



Single Stock (Pennsylvania)

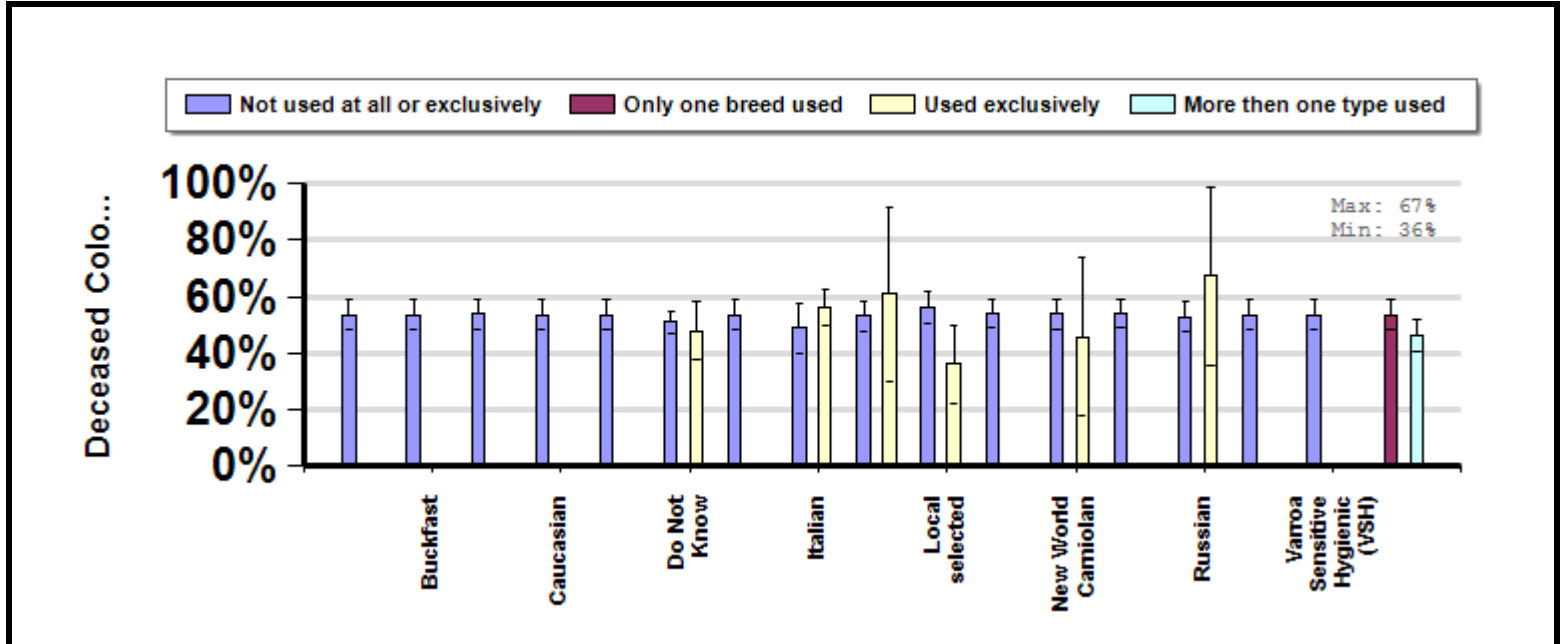
Management
Survey 2013

(Filtered by:
Pennsylvania
)

Average winter colony mortality reported by beekeepers who indicated which race of bees they kept between April and March.

Winter

Report ID: 206-
2013



Survey Question

What type or race of bees do you use in your operation?

- New World Carniolan
- New World Carniolan hybrid
- Caucasian
- Caucasian hybrid
- Italian
- Italian hybrid
- Buckfast
- Buckfast hybrid
- Russian
- Russian hybrid
- Varroa Sensitive Hygienic (VSH)
- Minnesota Hygienic
- German black
- Local selected
- Africanized
- Don't know

		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
Africanized	Not used at all or exclusively	188	9,204	49.0	27.1	53.6 [48.4,58.8]
Buckfast	Not used at all or exclusively	188	9,204	49.0	27.1	53.6 [48.4,58.8]
Buckfast hybrid	Not used at all or exclusively	187	9,201	49.2	27.2	53.7 [48.5,59.0]
Caucasian	Not used at all or exclusively	186	9,197	49.4	27.4	53.6 [48.4,58.9]
Caucasian hybrid	Not used at all or exclusively	187	9,192	49.2	27.2	53.7 [48.4,58.9]
Do Not Know	Not used at all or exclusively	282	16,284	57.7	24.6	50.9 [46.8,55.0]
	Used exclusively	53	13,894	262.2	254.6	47.9 [37.7,58.1]
German black	Not used at all or exclusively	187	9,198	49.2	27.2	53.5 [48.3,58.7]
Italian	Not used at all or exclusively	67	4,787	71.4	62.6	48.8 [39.9,57.8]
	Used exclusively	121	4,417	36.5	24.1	56.3 [50.0,62.6]
Italian hybrid	Not used at all or exclusively	177	9,137	51.6	28.8	53.2 [47.9,58.5]
	Used exclusively	11	67	6.1	2.3	60.9 [30.2,91.5]
Local selected	Not used at all or exclusively	166	4,804	28.9	17.6	56.0 [50.4,61.5]
	Used exclusively	22	4,400	200.0	190.5	36.0 [22.4,49.6]
Minnesota Hygienic	Not used at all or exclusively	187	9,198	49.2	27.2	53.9 [48.7,59.1]
New World Carniolan	Not used at all or exclusively	180	9,024	50.1	28.3	54.0 [48.7,59.3]
	Used exclusively	8	180	22.5	16.2	45.8 [17.7,73.9]
New World Carniolan hybrid	Not used at all or exclusively	187	9,199	49.2	27.2	53.9 [48.7,59.1]
Russian	Not used at all or exclusively	179	9,157	51.2	28.4	53.0 [47.7,58.2]
	Used exclusively	9	47	5.2	2.3	67.2 [35.6,98.7]
Russian hybrid	Not used at all or exclusively	188	9,204	49.0	27.1	53.6 [48.4,58.8]

Varroa Sensitive Hygienic (VSH)	Not used at all or exclusively	184	9,178	49.9	27.7	53.6 [48.4,58.9]
Single Queen Type Used	Only one breed used	188	9,204	49.0	27.1	53.6 [48.4,58.8]
	More than one type used	147	20,974	142.7	97.0	46.3 [40.8,51.8]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

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