



## August 2019 Diagnostic Summary

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September 10, 2019

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### News

We enjoyed presenting at the UConn Extension IPM Program's Vegetable IPM Field Workshop. The field day focused on common insect pests on brassica crops, plants to increase pollinator and beneficial insects, biodegradable plastic mulches, and plant diagnostic updates from the growing season.



Photos by S. Ghimire and A. Beissinger

### Frequent Reports

Anthracnose, apple scab, Alternaria diseases, bacterial and fungal leaf spot diseases, broad mites, fall webworms, powdery mildew, squash bugs, and tussock moth caterpillars.

### Reports by Location

UConn Plant Diagnostic Lab/ Home & Garden Education Center

#### Arthropods on plants

Arborvitae leafminer on arborvitae	Orange striped oakworm on oak
Bagworm on arborvitae	Pepper maggot on pepper
Boxwood psyllid on boxwood	Plum curculio on peach
Broad mite on pepper (2)	Spider mites on bean, french hydrangea, and climbing hydrangea (3)
Dogwood sawfly on dogwood	Squash bug on squash (2)
Fall Webworm on hops (2)	Tomato fruit worm on tomato
Hermit sphinx ( <i>Lintneria eremitus</i> ) on basil	Tree hopper on sunflower
Oak apple wasp ( <i>Cynips clivorum</i> ) gall on oak	Walnut lace bug on butternut tree



Dogwood sawfly (left; photo by L. Levine); Crazy snake worm (right; photo by J. Caplan).

**Arthropods (other)**

Asian lady beetle	Multicolored Asian Lady Beetle
Asiatic Garden Beetle	Picture-winged fly
Bark Lice	Praying mantis
Bedbug	Predatory stink bug
Bottleflies	<i>Prionus</i> sp.
Carpenter ant	Spent cocoon, lepidopteran
Crazy snake worm	Termites
Digger wasp	Tick ( <i>Ixodidae</i> sp.)

**Plant diseases**

Alternaria blight on fall anemone and magnolia	Common scab ( <i>Streptomyces</i> sp.) On potato
Anthracnose on hosta (suspected) and maple	Early blight on potato
Apple scab on apple (2)	Foliar nematodes ( <i>Aphelenchoides</i> sp.) on fall anemone
Ascochyta blight on japanese tree lilac	Fusarium crown rot on pepper (suspected)
Boxwood blight on boxwood	Glomerella leaf spot on crabapple
Boxwood dieback ( <i>Colletotrichum</i> sp.) On boxwood	Macrophoma leaf spot on boxwood
Cercospora leaf spot on hydrangea	Powdery mildew on dogwood (2), and kabocha squash
Cladosporium leaf spot on <i>Rhus aromatia</i>	Volutella blight on boxwood



Early blight (*Alternaria* sp.) on potato (left; photo by S. Ghimire); Foliar nematodes (*Aphelenchoides* sp.) on fall anemone (right; photo by A. Beissinger).

## Plant/mushroom ID

American chestnut	Poison icy
Amur maacki	Sago Palm
Ghost pipes	Stinkhorn mushroom
Leatherleaf viburnum	Three seeded mercury
Lindera benzoin	Upright Wild Ginger
<i>Lingustrum</i> sp.	Yellow nutsedge
<i>Poa trivialis</i>	ZZ Plant

## Cultural

Black flagging on arborvitae due to chemical injury
Herbicide injury on <i>Picea omorika</i> (suspected)
Nutrient deficiency on rhododendron (3)
Physiological leaf scorch on hornbeam and zelkova (suspected)



Black flagging on arborvitae from chemical injury.  
Photo by A. Beissinger

## Fairfield County (Submitted by Thomas MacGregor)

### Arthropods on plants

<i>Aculus schlechtendali</i> on apple	Squash bug on squash
Elongate hemlock scale on hemlock	Tussock moth caterpillar on trees (2)
Fall webworm on cherry, kousa dogwood, and rose of sharon	Two-spotted mite on black walnut
Lace bugs on azalea	White pine weevil on blue spruce
<i>Sphaerocerid</i> flies on tomato	

### Arthropods (other)

Brown Prionid beetle	Metallic wood boring beetle
Cabbage worm (2)	Monarch caterpillar
Camel cricket	<i>Sphex speciosus</i> (2)
<i>Chrysochus auratus</i>	Orb weaver spider
Cicadas	Striped garden caterpillar
Flour beetles (2)	Tent caterpillars (2)

## Plant diseases

Alternaria leaf spot on cucumber (3)	Downy mildew on impatiens and <i>Rudbeckia</i>
Anthracnose on red maple	Fig rust on fig
Ascochyta blight on lilac	Needle cast on Alberta spruce
Bacterial blight on pole beans	Powdery mildew of <i>Tiarella</i>
Black knot on flowering plum tree and sand cherry	Rose rosette disease on rose
Black spot ( <i>Diplocarpon rosae</i> ) on rose	Shot hole fungus on cherry
Botrytis blight on rose	Tuber rot ( <i>Fusarium</i> sp.) on Dahlia
Boxwood blight (suspected)	Verticillium wilt of red maple (2)
Brown rot of peach	Volutella blight on Boxwood (2)
Cedar-Apple rust (2)	

### Plant ID

<i>Artemisia vulgaris</i>
Azalea
<i>Calycanthus floridus</i>
<i>Commelina communis</i>
<i>Conyza canadensis</i>
<i>Cyperus esculentus</i>
<i>Ficus benjamina</i>
<i>Humulus japonicus</i>
<i>Microstegium vimineum</i>
<b>Cultural</b>
Spruce Dieback



Asiatic Dayflower. Photo by Missouri Plants.

