



Welcome to the [Vermont Entomology and Participatory Action Research Team \(VEPART\)](#) Scouting report. Over the course of the growing season we will be reporting out on the major insect pests and diseases found at UVM's Horticultural Research and Education Center. Reports can be found below.

For detailed management information about these pests, as well as a comprehensive guide to current production and pest management techniques for commercial vegetable crops, check out the [2020-2021 New England Vegetable Management Guide](#). And, as always feel free to reach out to us if you have any questions. (slewins@uvm.edu & vizzo@uvm.edu)

Scouting Report 7/9/21

Hi all,

First a quick note about our website, it is in the process of getting some updates installed so this week we are attaching the full report as an attachment to this email. In the past week with the increased precipitation in the region, we are seeing some pests begin to increase in severity and a very important disease being reported in and around the region.

Some of the highlights are below:

- ***Spotted Wing Drosophila are being found in the region and the expectation is that populations will begin to spike with the increased moisture.*** Flies are being found in traps throughout the northeast including Vermont. However, trap counts have been variable and this is likely due to the variability in the surrounding landscape of individual farms. Regardless, we suspect that we will see a bump in SWD numbers in the coming week.

You can see an interactive SWD trap map [here](#).

- ***Leek moth adult numbers are still very high*** and in some areas we are seeing very high trap counts of 50+ moths per trap. As many growers are harvesting garlic, if you suspect that you have high leek moth pressure, as evidenced by damage in scapes or leaves, you may consider topping/trimming your garlic to remove any eggs before bringing your plants into curing spaces. Here is a link to Crystal Stewart-Courtens' work on post harvest treatment in garlic for your review: [post harvest results](#) . According to Crystal's work, "[trimming] pruning length did not affect the dried weight of bulbs significantly. Furthermore, there were no significant differences in disease incidence across any of the trimming treatments."

- *Squash vine borer moths are being observed throughout the region*, and in some cases in very high numbers.
- *Swede midge damage is being seen in greater frequency* in broccoli and kale crops.
- *Cucurbit downy mildew risk is high in the region* with known occurrences in NY and New England, Vermont growers are also at high risk of pathogen spread throughout most of the region. See: [Downy Mildew Forecast](#)

For more detailed description on individual pests, please reference the table below:

Thurs July 8, 2021

Pest/Disease	Crop Found	Scouting Notes
Spotted Wing Drosophila	Blueberries	Flies are being found in traps throughout the northeast including Vermont. However, trap counts have been variable and this is likely due to the variability in the surrounding landscape of individual farms. Regardless, we suspect that we will see a bump in SWD numbers in the coming week.
Colorado Potato Beetle	Potatoes	We are beginning to see overlapping generation and high amounts of damage within potato and eggplant. Significant damage is being seen on several farms.
Leek Moth	Onions/Garlic	Leek moth adult numbers are still very high and in some areas we are seeing very high trap counts of 50+ moths per trap. As many growers are harvesting garlic, if you suspect that you have high leek moth pressure, as evidenced by damage in scapes or leaves, you may consider topping/trimming your garlic to remove any eggs before bringing your plants into curing spaces.
Striped Cucumber Beetle	Squash/Cucumber	Striped and spotted cucumber beetles are still being found in limited numbers in cucurbits. These numbers seem to be significantly lower than previous years at this point in the season. Though in more susceptible varieties (e.g. Blue hubbard - <i>Cucurbita maxima</i>), beetle numbers can be high with maximum concentrations being found in and around open flowers.
Squash Bug	Squash	Squash bugs are still being found in very high numbers in squash plantings. We have also seen a large number of nymphs and egg masses this week.

		As a result all stages of squash bugs are evident and many growers are experiencing large infestations
Flea Beetle	Broccoli/ Kale	Flea beetle numbers seem to be persisting but at manageable levels as most plants are large enough to easily tolerate the number of beetles on a plant. We saw more flea beetles present on the kale than last week at HREC but still not very abundant.
Swede Midge	Kale/Broccoli	We noticed a fair bit of swede midge damage this week in kale and other brassicas. Damage is increasing significantly on farms in the region.
Imported Cabbage Worm, Diamondback Moth	Broccoli and Kale	There continues to be adult butterflies present flying around most brassicas Imported cabbage worm larvae numbers continue to be on the rise this week. We noticed chrysalises as well. Diamondback moth adults are being found in modest numbers in brassicas.
Aphids	Kale/Tomato	We still haven't seen any cabbage aphid yet, but aphids are still being found in tomato and many perennials. However, these numbers have been steady and non-problematic
Squash Vine Borer	Winter and summer Squash	Vine borer continues to be found in high amounts within baited traps. We are also seeing many vine borers flying in squash plantings in Northern Vermont. Damage from larvae is not prevalent, but we suspect larval feeding will begin to pickup over the next week or two. Be on the lookout for damaged plants (e.g. falling stems/leaves)
Onion Thrips	Onions	We are still seeing significant amounts of onion thrips damage in yellow onions and with limited damage in red onions.

