

2021 Final Report - Corn and Soybean Commodity Survey for VT Agency of Ag, Food and Markets
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CORN and SOYBEAN COMMODITY SURVEY

Conduct moth trapping surveys at 6 sites in 5 counties for corn and 6 sites and 5 counties for soybean, one trap per site for each of the arthropod pest species listed below. Specific traps for each pest were set out and brought back to the UVM Plant Diagnostic Clinic to be examined on an approximate 14-day schedule from June through September, 2021. Lures were changed at appropriate times as dictated by pest and trap.

All survey activity followed the approved methods and survey guidelines for pest surveillance in the CAPS Pest Datasheet (<https://pest.ceris.purdue.edu/>).

CORN (6 fields, 5 counties):

Corn counties included: Addison, Chittenden, Franklin, Grand Isle, Rutland

Corn scouts included: Scott Lewins, Kirsten Workman, Macie Millstein, Sarah Kingsley-Richards and Ann Hazelrigg

Corn results: None of the pests listed were found at any of the 6 sites in 5 counties on any date with the exception of several moths resembling *Autographa gamma*. These were collected and labeled for site, crop and date. This also occurred in 2020 and the specimen was sent to the USDA for further testing and was found to not be *A. gamma*. Suspect moths from 2021 will be sent to USDA for confirmation.

Corn farms surveyed, summer 2021

Corn - 6 farms, 5 counties	
Farm Name	VT County
Border View	Grand Isle
Hudak Farm	Franklin
Gosliga Farm	Addison
North Williston Cattle Co.	Chittenden
UVM HRC	Chittenden
Kemp Farm	Rutland

Corn Sites (coordinates and address)

1. Border View Farm (45.01135, -73.30711) 487 Line Rd, Alburg, VT 05440
2. Hudak Farm (44.8491, - 73.0884) 599 St Albans Road, Swanton, VT 05488
3. Gosliga Farm (44.0600, -73.1875) 255 Sunset Lane, Addison, VT 05491
4. No. Williston Cattle Co. (44.481351, -73.135624) 314 So. Street, Essex Junction, VT 05452
5. UVM HREC (44.4307, -73.2043) 65 Green Mountain Drive, S. Burlington, VT 05403
6. Kemp Farm (47.2465, -73.0350) 400 Wood Lane, Brandon, VT 05733

SOYBEAN (6 fields, 5 counties):

Soybean counties included: Addison, Chittenden, Grand Isle, Rutland and Windsor

Soybean scouts included: Scott Lewins, Kirsten Workman, Laura Johnson, and Ann Hazelrigg

Soybean results: None of the pests listed were found at any of the 6 sites in 5 counties on any date with the exception of several moths resembling *Autographa gamma*. These were collected and labeled for site, crop and date This also occurred in 2020 and the specimen was sent to the USDA for further testing and was found to not be *A. gamma*. Suspect moths will be sent to USDA for confirmation.

Soybean farms surveyed, summer 2021:

Soybean - 6 farms, 5 counties	
Farm Name	VT County
Border View	Grand Isle
Layn Farm	Addison
North Williston Cattle Co. East	Chittenden (2 fields widely separated)
Sweetland Farm	Windsor
Mardowski Farm	Rutland

Soybean Sites (coordinates and address)

1. Border View Farm (45.01135, -73.30711) 487 Line Rd, Alburg, VT 05440
2. Layn Farm (44.187858, -73.102537) 3204 Bristol Rd., Bristol, VT 05443
3. No. Williston Cattle Co. (44.481351, -73.135624) 314 So. Street, Essex Junction, VT 05452 (2 fields widely separated)
4. Sweetland Farm (43.779366, -72.258438) 97 Kerwin Hill Road Norwich, Vermont 05055
5. Mardowski Farm (43.9007, -73°20.8319) 2405 Frazier Hill Road, Benson, VT 05743