## Hartford County

No report.

## Litchfield County (submitted by Michelle Winkler)

### Arthropods on plants

Squash vine borer on squash
Yellow-necked caterpillar on blueberry

### Arthropods (others)

Crazy snake worms (2)
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### Plant Disease

Fabrella needle blight on hemlock
Rose rosette disease on rose (suspected)
<b>Plant ID</b>
Black locust ( <i>Robinia pseudoacacia</i> )
Sensitive plant ( <i>Mimosa pudica</i> )
Multiflora rose ( <i>Rosa Multiflora</i> )
Japanese stiltgrass ( <i>Microstegium viminium</i> )
<b>Cultural</b>
Blossom end rot on tomato
Sun scald or frost damage on Japanese maple
Drought stree on apple tree



Blossom end rot on tomato. Photo by B. Haskell.

## Middlesex County (Submitted by Gail Reynolds)

Arthropods on plants	Arthropods (other)
Aphids on flowering dogwood	<i>Apalodes torrefacta</i> caterpillar
Hibiscus sawfly on hibiscus	Asiatic garden beetle
Milkweed tussock moth caterpillar on milkweed (2)	Bat bug
Parasitized tomato hornworm caterpillar on tomato	Cecropia moth caterpillar
Primrose moth on common evening-primrose	Cicada killer (2)
Spider mites on Alaskan weeping cedar	Saddleback caterpillar (2)
Squash bugs on squash	Sugar ants

Plant diseases	
Anthracnose on flowering dogwood	Fusarium wilt on basil
Bacterial leaf spot ( <i>Xanthomonas</i> sp.) on pepper (suspected)	Juniper tip blight
Birch bark disease on birch	Powdery mildew on peony
Boxwood blight on boxwood	Rhizospora needlecast of spruce
Crown canker on flowering dogwood (suspected)	Tip blight on Alaskan weeping cedar
Fungal leaf spot on Rudbeckia	Volutella blight on boxwood

Plant ID
Asiatic dayflower ( <i>Commelina communis</i> )
Autumn olive ( <i>Elaeagnus umbellata</i> ) (2)
Common chickweed ( <i>Stellaria media</i> )
Common ground-nut ( <i>Apios Americana</i> )
Dodder ( <i>Cuscuta</i> sp.)
Field bindweed ( <i>Convolvulus arvensis</i> )
Hairy bittercress ( <i>Cardamine hirsuta</i> )
Hayscented fern ( <i>Dennstaedtia punctilobula</i> )
Japanese knotweed ( <i>Fallopia japonica</i> )
Japanese stiltgrass ( <i>Microstegium vimineum</i> )
Pennsylvania smartweed ( <i>Polygonum pennsylvanicum</i> )
Queen of the prairie ( <i>Filipendula rubra</i> )
Smooth groundcherry ( <i>Physalis longifolia</i> )
Spindle tree ( <i>Euonymus europaea</i> )
Trumpet creeper ( <i>Campsis radicans</i> ) (2)
Virginia copperleaf ( <i>Acalypha virginica</i> )

Cultural
Overripe cucumber
Overwatering of andromeda, magnolia
Sapsucker ( <i>Sphyrapicus spp.</i> ) damage on pine



Primrose moth on common evening-primrose (top; photo by G. Reynolds). Milkweed tussock moth caterpillar on milkweed (bottom; photo by M.Dickey).

## Windham County (Submitted by John Lorusso)

Arthropods on plants	Plant diseases
Walnut lace bug on butternut tree	Tobacco Mosaic virus on tomato (suspected)
Orange striped oakworm on <i>white oak</i>	Fusarium wilt on tomato (suspected)
Clavate tortoise beetle on tomato	Powdery mildew on phlox
European corn borer on Dahlia	

Plant ID	Cultural
<i>Fragaria virginiana</i>	Nutrient deficiency on petunia
<i>Lobelia cardinalis</i>	Yellow-bellied sapsucker damage to apple tree
<i>Juglans cinerea</i>	



European corn borer damage on dahlia (left; photo by R. Gervais); Sapsucker damage on apple tree (right; photo by F. Lowe).

## Bartlett Arboretum, Stamford (submitted by Pat Carroll)

Arthropods on plants	Arthropods (others)
Dogwood sawfly on gray dogwood	Coneflower Rosette Eriophyid mite
Harlequin bug instar on Cleome	Mottled Tortoise Beetle
Hickory aphid gall on hickory	
Tomato hornworm on tomato	
Squash bug on squash	
Dogwood sawfly on gray dogwood	



Dog vomit slime mold, photo courtesy of P. Carroll

Plant diseases	Plant ID
Anthracnose on red twig dogwood	Beautyberry ( <i>Calliparpa americana</i> )
Cercospora leaf spot on kousa dogwood	Boston Ivy Parthenocissus ( <i>tricuspidata</i> )
Dog vomit slime mold	<i>Epilobium</i> sp.
Phomopsis stem gall on forsythia (suspected)	Indian Tobacco ( <i>Lobelia inflata</i> )
Verticillium wilt on Rhus aromatica	Japanese Stiltgrass
<b>Cultural</b>	<i>Lobelia siphilitica</i>
Blossom end rot on tomato	Stiff-leaved Goldenrod ( <i>Oligoneuron rigidum</i> )
Sun scald or frost damage on Japanese maple	<i>Symplocos paniculata</i>
Drought stree on apple tree	

## New Haven County

No report.

## New London County

No report.

## Tolland County

No report.