



The Bee Informed Partnership
Management Survey Results (2013)
Small Hive Beetle Control

BeelInformed.org

This information is for educational purposes only.

References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.

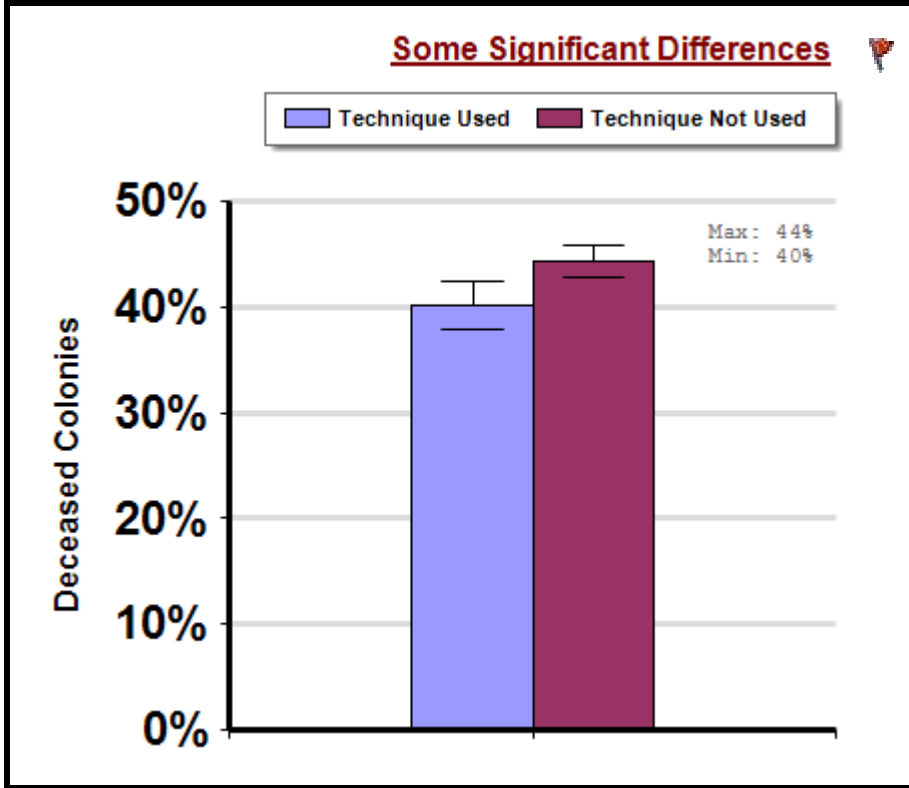


Small Hive Beetle Trap Use

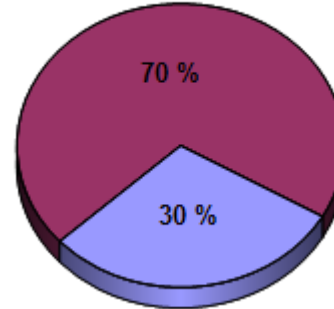
Average winter colony mortality reported by beekeepers who used or did not use Small Hive Beetle traps in at least some of the colonies in their operation, between April and March.

Winter

Report ID: 122-2013



Participant Ratio



Interpretation

Beekeepers who used small hive beetle traps lost 4.1 fewer colonies per 100 managed colonies (9.3% fewer losses) than those who did not use small hive beetle traps.

Survey Question

Over the last year, did you employ any of the IPM practices/equipment listed below?

-Small hive beetle trap

		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
	Technique Not Used	2,084	46,629	22.4	4.4	44.3 [42.8, 45.8]
	Technique Used	888	9,893	11.1	0.8	40.2 [37.9, 42.5]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.



