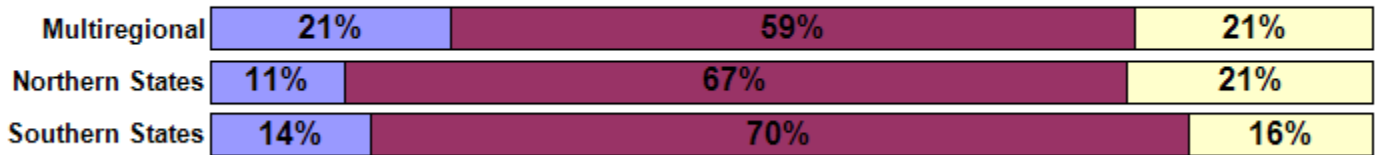
Winter

Report ID: 80-2012

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

No differences between groups.

Survey Question

Between April, 2011 and March, 2012, 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 any 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
- 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 95% CI	Upper 95% CI	
Multiregional	Cull	This Technique Used	28	40,378	1442.1	780.5	26.3	15.9	36.7	
		Other Technique Used	11	988	89.8	62.2	19.4	4.3	34.4	
		No Technique Used	10	2,277	227.7	125.5	18.8	2.9	34.6	
	Freeze	This Technique Used	11	535	48.6	39.0	36.9	13.5	60.3	
		Other Technique Used	28	40,831	1458.3	779.6	19.4	11.8	26.9	
		No Technique Used	10	2,277	227.7	125.5	18.8	2.9	34.6	
	Fumigate	Other Technique Used	38	35,466	933.3	566.6	23.8	15.3	32.2	
		No Technique Used	10	2,277	227.7	125.5	18.8	2.9	34.6	
	Irradiate	Other Technique Used	38	40,928	1077.1	581.2	24.6	16.1	33.0	
		No Technique Used	10	2,277	227.7	125.5	18.8	2.9	34.6	
	PDCB Crystals	This Technique Used	11	1,425	129.5	98.7	38.1	17.6	58.5	
		Other Technique Used	28	39,941	1426.5	780.9	18.9	10.5	27.3	
		No Technique Used	10	2,277	227.7	125.5	18.8	2.9	34.6	
	Northern States	Cull	This Technique Used	778	85,485	109.9	36.2	27.5	25.5	29.5
			Other	1,219	12,054	9.9	1.7	23.2	21.3	25.0

		Technique Used						
		No Technique Used	540	6,392	11.8	1.9	27.7	25.0 30.4
	Freeze	This Technique Used	403	30,428	75.5	57.3	26.3	23.3 29.4
		Other Technique Used	1,594	67,111	42.1	10.3	24.5	23.0 26.0
		No Technique Used	540	6,392	11.8	1.9	27.7	25.0 30.4
		This Technique Used	13	1,256	96.6	33.5	37.5	11.7 63.3
	Fumigate	Other Technique Used	1,984	96,283	48.5	14.3	24.8	23.4 26.1
		No Technique Used	540	6,392	11.8	1.9	27.7	25.0 30.4
		This Technique Used	11	72	6.5	2.9	56.3	28.9 83.7
	Irradiate	Other Technique Used	1,986	97,467	49.1	14.3	24.7	23.3 26.1
		No Technique Used	540	6,392	11.8	1.9	27.7	25.0 30.4
		This Technique Used	245	12,260	50.0	19.5	28.3	24.5 32.0
	PDCB Crystals	Other Technique Used	1,752	85,279	48.7	15.9	24.4	22.9 25.9
		No Technique Used	540	6,392	11.8	1.9	27.7	25.0 30.4
		This Technique Used	389	19,317	49.7	14.8	24.0	21.4 26.6
Southern States	Cull	Other Technique Used	790	8,826	11.2	3.1	19.5	17.5 21.4
		No Technique Used	222	2,768	12.5	2.1	26.1	22.4 29.7
		This Technique Used	420	5,088	12.1	1.1	24.5	21.7 27.4
	Freeze	This Technique	420	5,088	12.1	1.1	24.5	21.7 27.4

	Used							
	Other Technique Used	759	23,055	30.4	8.2	19.0	17.1	20.8
	No Technique Used	222	2,768	12.5	2.1	26.1	22.4	29.7
Fumigate	Other Technique Used	1,175	26,547	22.6	5.2	21.0	19.4	22.5
	No Technique Used	222	2,768	12.5	2.1	26.1	22.4	29.7
Irradiate	Other Technique Used	1,176	28,128	23.9	5.3	20.9	19.3	22.5
	No Technique Used	222	2,768	12.5	2.1	26.1	22.4	29.7
PDCB Crystals	This Technique Used	147	5,404	36.8	16.1	24.1	19.9	28.3
	Other Technique Used	1,032	22,739	22.0	5.6	20.5	18.8	22.2
	No Technique Used	222	2,768	12.5	2.1	26.1	22.4	29.7

Comments About This Data

Relevant Links, References, and Citations



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