



July 2020 Diagnostic Summary

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News

- Connecticut residents are asked to report receipt of any unsolicited packages of seeds received from China to the state's plant regulatory officials, Dr. Kirby Stafford (Kirby.stafford@ct.gov) and Dr. Victoria Smith (Victoria.smith@ct.gov). Please keep the seeds and packaging, including the mailing label, until you are contacted with further instructions. For the press release, visit: <https://rb.gy/hrnxft>.
- In August, leadership of the UConn Plant Diagnostic Lab will be shifting to Dawn Pettinelli, Manager and Matt Debacco, Interim Diagnostician. For any questions, please contact: plantdiagnosticlab@uconn.edu.



Frequent Reports

Bacterial leaf spot, cedar apple rust, chemical injuries, Colorado potato beetles, insect galls, Phytophthora root rot, powdery mildew, scale insects, and sun scald.

Reports by Location

UConn Plant Diagnostic Lab/ Home & Garden Education Center

Arthropods on plants

Arborvitae leaf miner on arborvitae	European corn borer on corn
Azalea bark scale on rhododendron	False potato beetle on ornamental sp.
Blueberry winter moth caterpillar on blueberry	Four lined plant bug on mint
<i>Cerastipsocus venosus</i> on magnolia	Oak skeletonizer on oak
Cherry scale on weeping cherry (2)	Rudebeckia psyllid on rudbeckia
Cicada on asparagus	Scale (sp. unknown) on euonymous
Colorado potato beetle (susp.) on potato	Squash beetle on squash
Cottony camellia scale on holly	Squash vine borer on pumpkin
Cottony taxus scale on yew	Tobacco hornworm on pepper
Cross striped cabbageworm on cabbage	Western flower thrips on pepper
Eriophyid mite on caryopteris	Zelus assassin bug on cucumber
Euonymous scale on pachysandra	



Arborvitae leaf miner (left; photo by A. Beissinger); Symptoms of Botryosphaeria canker on blueberry twigs. Malformed foliage likely due to herbicide injury (right; photo by A. Beissinger).

Arthropods (other)

<i>Anatis mali</i>	Japanese beetle
Apatelodes moth	Long legged fly
Broad neck root borer	<i>Microtechnites bractatus</i>
Cicada	Orange dog caterpillar
Cicada killer wasp	Oriental beetle
Common pug (<i>Eupithecia miserulata</i>)	Pennsylvania wood roach
Eupithecia moth caterpillar	Plant hopper
Eyed click beetle	Polyphemus moth
Fall webworm	Prionid beetle
Flatid plant hopper	<i>Stenelytrana emarginata</i>
Great digger wasp (2)	Tree hopper (<i>Entylia carinata</i>)
Ground beetle	

Plant diseases

Angular leaf spot on winter squash	Boxwood blight on boxwood (susp.)
Anthracnose on Japanese maple, maple, and privet	<i>Cucumber mosaic virus</i> on Korean spice viburnum
Apple scab on apple	Phloeospora leaf spot on mulberry
Armillaria root rot on juniper (susp.)	Phomopsis tip blight on juniper
Ascomycota sp. on <i>Philodendron verrucosum</i>	Phytophthora root rot on rhododendron
Bacterial leafspot on begonia, epiphyllum (2), sweet pepper	Powdery mildew on cucumber, phlox, and zucchini
Bacterial wilt on tomato (2)	Pythium root rot on hemp
Black root rot (<i>Thielaviopsis</i> sp.) on holly	Septoria leaf spot on tomato (2)
Black rot on concord grape	Sudden needle drop on blue spruce
Black spot on rose	Taphrina leaf curl on European hornbeam
Botryosphaeria canker on blueberry (2)	White rot on garlic
Botrytis blight on Chinese peony	



Sclerotia on garlic caused by *Sclerotium cepivorum* (left) and rat tail caused by *Pythium* sp. on hemp.
Photos by A. Beissinger