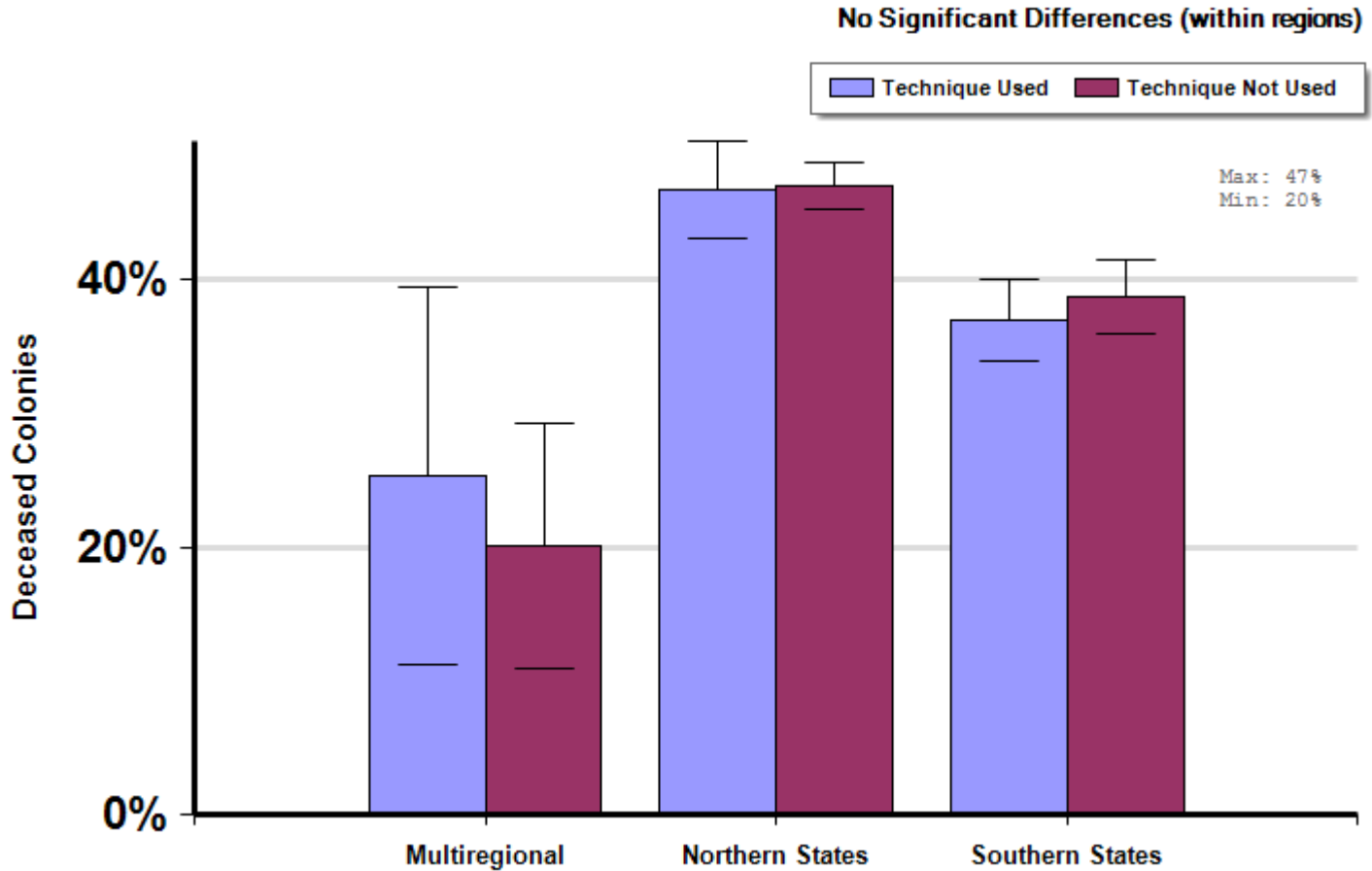
Small Hive Beetle Trap Use by Region

Management Survey 2013

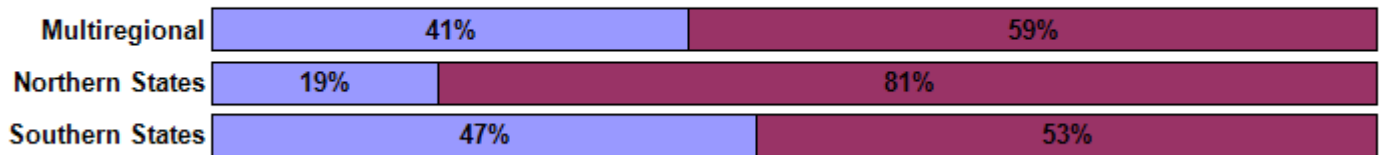
Average winter colony mortality reported by beekeepers who did or did not use Small Hive Beetle traps in at least some of the colonies in their operation, between April and March, by region of operation.

Winter

Report ID: 125-2013



Respondent Ratio



Interpretation

There are no significant differences between the groups.

Survey Question

Over the last year, did you employ any of the IPM practices/equipment listed below?