Scouting Report 7/1/21

Hi all,

A couple of quick notes regarding this week's pest report. First, we have a new easy url for our pest reports. You can now use go.uvm.edu/pests. This should be easy to remember! Secondly, we would like to acknowledge that much of the pest scouting this season is being done by several undergraduate research fellows from the University of Vermont. We want to be sure to give credit where it is due and extend our gratitude towards Ashley Pearson, Charlotte Smith, Sadie Southall and Laurel Marshia. Without their hard work and dedication these reports would not be possible.

Ok, now on to the pests.

In general, the warm temps and abundant precipitation are driving pest pressure to more injurious levels.

Some of the highlights are below:

- ***Spotted Wing Drosophila are being found in the region.*** Flies are being found in the region up to the Canadian border and reports from Massachusetts indicate that “captures [have] increased substantially in the past week.” You can see an interactive SWD trap map [here](#).
- ***Leek moth adult numbers are peaking*** in the region with trap counts of 20+ moths per trap on most of our monitored farms.
- ***Squash vine borer moths are being observed throughout the region,*** and in some cases in very high numbers.
- ***Swede midge damage is being seen in limited amounts*** in broccoli and kale crops.
- Though we haven't seen much disease cropping up at our monitoring sites, the recent increase in precipitation suggest that ***disease incidence is likely to increase in the upcoming weeks.***
- ***Diamondback moth adults are being found in Vermont*** in brassica plantings. We are yet to find many larvae at the UVM Hort farm, but that is just a matter of time.

p.s. If you'd like to see what our whole group of undergraduate fellows are up to this summer, you can check out their photoblog [here](#).

For more detailed description on individual pests, please reference the table below:

Thurs July 1, 2021

Pest/Disease	Crop Found	Scouting Notes
Spotted Wing Drosophila	Blueberries	Flies are being found in the region up to the Canadian border and reports from Massachusetts indicate that “captures [have] increased substantially” in the past week.
Colorado Potato Beetle	Potatoes	All stages of life present are being found in high abundance in larger potato plantings. The larval stage is beginning to dominate the infesting populations. Significant damage is being seen on several farms.
Leek Moth	Onions/Garlic	Leek moth adults are flying and currently laying eggs on most alliums. The trap numbers are close to peaking with more than 20+ adults in most traps.
Striped Cucumber Beetle	Squash/Cucumber	Striped and spotted cucumber beetles are still being found in limited numbers in cucurbits.

		Though in more susceptible varieties (e.g. Blue hubbard - <i>Cucurbita maxima</i>), beetle numbers can be high with maximum concentrations being found in and around open flowers.
Squash Bug	Squash	Squash bugs are still being found in very high numbers in squash plantings. All stages of squash bugs are

		evident and many growers are experiencing large infestations. Seems like one of the worst years in memory.
Flea Beetle	Broccoli/ Kale	Flea beetle numbers seem to be persisting in some areas and becoming patchy in others. We saw more flea beetles present on the kale than last week at HREC but still not very abundant.
Swede Midge	Kale/Broccoli	Some swede midge damage is beginning to crop up in both kale and broccoli at HREC. We've also noticed some damage on other farms in the region in the same crops.
Imported Cabbage Worm, Diamondback Moth	Broccoli and Kale	There continues to be adult butterflies present flying around most brassicas Diamondback moth adults are being found in modest numbers in brassicas but no larvae have been observed.
Aphids	Kale/Tomato	We still haven't seen any cabbage aphid yet, but aphids are being found in
		tomato and many perennials.
Squash Vine Borer	Winter and summer Squash	Reports from New Hampshire have indicated that vine borer is still being found in high amounts

		within baited traps. We are also seeing many vine borers flying in squash plantings in Northern Vermont.
Onion Thrips	Onions	We are seeing significant amounts of onion thrip damage in yellow onions and limited damage in red onions.