Plant/mushroom ID

Carpet weed	Pigweed
Elderberry (<i>Sambucus canadensis</i>)	Privet
Foxglove	Quaking aspen seedling
Full moon maple (<i>Acer japonicum</i>)	Spotted knapweed
Ink cap mushroom	Tartarian honeysuckle
Japanese knotweed (2)	Water hemlock
Lichen	Wineberry
Mile-a-minute weed	Yellow bamboo
Mullein	<i>Yucca filamentosa</i>

Cultural

Chemical injury on blue spruce, hornbeam, and <i>Pinus parviflora</i>
Overwatering on dahlia (2)
Fasciation on rudbeckia
Sunscauld on eggplant



Cucumber mosaic virus on Korean spice viburnum. Photo by A. Beissinger

Litchfield County (submitted by Michelle Winkler)

Arthropods on plants

Aphids on hibiscus	Leaf roller caterpillar on winterberry
Cabbage worm on kale	Midge galls (<i>Resseliella liriodendra</i>) on tulip tree
Clearwing hummingbird moth (<i>Hemaris thysbe</i>)	Oak wasp gall on oak
Colorado potato beetle on eqqplant and squash	Pine sawfly on Mugo pine
Fall Webworm Moth (<i>Hyphantria cunea</i>) on blueberry	Rose sawfly on rose
Green stinkbug (5th instar) on pea	Small milkweed bug on butterflyweed
Hemlock Woolly Adelgid (2)	Squash bugs on squash
Insect galls on alder and rudbeckia (spp. unknown)	Tobacco hornworm on tomato
Lacebug on New England Aster	Wool sower gall on oak
Lady beetle larva on hibiscus	

Arthropods (Others)

Broad-necked root borer
Four lined plant bug
Parasitic wasps on hornworm

Plant Disease

Blight (sp. unknown) on pachysandra
Black spot on rose
Cedar apple rust on crabapple
Downy leaf spot on hickory
Leaf blotch on peony
Peach leaf curl on peach
Powdery mildew on lilac
Sooty mold on holly

Plant ID

<i>Campanula trachelium</i>
Common pokeweed
Dappled willow
Queen Anne's Lace
Thistle
Tulip tree

Cultural

Blossom end rot on squash
Inconsistent watering on peppers
Nutrient deficiency on parsley
Phosphorous deficiency on tomato
Witches broom on lilac



Parasitized Tomato Hornworm. Photo by G. Apple.



Green stink bug. Photo by M. Winkler.

Middlesex County; report for June and July (Submitted by Gail Reynolds)

Arthropods on plants

<i>Caulocampus acericaulis</i> on <i>Acer rubrum</i> (2)	<i>Myzinum quinquecintum</i>
Columbine leaf miner	Oleander aphids on milkweed
Flea beetles on turnip	Slug damage on sunflower
Four-lined plant bug on caryopteris	Slugs on basil
Gall on blueberry	Spider mites on Alberta spruce(2)
Grape gall midge on grape	Spotted grapevine beetle on grape
Grape phylloxera on grape	Squash beetle larvae on squash
Iris borers on bearded iris	Sunflower aphids on heliopsis
Leaf miner maggots on swiss chard	Tortoise beetle on eggplant
<i>Lilioceris lillii</i> on <i>Lillium</i> sp. (2)	Viburnum leaf beetle on <i>Viburnum cassinoides</i>
Maple leaf galls on <i>Acer</i> sp.	Witch hat galls on <i>Hammamelis virginiana</i>

Arthropods (other)

<i>Catocola ilia</i>	Great speckled fritillary
Black swallowtail pupa	Luna moth (2)
Braconid wasps on tomato hornworm	<i>Monobia quadridens</i>
Cecropia moth	Porcelain gray moth
<i>Cnaemidophorus rhododactyla</i>	<i>Rhyssomatus lineaticollis</i>
Dog day cicada	Robber fly
Eastern eyed click beetle	<i>Trypoxylon politum</i>
<i>Eudryas grata</i>	Tulip tree beauty moth
Giant leopard moth	Tulip tree silk moth
Grape plume moth	White slant line moth

