



June 2019 Diagnostic Summary

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News

- Abby Beissinger began as UConn's new Plant Diagnostician on May 28th. To learn more about Abby, visit this UConn Extension blog: <http://bit.ly/AbbyBeissinger>.
- Updates to the Sample Submission Forms are now up on the Plant Diagnostic Lab website at <http://plant.lab.uconn.edu>. Please re-download and include the new form(s) when sending samples to the lab.

Frequent Reports

Anthracnose diseases, Botrytis blight, bacterial leaf spot, four-lined plant bugs, fungal leaf spot diseases, oak shothole leaf miner, pine sawyers, Phytophthora root and crown rot, and sawflies.

Reports by Location

UConn Plant Diagnostic Lab/ Home & Garden Education Center

Arthropods on plants

Black margined loosestrife beetle on loosestrife	Gypsy moth on white oak
Cottony Camellia Scale on holly	Hydrangea leaf tier on hydrangea
Cucumber beetle	Katydid eggs on apple
Dusky birch sawfly on river birch	Lecanium scale on blueberry
Elderberry sawfly	Pear psylla on pear
Erineum patches on river birch	<i>Rhyssematus</i> sp. on <i>Buddleia</i>
Eriophyid mite on oak	Squash beetle on squash
Fall Webworm on apple (2)	Stem borer on blueberry
Four-lined plant bug on Japanese Anemone	Thrips on American spice bush
Four-lined plant bug on Goose-necked loosestrife	Tomato fruitworm on tomato
Fungus gnats on <i>Acer</i> , <i>Coreopsis</i> , and <i>Stachys</i>	Woolly beech aphid on beech



Pear psylla on pear. Photo by
A. Beissinger

Arthropods (other)

American Dagger Moth	Pine Sawyer
Argentine Ant	Sawfly
Brown marmorated stink Bug	Springtails
Carpet beetles	Twice stabbed stink bug
Clover mites	Virginia creeper sphinx moth
Colorado potato beetle	Brown marmorated stink Bug
Four-lined plant bug	Colorado potato beetle
Grasshopper nymph	Four-lined plant bug
Mealybugs	grasshopper nymph
Morning Cloak Caterpillar	

Plant diseases

Alternaria leaf blight on watermelon	Gray blight (<i>Pestalotiopsis</i> sp.) on rhododendron
Apple scab on apple	Gray mold on tomato
<i>Ascochyta</i> sp. on peony	Leaf mold (<i>Passalora fulva</i>) on tomato
Azalea gall on rhododendron and azalea	Orange rust on black raspberry
Bacterial leaf spot on pepper	Phomopsis canker on blueberry
Black Knot on plum	Phyllosticta leaf spot on Japanese maple
Botrytis blight on peony and tomato (2)	Phytophthora root rot on apple and juniper
Boxwood blight	<i>Potyvirus</i> sp. On garlic
Cherry leaf spot	Stigmata needle cast on white pine
<i>Cucumber mosaic virus</i> on tomato	<i>Tobacco mosaic virus</i> on tomato
Downy Mildew on grape	<i>Tobacco rattle virus</i> on peony (suspected)
Early blight on tomato	<i>Tomato spotted wilt virus</i> on tomato
Fungal leaf spot on turf	<i>Volutella</i> blight (4) on boxwood
Garlic bloat nematode on garlic	



“Shepherd’s crook” caused by downy mildew (*Plasmopara viticola*) on grape (left); Bulging garlic head and one sided-root system caused by garlic bloat nematode (*Ditylenchus dipsaci*) (right).
Photos by A. Beissinger.

Plant ID

Black bamboo	Japanese honeysuckle
Blue star amsonia	Mock Strawberry (2)
Calibrachoa	Mugwort
Chinese chestnut	Perennial ryegrass
Daisy fleabane (2)	Pitcher plant
Daisy Fleabane	Plantain
<i>Deutzia</i> sp. (2)	Prickly lettuce
Dwarf bamboo	Purple loosestrife
<i>Forsythia</i> sp.	<i>Sulfur Conquefoil</i>
Hairy pagoda mint	<i>Tradescantia</i>
Hog peanut	Winter creeper
<i>Ilex verticillata</i>	Wood sorrel

Cultural

Cultural Problems
Abiotic stress on several
Algae on pothos
Fertilizer burn
Herbicide damage on lilac and peony
Nutrient deficiency on vinca and collard (suspected)
Calcium deficiency on grape (suspected)
Transplant injury of <i>Ilex crenata</i>
Winter injury on several

Fairfield County (Submitted by Thomas MacGregor)

Arthropods on plants

Arborvitae leaf miner (2)	Midge gall on grape
Azalea leaf gall (2)	Mites on <i>Chamaecyparis</i> sp.
Cottony camellia scale on hydrangea	<i>Monochamus carolinensis</i> on pine, maple
Emerald Ash Borer on Ash (reported)	Oak shothole leaf miner on oak (4)
<i>Eurytetranychus buxi</i> on Boxwood (2)	Scale on coffee houseplant
Fall webworm on blueberry	Spindle gall on sugar maple
Gypsy moth caterpillar	Gall adelgid on spruce
Holly scale	Tent caterpillar on climbing hydrangea
Lace bug on <i>Pieris japonica</i>	Web worms on apple
Lily leaf beetles	



Oak shothole leaf miner damage. Photo by T. MacGregor

Arthropods (other)

Ants (2)	Mealy bugs
<i>Dolomedes tenebrosus</i> (3)	Silver fish
Fungus gnats	White centipedes
Gnats	Wood cockroach