Scouting Report for 6/25/21

Insect pest pressure has really picked up within numerous crops in the last week. With the hot and dry weather we're expecting this trend to continue in the upcoming weeks. A couple of important highlights from this week's monitoring are:

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- **Swede midge** damage is beginning to be seen in multiple brassica crops. Though the levels are currently low, they can pick up very quickly especially with the hot weather.
- **Colorado potato beetle larvae** are being found in very high numbers and many larvae are almost ready to pupate in the soil.
- **Squash vine borers** have been reported to be flying in high numbers in New Hampshire and several reports have come in from Vermont growers ○ **Tomato hornworms** are around, according to a local grower (sent last week), “tomato horn worm already in our early heated tomato houses - earliest ever!”

Again, with the lack rain, there continues to be limited disease pressure in most crops.

You can find specific notes on current pest and disease activity detailed in the table below.

Pest/Disease	Crop Found	Scouting Info
Colorado Potato Beetle	Eggplant, Potato, and Tomato	All life stages of CPB are being found in high abundance in larger potato plantings. The larval stage is beginning to dominate the infesting populations. Significant damage is being seen across the region.

Potato Leaf Hopper	Potatoes	<p>PLHs are beginning to be found readily in potato. Most of the hoppers in our scouting have been adults, but nymphs are being found on the underside of leaves.</p> <p>As stressed by Vern Grubinger in his recent VVBGA post, "Don't wait until you see signs of hopperburn to take action; that damage is not reversible."</p>
Leek Moth	Onion and shallots	<p>Leek moth adults are flying and currently laying eggs on most alliums. Provided the upcoming warmer temperatures, we presume that larval damage (i.e. window-paning) will begin to crop up in onions and other alliums in the next week or so.</p>
Imported Cabbage Worm (Cabbage whites)	Most brassicas	<p>Adults moths continue to be found flying around all brassicas. Pupae are being found in high abundance, along with many larvae.</p> <p>We are yet to see any diamondback moth larvae at the HREC, however, reports from Massachusetts are that diamondback moth is being found in high numbers and has been there for some time. There is even some evidence that there may be overwintering populations in MA.</p>
Flea Beetle	Most brassicas: arugula, radishes, etc. Eggplant	<p>Flea beetles numbers are beginning to wane at HREC and become less evident in many of the larger brassicas. However, we are still seeing higher levels at other farms in the region</p>
Swede midge	Many brassicas	<p>Swede midge damage is beginning to crop up in both kale and broccoli at HREC. We've also noticed some damage on other farms in brassica plantings.</p> <p>Swede midge adults and larvae are very small and generally are not easy to find and their damage can be misconstrued as disease. If you are seeing strange twisted leaves, scarring or a lack of broccoli/cauliflower heads, it may be due to swede midge infestation.</p>
Three-lined potato beetle	Tomatillos and husk/ground cherries	<p>Adults are actively flying and laying eggs. Larvae are feeding heavily in tomatillos and husk cherries.</p>

Aphids	Tomatoes and many perennials	We haven't seen any cabbage aphid yet, but aphids are being found in tomatoes and many perennials. However, natural enemies are being found in high abundance in many of the previously infested crops and thus aphid numbers seem to be coming down significantly in particularly in field tomatoes.
Striped Cucumber Beetle	Cucumber and Summer Squash	Striped and spotted cucumber beetles are still being found in limited numbers in cucurbits;
Squash Bug	Summer and Winter Squash	Squash bugs are being found in very high numbers in squash plantings. All stages of squash bugs are evident and many growers are experiencing large infestations. "this is the worst squash bug season in memory!"~ from a local grower
Squash Vine Borer	Squash	Reports from New Hampshire have indicated that vine borer is being found in high amounts within baited traps. This is very early compared to years past to be finding such high numbers of vine borers. We will be putting out traps this upcoming week to see how they compare, but growers in Vermont have been seeing them too.

Scouting Report for 6/18/21

*Pest pressure in most crops has stayed pretty consistent since last week. A few pests populations have begun to transition into more advanced life stages (e.g. from egg to larvae, larvae to adult, etc.). A couple of important highlights from this week's monitoring is that **Colorado potato beetle larvae are hatching and feeding voraciously in some areas, aphid populations are building in field tomatoes, and leek moth adults are soon to begin laying eggs on alliums.***

Again, with the lack rain, there continues to be limited disease pressure in most crops.

You can find specific notes on current pest and disease activity detailed in the table below.