Plant diseases

Aster yellows on aster
Azalea gall on rhododendron (2)
Beech bark disease on <i>Fagus grandifolia</i>
Black rot on grape
Cedar apple rust on crabapple (3)
Dutch elm disease on <i>Ulmus americana</i>
Fungal leaf spot on tomato
Leaf spot on rhododendron
Phomopsis blight on cryptomeria (susp.)
Phytophthora root rot on taxus (susp.)
Rose rosette disease on <i>Rosa</i> sp. (susp.)
Virus on peony (susp., sp. unknown)

Cultural issues

Azalea failure to thrive
Inadequate watering of Rudbeckia
Nutrient deficiencies in hydroponic plants
Sunburn on variegated Kousa dogwood



Catocola ilia. Photo by L. Cowan

Plant ID

<i>Abutilon theophrasti</i>	<i>Impatiens capensis</i>
<i>Akebia</i> sp.	<i>Lysimachia quadrifolia</i>
<i>Alianthus altissima</i>	Magnolia tripetala
<i>Alsobia</i> sp.	<i>Maianthemum canadense</i>
<i>Amorpha fruticosa</i>	<i>Monotropa uniflora</i>
<i>Aphyllon uniflorum</i>	<i>Morus alba</i>
<i>Artemesia vulgaris</i>	Oriental bittersweet
Berberis thunbergii	<i>Penstemon digitalis</i>
Black elderberry	<i>Phragmites australis</i>
<i>Celastrus orbiculatus</i>	Plananthera grandiflora
<i>Chimaphila maculata</i> (2)	Porcelain berry
<i>Coreopsis verticillata</i>	<i>Pyrola</i> sp.
Dodder (2)	<i>Rhus typhina</i>
<i>Eleocharis</i> sp.	<i>Solanum carolinense</i>
<i>Euonymus alatus</i>	<i>Triodanis perfoliata</i>
<i>Euphorbia cyparissias</i>	<i>Veronica</i> sp.
<i>Festuca filiformis</i>	<i>Vitis</i> sp.
Gooseneck loosestrife	Yellow columbine
<i>Helianthus tuberosus</i>	



Oriental bittersweet (left) Photo by Leslie J. Mehrhoff, University of Connecticut, Bugwood.org.
Gooseneck loosestrife(right) Photo by J. Ruter, University of Georgia, Bugwood.org

Bartlett Arboretum (Submitted by Pat Carroll and Caroline Moran)

Arthropods on plants	Cultural issues
Citrus flatid planthopper on forsythia and other spp.	Deer damage on beebalm
Cross-striped cabbageworm on kale	Rabbit damage on beebalm
Hornworm on tomato	Sun scorch on begonia, spruce, and <i>Viola odorata</i>
Japanese beetle on basil and tomato	Underwatering on andromeda
Leaf miners on aster	Woodpecker damage on birch
Woolly aphid on tomato	
<i>Condylostulus</i> sp.	

Plant ID	Plant diseases
<i>Clethra alnifolia</i>	Cercospora leaf spot on beet
Common comfrey	Early blight on tomato
Eastern skunk cabbage	Phytophthora root rot on rhododendron (susp.)
Enchanter's nightshade	Sepetoria leaf spot on rudbeckia and tomato (2)
<i>Lindera benzoin</i>	
Sassafras	
Tupelo	
Wild grape vine (<i>Vitis</i> sp.)	
Wineberry (<i>Rubus phoenicolasius</i>)	



Cercospora leaf spot on Beet. Photo by W. Hoak.



Woodpecker damage on Birch. Photo by K. Leeds.

New Haven County

No report.

New London County

No report.

Tolland County

No report.

Hartford County

No report.

Windham county

No report.