Silver Tip Tight Cluster Early Pink Late Pink July **Bloom** Petal Fall June **STLM- Spotted Tentiform Leaf Miner White Apple and Potato Leafhoppers Pollinators Active Set Red Visual Traps** Check traps weekly for **Continue Monitoring** Check traps for updated Examine leaves for **Continue Monitoring** No Insectictides! thresholds thresholds presence of 1st gen. nymphs and adults. Threshold: 25/100 lvs **TPB-Tarnished Plant Bug** Bee Set White Sticky Traps Check traps weekly for **Continue Monitoring** Check traps for updated & Bumble Bee thresholds thresholds **European Red and Two-Spotted Spider Mites** Monitor every 7-14 days for motile mites. Compare to Mite Sampling Chart, threshold changes EAS- European Apple Sawfly throughout the season. Set White Sticky Traps Check traps weekly for

thresholds

Scouting Thresholds				
	Tight Cluster	Late Pink	Petal Fall	<u>July</u>
STLM	McIntosh: 4/ Trap	9/Trap	7 Mines/100 Lvs	50 Mines/ 100 Lvs
	Non-Mac: 8/Trap	21/Trap	14 Mines/100 Lvs	100 Mines/ 100 Lvs
	Tight Cluster	Late Pink		
ТРВ	Wholesale: 3/trap	5/trap		
	Retail: 5/trap	8/trap		
EAS	No Pre-Bloom Insecticide: 5/trap			
	Blocks with Pre-Bloom Insecticide: 9/Trap			
AMF	Non-Baited Spheres: 1/Trap			
	Baited Spheres: 5/Trap			
Orchard IPM Resources				

UVM Fruit Page: Tree Fruit and Viticulture

http://www.uvm.edu/~fruit/

NEWA: Decision support systems for insect and disease models

http://newa.cornell.edu/

Great Lakes IPM: Trapping Supplies

http://greatlakesipm.com/

UVM Plant Diagnostic Clinic: Pest and disease identification

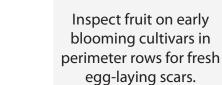
https://www.uvm.edu/extension/pdc

Cornell IPM Fact Sheets

http://www.nysipm.cornell.edu/factsheets/treefruit/default.asp

Tree Fruit Field Guide

http://palspublishing.cals.cornell.edu/



Threshold: First evidence of damage Use DD model to determine timing of last spray.

PC- Plum Curculio

OBLR- Obliquebanded Leafroller

Hang pheromone traps in When 600 DD (base 43F) orchard. Monitor daily for first capture. Begin to accumulate DD (base 43F) from 1st capture.

are reached, examine 10 expanding terminal shoots per tree. Record the number of terminals infested. Use Cornell Sampling Form to determine whether to treat.



CM- Codling Moth

Hang pheromone traps in orchards. Check daily capture

1st Generation Calculate DD from first adult catch to time Note date of first trap insecticide spray 250-350 DD (base 50F)

2nd Generation Calculate DD from first adult catch to time insecticide spray in blocks where CM are a problem: 1260-1370 DD (base 50F)



AMF- Apple Maggot Fly

Hang traps during last week in June. Four traps/block at perimeter. Traps must be very visible; place in outer edge of canopy at head height and remove foliage around them.

Monitor Weekly For Thresholds non-baited spheres: 1/trap baited spheres: 5/trap

August

Examine leaves for

presence of 2nd gen.

nymphs and adults.

Threshold: 25/100 lvs

2018 IPM 'Quick' Summary for Monitoring Apple Arthropod Pests

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