



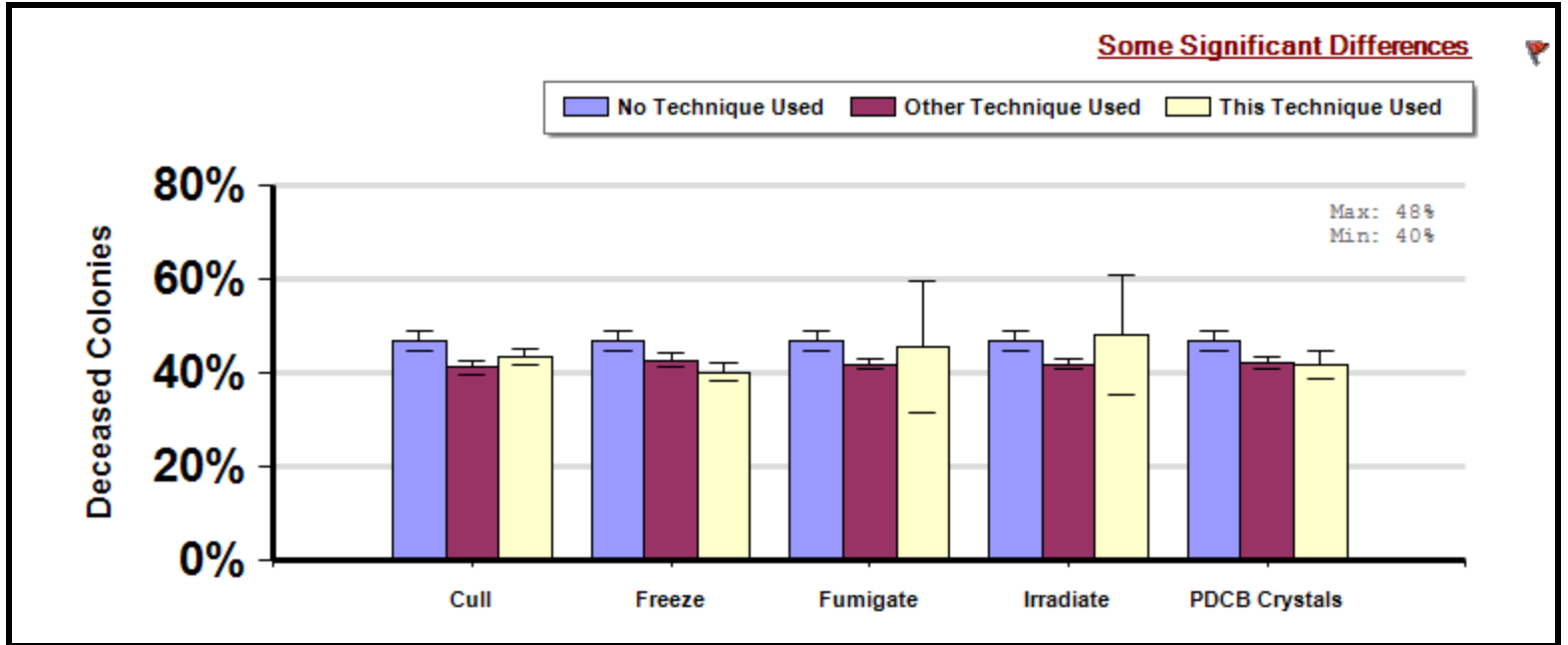
Brood Comb Treatment Before Reuse

Management Survey 2014

Winter

Report ID: 74-2014

Average winter colony mortality reported by beekeepers who treated brood comb differently before re-using them between April and March.



Interpretation

Beekeepers who reported culling, freezing, fumigating, irradiating, and using PDCB crystals reported losing fewer colonies than those who did not use those techniques.

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	Standard Error	Mean(%) [Lower, Upper] CI
Cull	No Technique Used	1,078	144,597	134.1	66.2	46.8 [44.6, 49.0]
	Other Technique Used	2,714	64,636	23.8	5.1	41.3 [39.8, 42.8]
	This Technique Used	1,630	309,071	189.6	32.3	43.5 [41.8, 45.2]
Freeze	No Technique Used	1,078	144,597	134.1	66.2	46.8 [44.6, 49.0]
	Other Technique Used	2,891	258,582	89.4	14.4	42.7 [41.3, 44.1]
	This Technique Used	1,322	123,899	93.7	27.9	40.2 [38.3, 42.1]
Fumigate	No Technique Used	1,078	144,597	134.1	66.2	46.8 [44.6, 49.0]
	Other Technique Used	4,128	327,340	79.3	11.6	41.9 [40.8, 43.1]
	This Technique Used	17	32,605	1917.9	1380.9	45.6 [31.6, 59.5]
Irradiate	No Technique Used	1,078	144,597	134.1	66.2	46.8 [44.6, 49.0]
	Other Technique Used	4,116	355,275	86.3	13.0	41.9 [40.7, 43.1]
	This Technique Used	31	4,703	151.7	112.1	48.0 [35.3, 60.7]
PDCB Crystals	No Technique Used	1,078	144,597	134.1	66.2	46.8 [44.6, 49.0]
	Other Technique Used	3,673	319,682	87.0	14.3	42.0 [40.8, 43.3]
	This Technique Used	514	43,248	84.1	23.5	41.8 [38.9, 44.7]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



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