



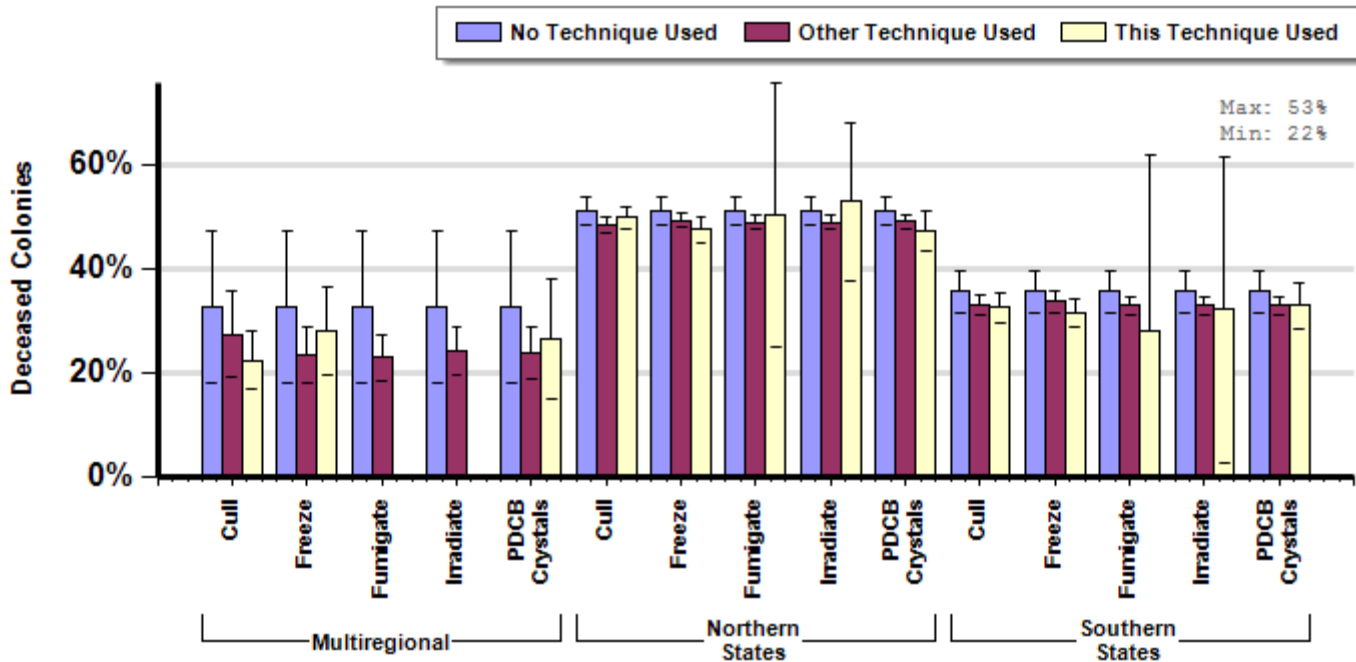
Brood Comb Treatment Before Reuse by Region

Winter

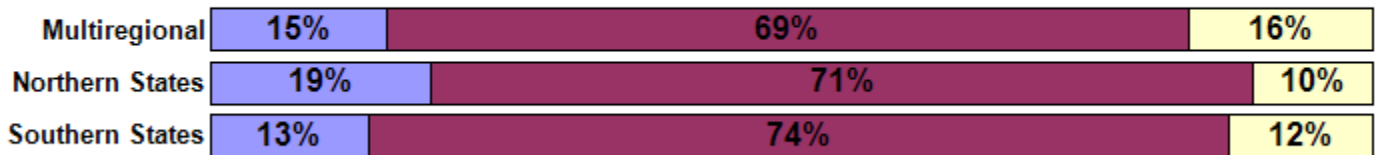
Average winter colony mortality suffered by beekeepers who reported different treatments before reusing old comb between April and March.

Report ID: 80-2014

No Significant Differences (within regions)



Respondent Ratio



Interpretation

There are no significant differences between the groups.