Pest/Disease	Crop Found	Scouting Info
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<p>Colorado Potato Beetle</p>	<p>Eggplant, Potato, and Tomato</p>	<p>Adults are being found in a high abundance, mating, feeding, and laying eggs.</p> <p>Egg masses are hatching and feeding damage from larvae is starting to mount. We are seeing some late stage larvae on a few farms in Chittenden County. These later stage larvae can quickly decimate a plant.</p>
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		<p>Remember to check the undersides of leaves if you are scouting.</p>
<p>Potato Leaf Hopper</p>	<p>Hops</p>	<p>It has been reported that PLHs are being seen on crops in New England. Here in Vermont our team has begun to see PLHs on hops. So it is time to begin scouting. (click on the PLH link for a fact sheet with some useful tips for scouting & monitoring)</p> <p>As stressed by Vern Grubinger in his latest VVBGA post, "Don't wait until you see signs of hopperburn to take action; that damage is not reversible."</p>
<p>Leek Moth</p>	<p>Hard neck Garlic Onion</p>	<p>As mentioned last week the second flight is just beginning in the warmer areas of northern Vermont (i.e. Burlington, etc.), egg laying is likely to begin soon.</p> <p>Damage within garlic has stalled, as most of the population is now in the pupal stage. We have seen limited window-paning damage in onion and have spotted a couple of pupae on the small leaf tubes.</p>
<p>Imported Cabbage Worm (Cabbage whites)</p>	<p>Broccoli and Brussels sprouts</p>	<p>Adults moths continue to be found flying around broccoli and Brussel sprouts. Larval damage seems to have slowed and is limited to the earlier lower leaves. Pupae have been spotted on leaves. They are a bit difficult to find, as they are green and camouflaged.</p> <p>We are yet to see any cabbage looper or diamondback moth larvae.</p>

Flea Beetle	Most brassicas: arugula, radishes, etc. Eggplant	Adults are feeding on leaves and laying eggs at the base of plants. Some solanums and brassicas in the region are seeing significant damage. As we move deeper into the summer the flea beetle pressure should subside.
Spinach leaf miner	Spinach and Swiss Chard	Damage from the first generation of SLM has subsided and we are not seeing eggs on the underside of leaves. However, the next generation may soon be emerging from the soil.
Three-lined potato beetle	Tomatillos and husk/ground cherries	Adults are actively flying and laying eggs. Larvae are feeding in high tunnels and warmer low-lying areas. Some larvae are being spotted on tomatillos. Like the larvae of Colorado potato beetle, a few larvae can inflict significant damage.
Aphids	Tomatoes and Currants	We are beginning to see aphids in high-tunnel and field tomatoes Field tomatoes and cover crops are showing higher numbers of aphids.
Striped Cucumber Beetle	Cucumber and Summer Squash	Adult beetles are still being found in small numbers on leaves and squash flowers. Feeding damage seems to be limited at the current time.
Squash Bug	Summer and Winter Squash	We are finding one or two adult squash bugs in and around most squash plantings. We are yet to see any eggs or juveniles (i.e. nymphs), just mating adults.

Scouting Report for 6/11/21

With the consistently high temperatures, pest populations are advancing through their life stages quite rapidly. In addition, potato leaf hoppers have arrived within the region (see below). Here at the UVM farm, a lot of the crops are still under row cover and that seems to be an effective strategy thus far as pest pressure is low in covered crops. Also, with the lack rain, there continues to be limited disease pressure in most crops.

You can find specific notes on current pest and disease activity detailed in the table below.

Pest/Disease	Crop Found	Scouting Info
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Colorado Potato Beetle	Eggplant, Potato, and Tomato	Adults are still being found in a high abundance, mating, feeding, and laying eggs. <u>We've seen our first larvae of the season</u> , as a few egg masses have hatched on some of the earlier planted solanums. So be on the lookout for the red/orange larvae feeding on leaves. Remember to check the undersides of leaves if you are scouting.
Potato Leaf Hopper	Hops	It has been reported that PLHs are being seen on crops in New England. Here in Vermont our team has begun to see PLHs on hops. So it is time to begin scouting. (click on the PLH link for a fact sheet with some useful tips for scouting & monitoring) As stressed by Vern Grubinger in his latest VVBGA post, "Don't wait until you see signs of hopperburn to take action; that damage is not reversible."
Leek Moth	Hard neck Garlic Onion	A few moths have begun to show up in our baited traps at the UVM farm. This suggests that the upcoming flight is just beginning.
		Damage within garlic has stalled, as most of the population is now in the pupal stage . We have seen limited feeding damage in onion and have spotted a couple of pupae on the small leaf tubes.
Imported Cabbage Worm (Cabbage whites)	Broccoli and Brussels sprouts	Adults moths continue to be found flying around broccoli and Brussel sprouts. Larval damage seems to have slowed and is limited to the earlier lower leaves. Pupae have been spotted on leaves. They are a bit difficult to find, as they are green and camouflaged. We are yet to see any cabbage looper or diamondback moth larvae.
Flea Beetle	Most brassicas: arugula, radishes, etc. Eggplant	Adults are feeding on leaves and laying eggs at the base of plants. Some eggplant in the region is seeing significant damage.
Spinach leaf miner	Spinach and Swiss Chard	We are seeing damage on many leaves, with some plants exhibiting significant damage.

