



# Brood Comb Treatment Before Reuse

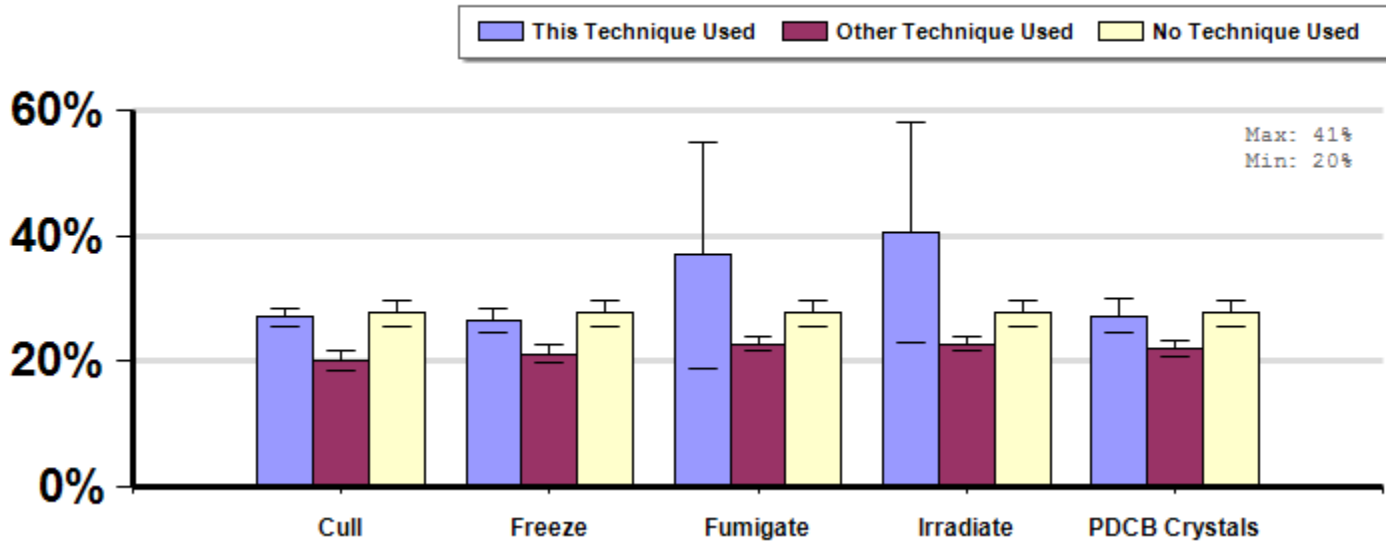
Management  
Survey 2012

Average winter colony mortality reported by beekeepers who treated brood comb differently before re-using them between April, 2011 and March, 2012.

## Winter

Report ID: 74-2012

*Some Significant Differences*



## Interpretation

**Beekeepers who reported culling or freezing their comb before comb reuse lost more colonies than those who did not use those techniques.**

## 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
Cull	This Technique Used	1,374	179,012	130.3	28.7	27.0	25.5	28.5
	Other Technique Used	1,564	24,216	15.5	4.1	20.1	18.5	21.6
	No Technique Used	917	36,033	39.3	14.0	27.6	25.6	29.7
Freeze	This Technique Used	929	36,721	39.5	24.9	26.5	24.5	28.5
	Other Technique Used	1,883	155,533	82.6	17.0	21.2	19.9	22.5
	No Technique Used	917	36,033	39.3	14.0	27.6	25.6	29.7
Fumigate	This Technique Used	20	8,781	439.1	297.2	36.9	18.9	54.9
	Other Technique Used	2,769	183,037	66.1	14.1	22.8	21.7	23.9
	No Technique Used	917	36,033	39.3	14.0	27.6	25.6	29.7
Irradiate	This Technique Used	22	1,517	69.0	43.2	40.6	22.9	58.2
	Other Technique Used	2,766	190,298	68.8	14.3	22.7	21.6	23.8
	No Technique Used	917	36,033	39.3	14.0	27.6	25.6	29.7
PDCB Crystals	This Technique Used	434	19,588	45.1	12.5	27.2	24.5	30.0
	Other Technique Used	2,361	172,519	73.1	16.6	22.1	20.9	23.3
	No Technique Used	917	36,033	39.3	14.0	27.6	25.6	29.7

### Comments About This Data

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## Relevant Links, References, and Citations

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