



STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY
BOARD OF PESTICIDES CONTROL
28 STATE HOUSE STATION
AUGUSTA, MAINE 04333

JANET T. MILLS
GOVERNOR

AMANDA E. BEAL
COMMISSIONER

Memorandum

To: Board of Pesticides Control
From: Doug Van Hoewyk
Subject: Neonicotinoid-Treated Seeds in Quebec

September 24, 2026

This memo provides the Maine Board Pesticides Control with a preliminary analysis of crop data before and after Quebec's neonicotinoid restrictions that were implemented in 2019. These data focus on two agronomic metrics (*e.g.*, yield and non-harvestable acres) for corn silage, corn grain, soy, canola, barley, and oats. Raw data were collected from the Institute of Statistics in Quebec (statistique.quebec.ca); these data were manually analyzed and assembled into graphs. Importantly, at this point, any trends discovered before and after Quebec's passage of neonicotinoid restrictions in 2019 should be viewed as causal associations, and not causations.

ALEXANDER PEACOCK, DIRECTOR
90 BLOSSOM LANE, DEERING BUILDING



PHONE: (207) 287-2731
WWW.THINKFIRSTSPRAYLAST.ORG

Update on crop statistics in Quebec and Ontario before and after neonicotinoid restrictions

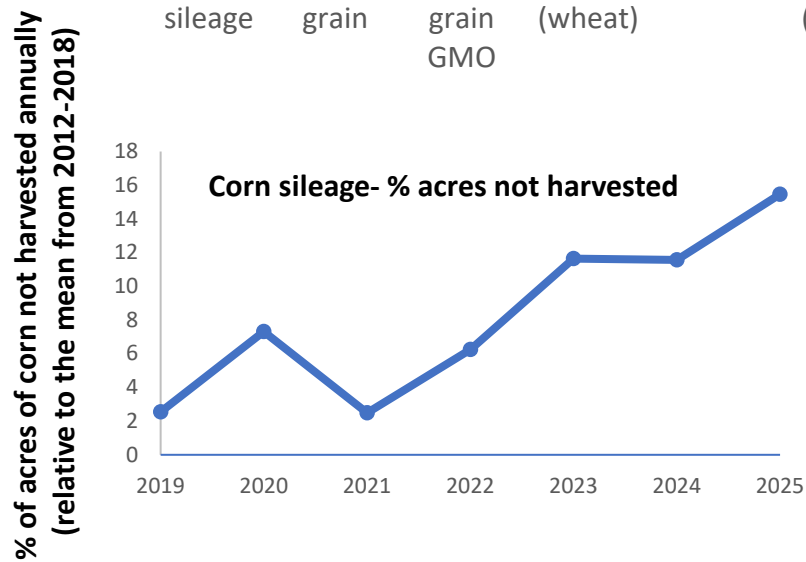
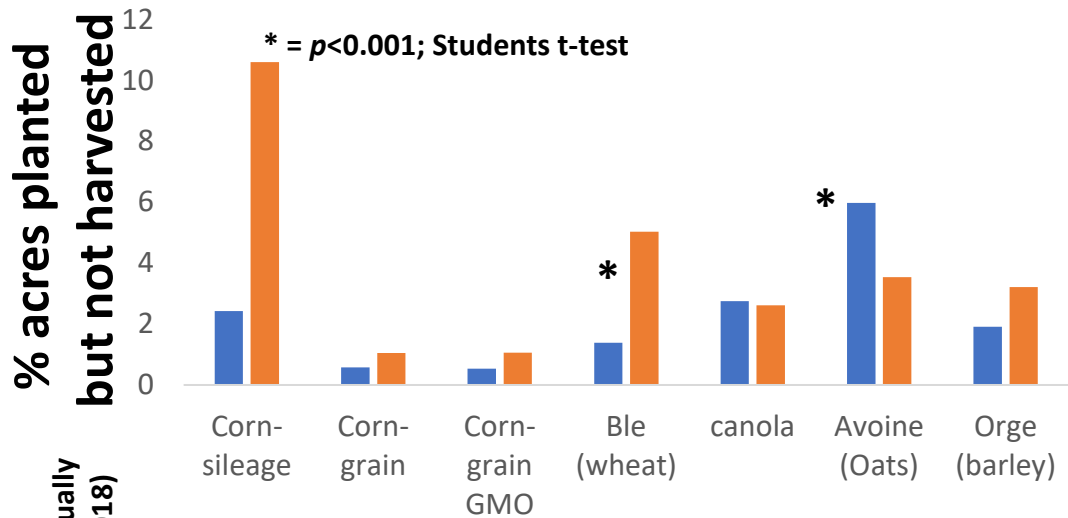
1. Acres planted but not harvested

