

## Survey of the Current Critical or "Hot topic" Pests of the Northeastern US, April, 2017

- Green x's on the right indicate a positive response on a critical pest.
- Pests that are highlighted in brown indicate that at least three responders consider them to be primary pests.
- Specific responders' comments follow the pest name.
- O stands for difficult to control in organic systems.

	NH	CT	NY	NYLI	PA	NJ	DE	MD	WV	VA
<b>Vegetables</b>										
<b>Asparagus beetles</b> - reduced effectiveness of pyrethroids, <b>O</b>	x	x					x			
<b>Colorado potato beetle</b> - Coragen unavailable due to potential groundwater movement for Long Island; difficult to control and damaging	x			x						
<b>Spotted wing drosophila</b> - lack of materials, <b>O</b>									x	
<b>Pepper maggot</b>		x								
<b>Two-spotted spider mites</b> - earlier seasonal appearance, hard to control								x		
<b>BMSB</b> occasional pest - only broad spectrum insecticides effective; lack of reduced risk insecticides; problem in late season tomatoes, sweetcorn, <b>O</b>		x		x	x				x	x
<b>Native stinkbugs</b> - on many crops - difficult to detect, contamination on spinach; question of spraying on field corn							x	x		x
<b>Flea beetles</b> - diff to control on multiple crops, <b>O</b>	x						x		x	
<b>Leafminers</b> - spinach, beets - diff to control, <b>O</b>	x									
<b>Soybean loopers</b> - succulent beans							x			
<b>Swede midge</b> - organic control issues, <b>O</b>			x							
<b>Cabbage whitefly</b> - diff to control, <b>O</b>		x		x		x			x	
<b>Cabbage aphid</b> - diff to control; low cosmetic injury threshold	x									
<b>Diamond back moth</b> - diff to control - low cosmetic injury threshold	x									
<b>Cabbage maggot</b> - diff to control, <b>O</b>	x			x						x
<b>Leek moth</b>			x							
<b>Onion maggot</b>		x		x						x
<b>Allium leafminer</b> - new threat on all allium group - no efficacy data			x		x	x		x		

<b>Striped cucumber beetles</b> - lack of materials foliar; rind injury late season, control reliant on neonics, concerns of bee safety	x	x				x	x	x		x
<b>Squash bug</b> - difficult to control, O	x					x				
<b>Squash vine borer</b> - diff to control, timing with pollination, O	x									
<b>3-lined potato beetle</b> - increasing in tomatillos	x									
<b>thrips - western flower thrips</b> - damage multiple crops, developing insecticide resistance, hard to detect in greenhouse plants						x		x		x
<b>thrips - tobacco thrips</b> - developing neonic resistance										x
<b>Onion thrips</b> - concern of insecticide resistance, disease vector						x				x
<b>Carrot weevil</b> - parsley and carrots						x				
<b>Corn earworm</b> - lack of pyrethroid effectiveness; new diamide materials? Bt resistance	x	x				x	x	x	x	x
<b>Fall armyworm</b> - pyrethroid resistance, some Bt resistance?	x					x	x	x		
<b>Sap beetles</b> more of a problem if more Bt corn						x	x		x	
<b>Seed corn maggot</b> - sweet corn, peas, snap beans	x						x		x	
<b>Winter cutworm</b> - Noctua pronuba										x
<b>Yellow striped cutworm</b> (armyworm)										x

<b>Field crops</b>										
<b>Native stink bugs</b> on corn								x	x	
<b>Kudzu bug</b>										x
<b>Slugs</b> - corn and soybeans, no-till and forage, difficult to control, limited control options, molluscicides expensive and difficult to apply							x		x	x
<b>Soybean loopers</b> – soybeans, problem in double crop, diamide and methoxyfenoxide resistance									x	x
<b>Dectes stem borer</b> - soybeans									x	
<b>Western bean cutworm</b>							x		x	x
<b>Wireworms</b> - old pest but still very difficult to control										x
<b>True armyworm</b> - difficult to monitor in grass hay	x									

<b>Current or Potential Invasive Pests</b>										
<b>Allium leafminer</b>							x	x		x
<b>Swede midge</b>	x						x	x		
<b>Leek moth</b>	x						x			