Three-lined potato beetle	Tomatillos and husk/ground cherries	Adults are actively flying and laying eggs. Larvae are feeding in high tunnels and warmer low-lying areas but field crops are yet to see larvae.
Aphids	Tomatoes and Currants	We are still seeing small numbers of aphids in hightunnel tomatoes and high pressure in currants. Field tomatoes and cover crops are showing higher numbers of aphids.
Striped Cucumber Beetle	Cucumber and Summer Squash	Adult beetles are beginning to be found in small numbers on leaves and squash flowers. Feeding damage seems to be limited at the current time.

Scouting Report for 6/4/21

Things are really starting to pick up here at UVM's Catamount farm. Almost everything is in the ground (except sweet potatoes), and insects are actively munching and laying eggs. There are quite a few crops still under row cover and so pest pressure seems to be rather low on crops. Also, with the limited rain, there is no sign of significant disease pressure in any of the crops.

You can find specific notes on current pest and disease activity detailed in the table below.

Pest/Disease	Crop Found	Scouting Info
Colorado Potato Beetle	Eggplant & Potato	Adults from the emerging overwintering population are currently feeding and laying eggs. Still no sign of larvae...yet. We predict that eggs will start to hatch soon, especially with the expected high temperatures for next week.

<p>Leek Moth</p>	<p>Hard neck Garlic</p>	<p>Adult moths from the emerging overwintering population are no longer showing up in baited traps. We are well into the larval and pupal stages of the first new generation of the season.</p> <p>We're seeing a lot of larval feeding in hard neck garlic. This damage is primarily found in the center of the plant, in and around scapes. Leek moth larvae tend to prefer scapes, so that is a great place to focus your scouting.</p> <p>We are also seeing a significant number of pupae on leaves. With the predicted high temps, we imagine that the second flight is soon to begin. Perhaps in a week or so.</p>
<p>Imported Cabbage Worm (Cabbage whites)</p>	<p>Brussels sprouts</p>	<p>Adults moths have been flying for a couple of weeks now and are actively laying eggs. Larvae are feeding on leaves. A few pupae have been spotted.</p> <p>We are yet to see any cabbage looper or diamondback moth larvae.</p> <p>Also, our broccoli and kale are currently experiencing little noticeable damage from cabbage worms.</p>
<p>Flea Beetle</p>	<p>Most brassicas: arugula, radishes, etc.</p>	<p>Adults are feeding on leaves and laying eggs at the base of plants</p>
<p>Spinach leaf miner</p>	<p>Spinach and Swiss Chard</p>	<p>Adult flies are actively laying eggs. Egg masses are being found in high numbers on spinach outside of row cover and insect netting. We are also seeing damage on many leaves, with some plants exhibiting significant damage.</p>
<p>Three-lined potato beetle</p>	<p>Tomatillos and husk/ground cherries</p>	<p>Adults are actively flying and laying eggs. Larvae are feeding in high tunnels and warmer low-lying areas.</p>
<p>Aphids</p>	<p>Tomatoes and Currants</p>	<p>We're seeing small numbers of aphids in hightunnel tomatoes and high pressure in currants.</p>
		<p>We've also spotted quite a few aphids on lingering cover crops and weeds.</p>

Scouting Report for 5/29/21

Things are really starting to pick up here at UVM's Catamount farm. Almost everything is in the ground (except sweet potatoes), and insects are actively munching and laying eggs. There are quite a few crops still under row cover and so pest pressure seems to be rather low on crops. Also, with the limited rain, there is no sign of significant disease pressure in any of the crops.

You can find specific notes on current pest and disease activity detailed in the table below.