-Screen bottom board

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

		Providing Valid Responses	Managed			Mean(%) [Lower, Upper] CI
				Mean	Standard Error	
Multiregional	Technique Used	18	907	50.4	28.6	25.3 [11.2, 39.4]
	Technique Not Used	26	17,783	684.0	313.7	20.1 [10.8, 29.3]
Northern States	Technique Used	359	3,426	9.5	0.9	46.7 [43.2, 50.3]
	Technique Not Used	1,483	17,380	11.7	1.1	47.0 [45.2, 48.9]
Southern States	Technique Used	495	4,991	10.1	0.7	37.0 [34.0, 40.0]
	Technique Not Used	564	11,108	19.7	4.7	38.8 [36.0, 41.5]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.



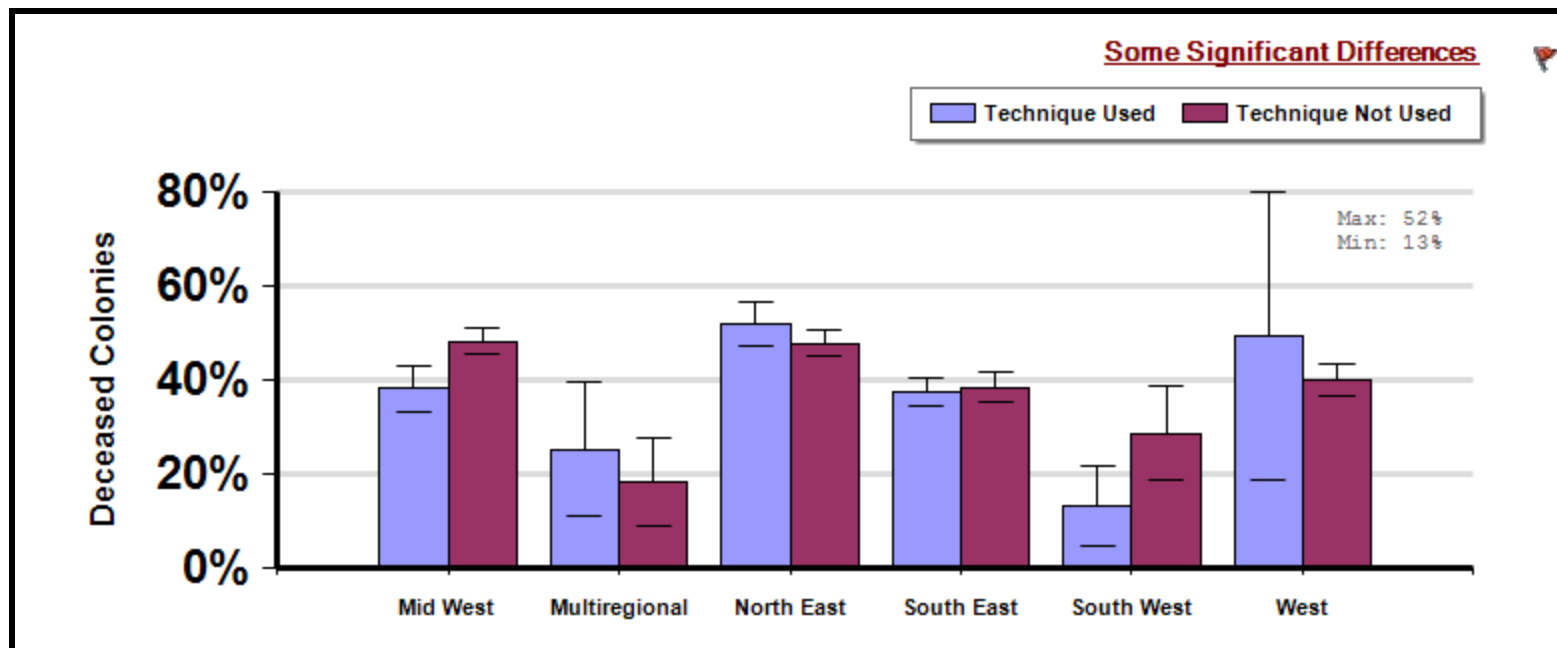
Small Hive Beetle Trap Use by Sub-Region

Management
Survey 2013

Average winter colony mortality reported by beekeepers who used or did not use Small Hive Beetle traps in at least some of the colonies in their operation, between April and March, by sub-region of operation.

Winter

Report ID: 128-
2013



Interpretation

Beekeepers in the Midwest who used Small Hive Beetle traps saw 10.1 fewer overwintering colony deaths per 100 managed colonies (20.9% fewer losses) than beekeepers in the Midwest who did not use Small Hive Beetle traps in their operation. There was no statistical difference for beekeepers who kept colonies in other regions or in multiple regions.

Survey Question

Over the last year, did you employ any of the IPM practices/equipment listed below?