2. Yield

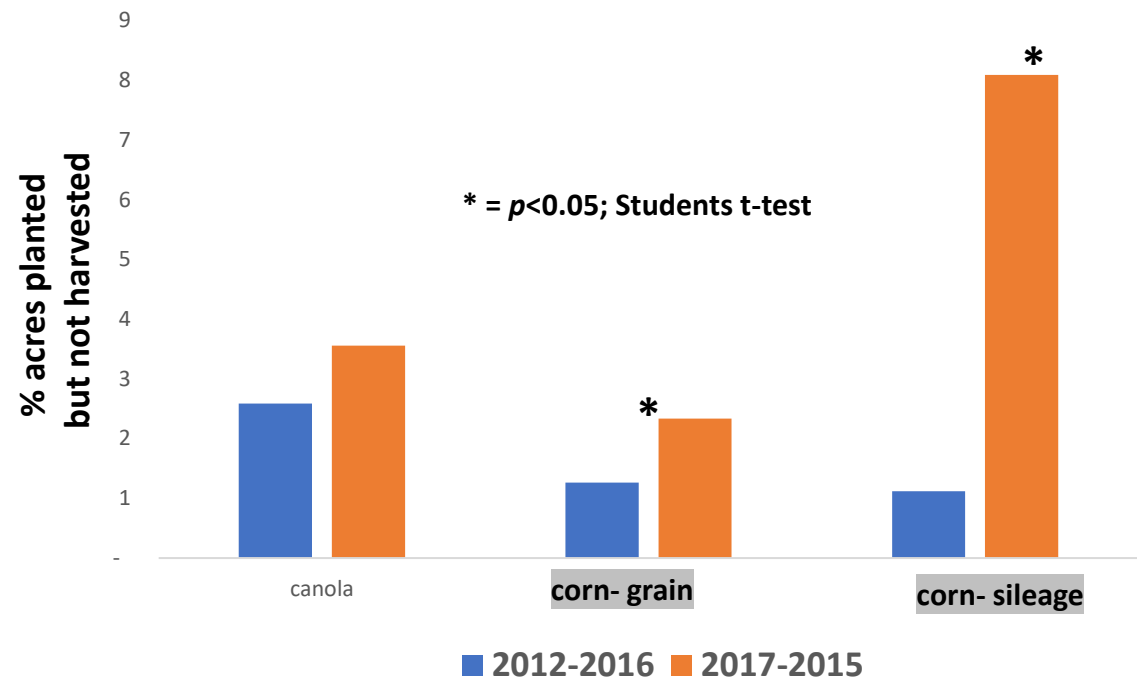
- **Data are considered preliminary, and point to trends and casual associations.**

This slide examines acres not harvested before and after neonic restrictions in Quebec and Ontario. Quebec and Ontario have a significant decrease in acres of corn silage not harvested after neonic restrictions.

Quebec



Ontario



This slide examines yield in Quebec and Ontario before and after neonic restrictions.

Quebec- no significant difference in yield in any crop examined; there are differences in total production.

Ontario- significance yield increase in canola and corn grain