Plant diseases

Black knot on peony and plum	Phyllosticta leaf spot on red maple
Blueberry anthracnose	Phytophthora root rot on cherry (suspected)
Botryosphaeria canker on <i>Viburnum</i> sp.	Red thread in turf
Brown rot on Nectarine	<i>Sclerotinia</i> sp. on tomato and sunflower
Cherry leaf spot on cherry	Septoria leaf spot on tomato
Crab apple rust	Shot hole disease on cherry (2)
Powdery mildew on dogwood	<i>Taphrina deformans</i> on dwarf peach trees
Guignardia leaf blotch on horse chestnut	Tar spot on maple
Black rot on grape	Volutella blight on boxwood
<i>Hosta virus X (HVX)</i>	White fungus on ninebark
Juniper tip blight on juniper	<i>Xanthomonas campestris</i> on peppers (suspected)
Needle blight on Austrian black pine	Dogwood anthracnose (2)

Plant ID	Cultural
<i>Chionanthus virginicus</i>	Bark slitting on cherry
<i>Convolvulus arvensis</i>	Blossom end rot of tomato
<i>Erechtites hieraciifolius</i>	Lichen on pin oak
<i>Malva neglecta</i>	Nutrient deficiency for peas.
<i>Oenothera macrocarpa</i>	Pruning 25 year old <i>Ficus</i> sp. tree
Pachysandra	Removal of poisonous water hemlock
<i>Polygonum cuspidatum</i> (2)	Voles
Sedum	
<i>Spiraea virginiana</i>	
<i>Veronica arvensis</i>	

Hartford County

No report.

Litchfield County (submitted by Michelle Winkler)

Arthropods on plants	Plant diseases
Asparagus beetle	Azalea gall on rhododendron
Aphids on grapes	Black knot on plum
<i>Galerucella pucilla</i> on purple loosetrife	Fungal disease cedar
	Fungal leaf streak on daylily
	Fungal disease on Fuji apple



Gall on rhododendron.
Photo by M. Winkler.

Plant ID	Cultural Problems
Ajuga	<i>Ilex glabra</i> with yellowing leaves due to wetness
<i>Filependula rubra</i>	Ornamental plum trees in poor health
Kentucky bluegrass	Peach tree decline due to old age (suspected)
	Winter damage on yew

Middlesex County (Submitted by Gail Reynolds)

Arthropods on plants

Azalea gall on rhododendron	Leaf-rolling weevil on oak
Clavate tortoise beetle on solanaceous plants (2)	Sawfly larvae on alder
Eastern comma butterfly caterpillar on hops	Viburnum leaf beetle on viburnum
Emerald ash borer blanding ash tree	White oak borer larvae in felled white oak
Fall webworm on blueberry	Whiteflies on azalea and boxwood
Lacebug on <i>Pieris japonica</i>	

Arthropods (other)

Carpenter ant	Owlet moth caterpillar
Eastern-eyed click beetle	Pigeon tremex horntail wasp
June beetle	Pine sawyer (3)
Oak leaf roller caterpillar	Rosy maple moth



Sawfly larvae on alder.
Photo by Photo by G. Reynolds.

Plant diseases

Brown rot on cherry	Pythophthora blight on peony (suspected)
Diplodia tip blight on red pine	Red thread on turf grass
Honeysuckle leaf blight	Rhododendron petal blight
Leaf spot on cherry	Sooty mold on sugar maple
<i>Lophodermium seditosum</i> on <i>Pinus sylvestris</i>	Verticillium wilt of maple (suspected)

Plant ID	Cultural
Asiatic dayflower (<i>Commelina communis</i>)	Cherokee rose planted in too cool climate
Bluebead lily (<i>Claytonia borealis</i>)	Delphinium failure to thrive
Bristly rose acacia (<i>Robinia hispida</i>)	Herbicide injury on Hydrangea
Common ragwort (<i>Senecio vulgaris</i>)	Dogwood damaged by heavy equipment
Common speedwell (<i>Veronica officianalis</i>)	Root girdling of Japanese cherry
Cow parsnip (<i>Heracleum maximum</i>)	Woody thyme in excessive wet conditions
Crimson weigela (<i>Weigela floribunda</i>)	
Eastern woodland sedge (<i>Carex blanda</i>)	
Fleabane (<i>Erigeron sp.</i>)	
Hedge bindweed (<i>Calystegia sepium</i>)	
Horseweed (<i>Erigeron canadensis</i>)	
Jade vine (<i>Strongylodon macrobotrys</i>)	
Japanese zelkova (<i>Zelkova serrata</i>)	
Privent (<i>Ligustrum spp.</i>)	
Quackgrass (<i>Elymus repens</i>)	
Queen of the prairie (<i>Filipendula rubra</i>)	
Rattlesnake hawkweed (<i>Hieracium venosum</i>)	
Solomons seal (<i>Polygonatum pubescens</i>)	
Tumble weed onion (<i>Allium schuberti</i>)	

New Haven County

No report.

New London County

No report.

Tolland County

No report.

Windham County (Submitted by John Lorusso)

Arthropods on plants	Arthropods (other)
Clavate tortoise beetle on eggplant	Gordian worm (suspected)
Hemlock wooly adelgid on hemlock hedge	Gypsy moth control measures
Japanese beetle in turf	Oriental beetle (suspected)
Three lined potato beetles on tomatillo	Spider mite on Buddleia (suspected)
	Squash bug and squash beetle control measures

Plant diseases	Plant ID
Anthracnose on <i>Lysimachia</i>	Horse nettle
Bacterial leaf spot on pepper	Feather flat moss
Black rot on grape	Pagoda Dogwood
Botrytis bligh on peony	

Cultural

Information on growing yellow split pea
Information on eliminating Oriental bittersweet

Bartlett Arboretum, Stamford

No report.