-Screen bottom board

		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
Mid West	Technique Used	175	1,814	10.4	1.0	38.2 [33.2,43.2]

	Technique Not Used	555	14,458	26.1	10.8	48.3 [45.4,51.2]
Multiregional	Technique Used	18	907	50.4	28.6	25.3 [11.2,39.4]
	Technique Not Used	22	12,087	549.4	320.6	18.2 [8.8,27.5]
North East	Technique Used	200	2,515	12.6	2.9	52.0 [47.3,56.8]
	Technique Not Used	670	12,539	18.7	6.7	47.8 [45.1,50.5]
South East	Technique Used	484	5,612	11.6	1.3	37.5 [34.4,40.5]
	Technique Not Used	447	13,246	29.6	11.1	38.5 [35.3,41.6]
South West	Technique Used	21	165	7.9	1.4	13.1 [4.5,21.6]
	Technique Not Used	38	684	18.0	5.5	28.7 [18.7,38.8]
West	Technique Used	10	125	12.5	5.8	49.4 [18.9,80.0]
	Technique Not Used	385	17,431	45.3	19.8	40.1 [36.6,43.6]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.



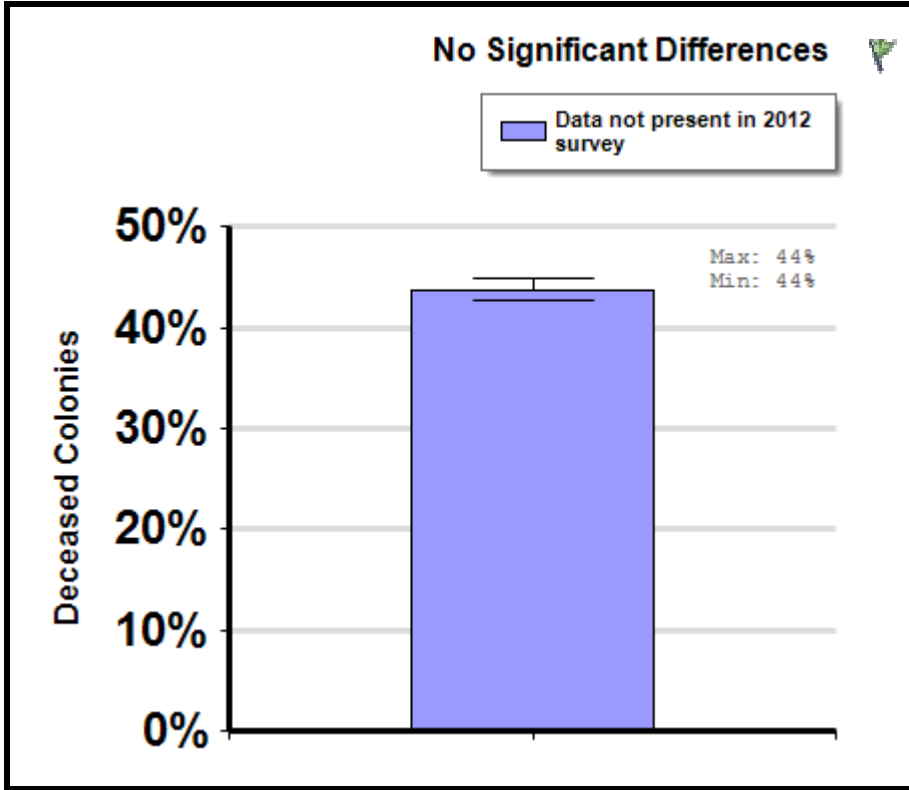
Small Hive Beetle Trap Use by Proportion of Use in Operation

Management Survey 2013

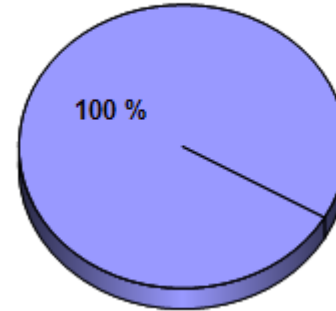
Average winter colony mortality suffered by beekeepers who used or did not use Small Hive Beetle traps in at least some of the colonies in their operation, between April and March, by proportion of use in their operation.

Winter

Report ID: 131-2013



Participant Ratio



Interpretation

Data not present in 2013 survey. No comparisons can be made.

Survey Question

Over the last year, did you employ any of the IPM practices/equipment listed below?

-Small hive beetle trap

		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
SHB Trap Used	Data not present in 2012 survey	4,125	610,464	148.0	24.1	43.8 [42.7, 44.9]

Comments About This Data

Relevant Links, References, and Citations

Funded By:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.