Pest/Disease	Crop Found	Scouting Info
Colorado Potato Beetle	Eggplant & Potato	Adults from the emerging overwintering population are currently feeding and laying eggs. Still no sign of larvae...yet. We predict that eggs will start to hatch soon, especially with the expected high temperatures for next week.
Leek Moth	Hard neck Garlic	<p>Adult moths from the emerging overwintering population are no longer showing up in baited traps. We are well into the larval and pupal stages of the first new generation of the season.</p> <p>We're seeing a lot of larval feeding in hard neck garlic. This damage is primarily found in the center of the plant, in and around scapes. Leek moth larvae tend to prefer scapes, so that is a great place to focus your scouting.</p> <p>We are also seeing a significant number of pupae on leaves. With the predicted high temps, we imagine that the second flight is soon to begin. Perhaps in a week or so.</p>
Imported Cabbage Worm (Cabbage whites)	Brussels sprouts	<p>Adults moths have been flying for a couple of weeks now and are actively laying eggs. Larvae are feeding on leaves. A few pupae have been spotted.</p> <p>We are yet to see any cabbage looper or diamondback moth larvae.</p> <p>Also, our broccoli and kale are currently experiencing little noticeable damage from cabbage worms.</p>
Flea Beetle	Most brassicas: arugula, radishes, etc.	Adults are feeding on leaves and laying eggs at the base of plants

Spinach leaf miner	Spinach and Swiss Chard	Adult flies are actively laying eggs. Egg masses are being found in high numbers on spinach outside of row cover and insect netting. We are also seeing damage in leaves and some plants are experiencing significant damage.
Three-lined potato beetle	Tomatillos and husk/ground cherries	Adults are actively flying and laying eggs. Larvae are feeding in high tunnels and warmer low-lying areas.
Aphids	Tomatoes and Currants	We're seeing small numbers of aphids in high-tunnel tomatoes and high pressure in currants. We've also spotted quite a few aphids on lingering cover crops and weeds.

Scouting Report for 5/29/21

With the dry and recently colder temperatures in the Champlain Valley, there hasn't been a lot of new activity this upcoming week. Many of the crops at the farm are currently under row cover and that is significantly reducing the insect pest pressure on many crops. Major diseases are yet to be found on the farm.

You can find specific notes on current pest and disease activity detailed in the table below.

Pest/Disease	Crop Found	Scouting Info
Colorado Potato Beetle	Eggplant	Adults from the emerging overwintering population are currently feeding and laying eggs. No sign of larvae...yet.
Leek Moth	N/A	Adult moths from the emerging overwintering population are no longer showing up in baited traps. Eggs are likely developing on alliums, however, we are yet to see any larvae or feeding damage in any alliums.
Imported Cabbage Worm (Cabbage whites)	Brussels sprouts	Adults moths have been flying for a couple of weeks now and are actively laying eggs. Larvae are feeding on leaves
Flea Beetle	Most brassicas: arugula, radishes, etc.	Adults are feeding on leaves and laying eggs at the base of plants

Spinach leaf miner	Spinach and Swiss Chard	Adult flies are actively laying eggs. Egg masses are being found in high numbers on spinach outside of row cover and insect netting.
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Scouting Report 5/21/21

It has been a couple of weeks since we last shared anything, mostly because the fields at the [UVM Horticulture Research and Education Center](#) seem to be growing nothing but row cover and insect netting, but if you take a peek under those I promise you will find crops, and pests. We are starting to see [flea beetles](#) on the brassicas, and the first [cabbage whites](#) are looking to lay eggs. I have yet to experience the catharsis of squishing my first [Colorado potato beetle](#) of this season, but I have heard of others in Burlington who have, so be on the lookout for the first generation beetles on the hunt for host plants.



Scouting Report 4/30/21

Thanks to all of you that participated in our recent survey to identify the most “important” pest and diseases for our 2021 Insect Pest and Disease Scouting Program. The complete results of the survey are provided in the attached graphs. We will be actively scouting and monitoring for seven diseases and insect pests throughout the season. We will also report on other diseases and pests as we encounter them, especially those exhibiting outbreaks or potentially new to the area. The weekly results of our monitoring will be posted to the VVBGA listserv for your convenience.

Top 7 Insect pests:

1. Spotted wing drosophila
2. Flea beetle

3. Cucumber beetle
4. Potato leafhopper
5. Leek moth
6. Colorado potato beetle
7. Cabbage worms (imported, diamondback, looper)

Top 7 Diseases:

1. Cucurbit powdery mildew
2. Cucurbit downy mildew
3. Late blight
4. Bacterial wilt of cucurbits
5. Tomato septoria leaf spot
6. Tomato alternaria/early blight
7. Basil downy mildew