Survey Question

Between April, 2013 and March, 2014, 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(%) [Lower, Upper] CI	
					Mean	Standard Error		
Multiregional	Cull	No Technique Used	17	125,686	7393.3	3906.2	33[18.1,47.3]	
		Other Technique Used	38	146,304	3850.1	1794.2	27[19.1,35.6]	
		This Technique Used	59	243,128	4120.8	659.2	22[16.7,27.8]	
	Freeze	No Technique Used	17	125,686	7393.3	3906.2	33[18.1,47.3]	
		Other Technique Used	79	280,450	3550.0	920.3	23[18.1,28.7]	
		This Technique Used	18	108,982	6054.6	1517.0	28[19.5,36.6]	
	Fumigate	No Technique Used	17	125,686	7393.3	3906.2	33[18.1,47.3]	
		Other Technique Used	93	358,314	3852.8	810.2	23[18.3,27.3]	
	Irradiate	No Technique Used	17	125,686	7393.3	3906.2	33[18.1,47.3]	
		Other Technique Used	95	385,997	4063.1	819.6	24[19.5,28.7]	
	PDCB Crystals	No Technique Used	17	125,686	7393.3	3906.2	33[18.1,47.3]	
		Other Technique Used	84	364,381	4337.9	917.9	24[18.9,28.9]	
		This Technique Used	13	25,051	1927.0	694.7	26[14.9,38.1]	
	Northern States	Cull	No Technique Used	795	7,820	9.8	1.0	51[48.4,53.7]
			Other Technique	2,316	15,028	6.5	0.4	48[46.8,50.0]

		Used					
		This Technique Used	1,087	27,001	24.8	4.6	50[47.7,51.9]
	Freeze	No Technique Used	795	7,820	9.8	1.0	51[48.4,53.7]
		Other Technique Used	2,654	34,097	12.8	1.8	49[47.8,50.7]
		This Technique Used	749	7,932	10.6	2.1	47[44.8,50.1]
	Fumigate	No Technique Used	795	7,820	9.8	1.0	51[48.4,53.7]
		Other Technique Used	3,395	41,890	12.3	1.5	49[47.6,50.2]
		This Technique Used	8	139	17.4	5.6	50[24.8,75.8]
	Irradiate	No Technique Used	795	7,820	9.8	1.0	51[48.4,53.7]
		Other Technique Used	3,379	40,790	12.1	1.5	49[47.5,50.1]
		This Technique Used	24	1,239	51.6	33.5	53[37.5,68.1]
	PDCB Crystals	No Technique Used	795	7,820	9.8	1.0	51[48.4,53.7]
		Other Technique Used	3,079	29,324	9.5	0.7	49[47.7,50.4]
		This Technique Used	324	12,705	39.2	14.2	47[43.5,51.0]
Southern States	Cull	No Technique Used	260	7,379	28.4	15.8	35[31.4,39.5]
		Other Technique Used	1,201	29,750	24.8	7.8	33[31.0,35.0]
		This Technique Used	469	36,451	77.7	37.5	32[29.7,35.3]
	Freeze	No Technique Used	260	7,379	28.4	15.8	35[31.4,39.5]

	Other Technique Used	1,130	59,591	52.7	17.6	34[31.5,35.6]
	This Technique Used	540	6,610	12.2	1.9	31[28.6,34.1]
Fumigate	No Technique Used	260	7,379	28.4	15.8	35[31.4,39.5]
	Other Technique Used	1,665	64,853	39.0	12.0	33[31.2,34.5]
	This Technique Used	5	1,348	269.6	92.4	28[0.0,62.0]
Irradiate	No Technique Used	260	7,379	28.4	15.8	35[31.4,39.5]
	Other Technique Used	1,665	66,172	39.7	12.0	33[31.2,34.5]
	This Technique Used	5	29	5.8	1.4	32[2.7,61.3]
PDCB Crystals	No Technique Used	260	7,379	28.4	15.8	35[31.4,39.5]
	Other Technique Used	1,493	60,709	40.7	13.3	33[31.1,34.6]
	This Technique Used	177	5,492	31.0	10.8	33[28.4,37.3]

Comments About This Data

Relevant Links, References, and Citations



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