

Metadata for: POLLEN MONITORING NETWORK STUDY

This table provides essential information about the program data.

Title	POLLEN MONITORING NETWORK STUDY
Alternative Title	Pollen Monitoring Network (PMN) Study
Abstract	The Ministry of the Environment, Conservation and Parks (MECP) initiated the Pollen Monitoring (PMN) in 2015 with assistance from the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) to measure changes in pesticide (neonicotinoid insecticide, insecticide and fungicide) concentrations in pollen collected by honeybees following restrictions on the use of neonicotinoid-treated corn and soybean seeds. Baseline levels of pesticides were collected in 2015. Follow-up surveys were conducted in 2016, 2017, 2018 and 2019 to detect changes over time. The dataset contains measurements of pesticide (neonicotinoid insecticide, insecticide and fungicide) concentrations in pollen samples collected from honeybee yards in Ontario between April and September of each year.
Purpose	The dataset contains measurements of pesticide (neonicotinoid insecticide, insecticide and fungicide) concentrations in pollen samples collected from honeybee yards in Ontario between April and September 2015.
Status	Complete
Contact	Name : Tom Cowan Voice : (519) 668-9292 E mail : tom.cowan@ontario.ca Organisation : Ministry of the Environment, Conservation and Parks Position : Pesticides Specialist Role : Custodian
Cited Responsible Parties	Name : Tom Cowan Voice : (519) 668-9292 E mail : tom.cowan@ontario.ca Organisation : Ministry of the Environment, Conservation and Parks Position : Pesticides Specialist Role : Custodian
Use Limitations	The results are applicable to pollen collected by honeybees in Ontario with the majority collected in southwestern Ontario and not to the whole province. Sampling locations were determined in large part by the willingness of beekeepers to allow the MOECC to sample their hives. Sample collection was limited by availability of pollen collected by honeybees. Sample collection timing was sensitive and was not captured correctly in all sampling events. Pre-planting samples were not taken early enough to avoid exposure of pollen to neonicotinoid seed treatments from corn planting.
Geographic Bounds	West bound: - 95.15699 East bound: - 74.30798 South bound: 41.6723 North bound: 56.850117
Supplemental Information	***** OPEN DATA CATALOGUE ***** https://data.ontario.ca/dataset/pollen-monitoring-network-study ***** REPORTS ***** 2015: https://files.ontario.ca/moe_mapping/downloads/4Other/PHAP/Reports/2015_PHAP_PMN_Study.docx
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