



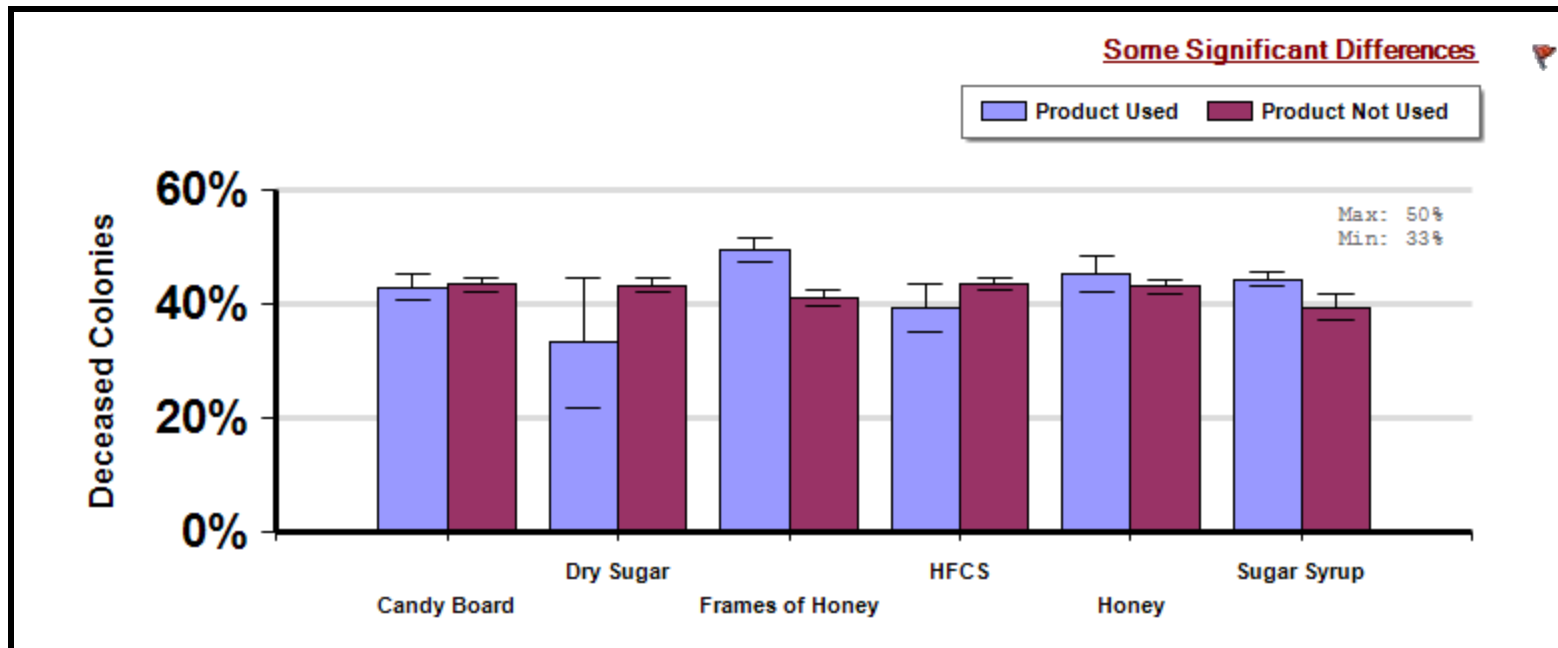
Carbohydrate Feed Use By Product

Management Survey 2013

A comparison of average winter colony mortality among beekeepers who reported they did feed or did not feed specified carbohydrate feed products to a majority of their colonies, at least once, between April and March.

Winter

Report ID: 170-2013



Interpretation

Beekeepers who fed colonies with frames of honey reported 8.5 more overwintering colony deaths per 100 managed colonies than those who did not report feeding colonies with frames of honey. In other words, beekeepers who fed colonies with frames of honey lost 17% more colonies than those that used other methods. Also, beekeepers who fed colonies with sugar syrup reported 4.8 more overwintering colony deaths per 100 managed colonies than those who used other methods. In other words, beekeepers who fed colonies sugar syrup lost 10.8% more colonies than those who did not feed colonies with sugar syrup. For all other carbohydrate feed products (Candy board, Dry sugar, and HFCS), beekeepers using those specified products did not suffer fewer or greater losses when compared to beekeepers who did not report using that product.

Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2012 and March, 2013?

- Candy Board
- Dry Sugar
- Frames of Honey
- HFCS
- Honey
- Sugar Syrup

		Total Number of Respondents Providing	Total Number of Colonies Managed	Average Number of Colonies Managed	Average Colony Loss

		Valid Responses				Mean(%) [Lower, Upper] CI
				Mean	Standard Error	
Candy Board	Product Used	835	13,797	16.5	5.7	43.0 [40.7,45.2]
	Product Not Used	2,949	543,382	184.3	32.6	43.4 [42.1,44.7]
Dry Sugar	Product Used	25	653	26.1	12.3	33.3 [21.9,44.6]
	Product Not Used	3,759	556,526	148.1	25.6	43.4 [42.3,44.5]
Frames of Honey	Product Used	978	66,589	68.1	25.9	49.6 [47.5,51.6]
	Product Not Used	2,806	490,590	174.8	33.1	41.1 [39.8,42.5]
HFCS	Product Used	188	285,961	1521.1	433.7	39.3 [35.1,43.5]
	Product Not Used	3,596	271,218	75.4	13.3	43.5 [42.4,44.7]
Honey	Product Used	475	4,720	9.9	1.0	45.3 [42.1,48.4]
	Product Not Used	3,309	552,459	167.0	29.1	43.0 [41.8,44.2]
Sugar Syrup	Product Used	2,984	341,345	114.4	29.6	44.3 [43.1,45.6]
	Product Not Used	800	215,834	269.8	47.5	39.5 [37.2,41.9]

Comments About This Data

Relevant Links, References, and Citations

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