THE UNIVERSITY OF VERMONT EXTENSION

2021 Final Report – Fruit Commodity Survey for VT Agency of Ag, Food and Markets

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FRUIT COMMODITY SURVEY

Traps were placed in apple, grape and cherry orchards and changed every 2 weeks from June through September to monitor for import/export pests of significance as listed below. Traps were brought back to the UVM Plant Diagnostic Clinic and examined after collections. 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/).

Scouts included: Macie Millstein, Sarah Kingsley-Richards, Terry Bradshaw and Ann Hazelrigg

Results: None of the pests listed were found at any of the sites in any crop with the exception of some moths resembling *A. gamma* in grape. These were labelled for site and date and will be sent to USDA for further identification.

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APPLE ORCHARDS-6 counties

- 3 target pests (*Epiphyas postvittana- Jackson trap, Adoxophyes orana- Paper Delta, Grapholita funebrana- Wing trap*)
- 6 orchards/6 counties

Apple	
Farm Name	**VT County**
Hackett Orchard	Grand Isle
Last Resort Farm	Addison
Horticulture Research Farm	Chittenden
Peck Orchard	Washington
Lucky Bugger Vineyard	Orleans
Kevin Lawyer Farm	Franklin

- Hackett Orchard (44.6343° N, 73.3028° W) 86 South St, South Hero, VT 05486
- Last Resort Farm (44.2662, -73.1013) Tyler Bridge Road, Monkton, VT 05469
- Horticulture Research Farm (44.4307, -73.2043) 65 Green Mountain Drive, S. Burlington, VT 05403
- Peck Orchard (44.3109, -72.5031) 750 Sibley Rd, East Montpelier VT 05651
- Lucky Bugger Vineyard (43.9396, -72.6436) 255 Harlow Hill Rd, Randolph, VT, 05060
- West Swanton Orchard (44.9946, -73.2004) N. River St, Swanton, VT 0548

CHERRY/STONE FRUIT ORCHARDS-3 counties

- 3 target pests (*Rhagoletis cerasi- Sticky card baited, Adoxophyes orana- Paper Delta, Grapholita funebrana- Wing trap*)
- 3 cherry orchards/3 counties

Cherry	
Farm Name	**VT County**
Hackett Orchard	Grand Isle
Last Resort Farm	Addison
Horticulture Research Farm	Chittenden

- Hackett Orchard (44.6343° N, 73.3028° W) 86 South St, South Hero, VT 05486
- Last Resort Farm (44.2662, -73.1013) Tyler Bridge Road, Monkton, VT 05469
- Horticulture Research Farm (44.4307, -73.2043) 65 Green Mountain Drive, S. Burlington, VT 05403

VINEYARDS-5 counties

- 5 pests (*Adoxophyes orana- Paper Delta, Epiphyas postvittana Jackson, Spodoptera litura PB, Lobesia botrana- Delta, Autographa gamma-PB*)
- 5 vineyards/5 counties

Grape	
Farm Name	**VT County**
Snofarm Vineyard	Grand Isle
Last Resort Farm	Addison
Horticulture Research Farm	Chittenden
Boyden Farm	Lamoille
Lucky Bugger Farm	Orleans

- Snofarm Vineyard (44.6274, -73.3331)190 W Shore Rd, South Hero, VT 05486
- Last Resort Farm (44.2662, -73.1013) Tyler Bridge Road, Monkton, VT 05469
- Horticulture Research Farm (44.4307, -73.2043) 65 Green Mountain Drive, S. Burlington, VT 05403
- Boyden Farm (44.6456, -72.9017) VT-104, Cambridge, VT 05444
- Lucky Bugger Vineyard (43.9396, -72.6436) 255 Harlow Hill Rd, Randolph, VT, 05060