



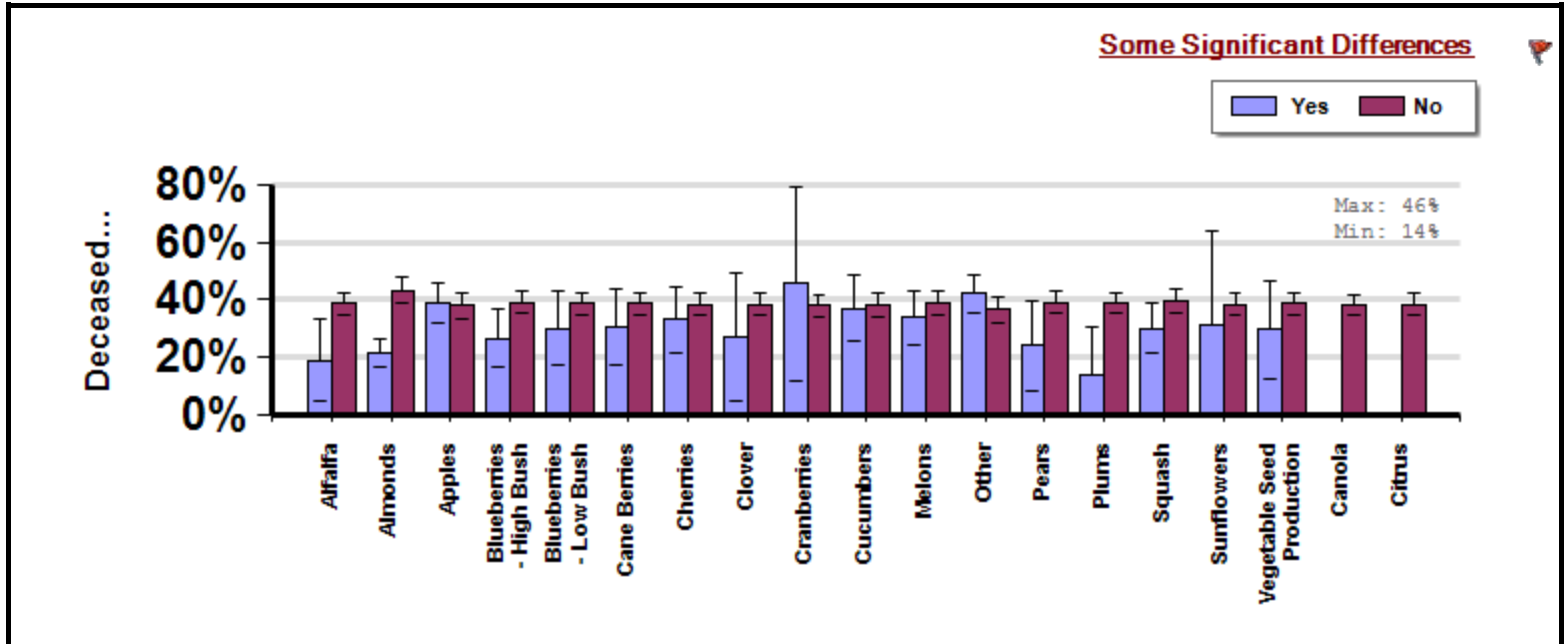
# Pollination of Various Crops

Management  
Survey 2015

Average winter colony mortality reported by beekeepers whose colonies were or were not used for pollination between April and March.

## Winter

Report ID: 101-  
2015



## Interpretation

Beekeepers who rented colonies for alfalfa, almond and plum pollination lost fewer overwintering colonies than beekeepers who did not rent colonies to pollinate these crops.

## Survey Question

You indicated that you derived income from renting colonies for pollination last year. Which of the following crops were you paid to pollinate over the last year?

		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
Alfalfa	Yes	8	12,393	1549.1	1507.5	18.9 [4.6, 33.2]
	No	265	282,682	1066.7	276.4	38.7 [34.9, 42.4]
Almonds	Yes	66	275,143	4168.8	1037.0	21.6 [16.6, 26.5]
	No	207	19,932	96.3	26.5	43.4 [39.0, 47.7]

Apples	Yes	70	146,790	2097.0	969.0		38.6 [31.7, 45.6]
	No	203	148,285	730.5	143.2		37.9 [33.6, 42.3]
Blueberries High Bush	Yes	22	26,624	1210.2	516.5		26.5 [16.3, 36.7]
	No	251	268,451	1069.5	292.0		39.1 [35.2, 43.0]
Blueberries Low Bush	Yes	19	31,548	1660.4	978.6		30.0 [17.2, 42.9]
	No	254	263,527	1037.5	282.8		38.7 [34.8, 42.6]
Cane Berries	Yes	16	6,719	419.9	307.2		30.4 [16.9, 44.0]
	No	257	288,356	1122.0	287.6		38.6 [34.7, 42.4]
Cherries	Yes	19	57,251	3013.2	860.6		32.9 [21.4, 44.5]
	No	254	237,824	936.3	282.9		38.5 [34.6, 42.4]
Clover	Yes	5	12,972	2594.4	1304.8		27.2 [4.8, 49.6]
	No	268	282,103	1052.6	275.4		38.3 [34.6, 42.0]
Cranberries	Yes	6	17,356	2892.7	2428.2		45.7 [11.9, 79.6]
	No	267	277,719	1040.1	272.6		37.9 [34.2, 41.7]
Cucumbers	Yes	21	18,268	869.9	710.4		37.1 [25.5, 48.6]
	No	252	276,807	1098.4	288.4		38.2 [34.3, 42.1]
Melons	Yes	34	33,796	994.0	481.8		33.8 [24.5, 43.0]
	No	239	261,279	1093.2	302.7		38.7 [34.7, 42.7]
Other	Yes	81	32,779	404.7	197.3		42.1 [35.4, 48.8]
	No	192	262,296	1366.1	375.4		36.4 [32.0, 40.8]
Pears	Yes	17	21,580	1269.4	536.9		23.9 [8.4, 39.3]
	No	256	273,495	1068.3	287.5		39.0 [35.2, 42.8]
Plums	Yes	8	37,280	4660.0	3091.8		13.5 [0.0, 30.3]
	No	265	257,795	972.8	262.8		38.8 [35.1, 42.6]
Squash	Yes	37	30,126	814.2	449.4		30.0 [21.5, 38.6]
	No	236	264,949	1122.7	306.3		39.4 [35.3, 43.4]
Sunflowers	Yes	8	31,025	3878.1	2177.6		31.1 [0.0, 64.1]

	No	265	264,050	996.4	271.1	<b>38.3 [34.6, 42.0]</b>
Vegetable Seed Production	Yes	15	34,052	2270.1	1089.1	<b>29.6 [12.4, 46.8]</b>
	No	258	261,023	1011.7	280.1	<b>38.6 [34.8, 42.4]</b>
Canola	No	269	272,902	1014.5	264.2	<b>38.2 [34.5, 41.9]</b>
Citrus	No	270	286,057	1059.5	272.9	<b>38.4 [34.7, 42.1]</b>

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## Comments About This Data

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### Relevant Links, References, and Citations



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