



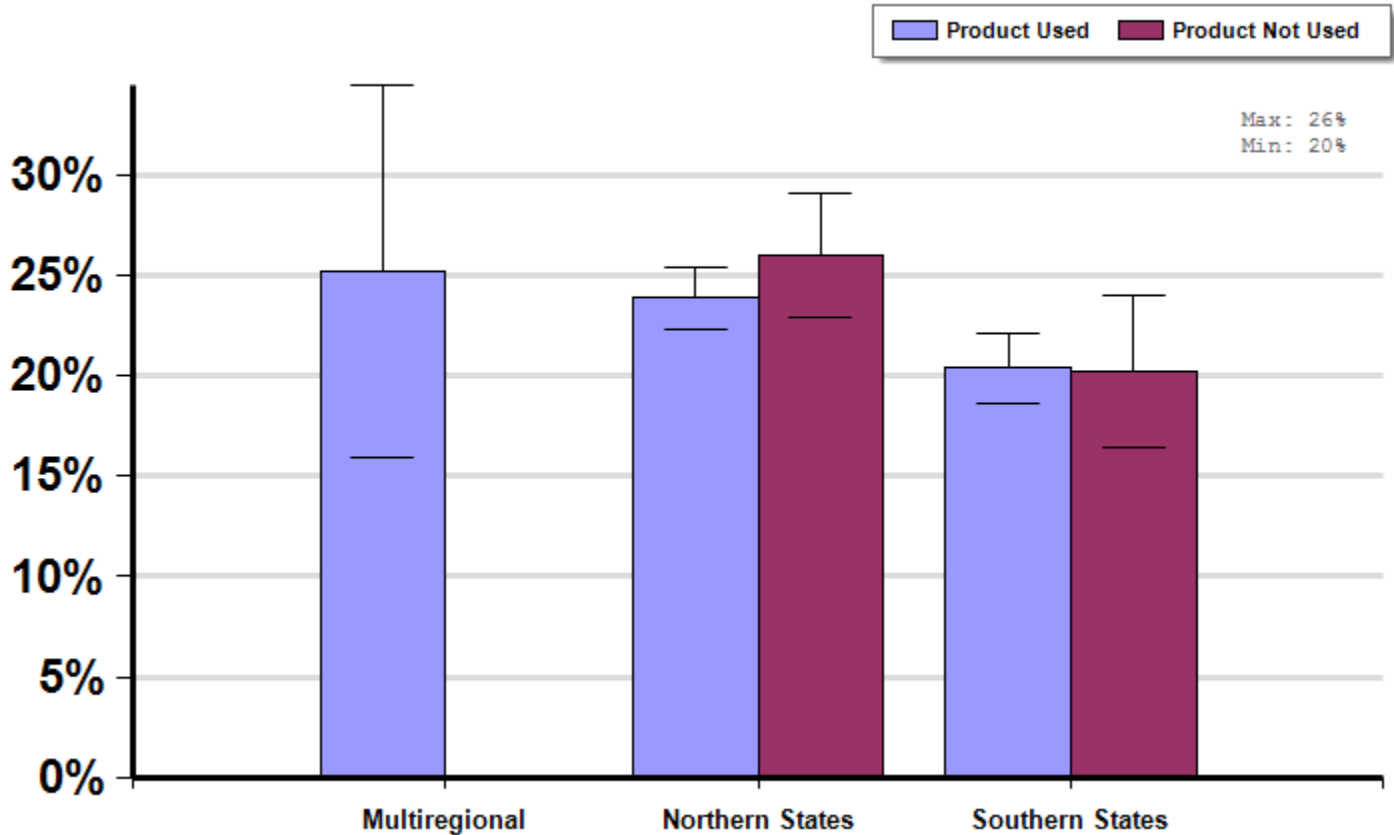
# Carbohydrate Feed Use By Region

A comparison of average winter colony mortality among beekeepers who reported they fed or did not feed carbohydrates to a majority of their colonies, at least once, between April, 2011 and March, 2012 by region of operation.

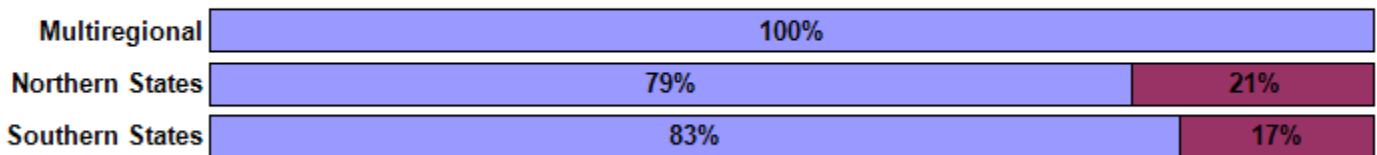
## Winter

Report ID: 167-2012

No Significant Differences (within regions)



## Respondent Ratio



## Interpretation

No difference between groups.

## Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2011 and March, 2012?

- Candy
- Dry sugar
- High Fructose Corn Syrup (HFCS)
- Honey
- Sugar syrup

-Wet supers

		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	Product Used	34	41,278	1214.1	646.6	25.2	15.9	34.4
Northern States	Product Used	1,559	91,751	58.9	18.2	23.9	22.3	25.4
	Product Not Used	408	5,348	13.1	2.2	26.0	22.9	29.1
Southern States	Product Used	943	31,652	33.6	10.3	20.4	18.6	22.1
	Product Not Used	190	3,192	16.8	5.8	20.2	16.5	24.0

### Comments About This Data

### Relevant Links, References, and Citations

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