

Seasonal Appearance of Pests and Normal Time Frame to Apply Control Measures

The following information serves as a guide to help you know the approximate time when control measures can be implemented. Consult the text for more detailed instructions and information.

Dormant - Before Growth Starts

Host	Pest
Arborvitae	tip dwarf mite, Fletcher scale, spider mites
Ash	ash flower gall mite, scurvy scale, oystershell scale
Bittersweet	euonymus scale
Cotoneaster	San Jose scale
Douglas fir	Cooley spruce gall adelgid
Elm	European elm scale, Putnam scale, scurvy scale, San Jose scale
Euonymus	euonymus scale, winged euonymus scale
Fir	pine needle scale
Flowering fruit trees	mites, San Jose scale, scurvy scale, terrapin scale, aphids
Hackberry	Putnam scale
Hawthorn	terrapin scale, European red mite
Hemlock	Hemlock scale, pine needle scale, Fiorinia scale
Juniper	Juniper scale, tip dwarf mite, spider mites
Lilac	oystershell scale
Linden	cottony maple scale
Maple	terrapin scale, cottony maple scale, Putnam scale, oystershell scale, scurvy scale, lecanium scale
Oak	golden oak scale, kermes scales, obscure oak scale, lecanium scale
Pine	pine bark adelgid, pine needle scale
Poplar	oystershell scale
Spruce	spruce spider mite, spruce gall adelgid
Sweet gum	sweet gum pit-making scale
Tulip tree	tulip tree scale
Willow	oystershell scale
Yew (Taxus)	Fletcher scale, mealybugs

After Growth Starts

April (early)		May (mid) cont'd	
Host	Pest	Host	Pest
Ash	ash flower gall mite	Hawthorn	woolly apple aphid, hawthorn leafminer
*Douglas-fir	Cooley spruce gall adelgid	Hemlock	spruce spider mite, hemlock scale, pine needle scale, fiorinia scale
Pine	Pales weevil, Northern pine weevil, Zimmerman pine moth	Juniper	juniper webworm
Spruce (Norway, red, black, white, Colorado)	eastern spruce gall adelgid, spruce spider mite, Cooley spruce gall adelgid, spruce needle miner	Maple	eriophyid mite, maple shoot moths, forest tent caterpillar
*Cooley spruce gall adelgid of Douglas-fir can be controlled from spring through fall when temperature is above 60° F.		Mountain ash	woolly aphid
		Oak	forest tent caterpillar
		Pine	gypsy moth
			sawflies, spotted pine aphid, Nantucket pine tip moth, Zimmerman pine moth, pine tube moth, pine needle scale
		Poplar	forest tent caterpillar
		Spruce	balsam twig aphid, spruce spider mite, woolly aphid, pine needle scale
		Sweetgum	forest tent caterpillar
		Wild cherry	eastern tent caterpillar
April (mid)		May (late)	
Flowering fruit trees	eastern tent caterpillar	Arborvitae	arborvitae leafminer, spruce spider mite
Honey locust	honey locust pod gall midge	Ash	Putnam scale, oystershell scale
Juniper	juniper webworm	Birch	bronze birch borer, oystershell scale
Pine	white pine weevil	Bittersweet	euonymus scale
	European pine shoot moth, Nantucket pine tip moth	Elm	flatheaded apple tree borer, white-marked tussock moth
Spruce	northern pine weevil, Pales weevil, white pine weevil, spruce spider mite, spruce needle miner, gall adelgids	Euonymus	euonymus scale
April (late)		Flowering fruit trees	flatheaded apple tree borer, Putnam scale
Boxwood	boxwood psyllid	Hawthorn	Putnam scale
Fir	balsam twig aphid		hawthorn leafminer, scurvy scale, oystershell scale
Douglas-fir	Cooley spruce gall adelgid	Hemlock	Fiorinia scale
Flowering fruit trees	eastern tent caterpillar	Hickory	hickory petiole gall adelgid
Inkberry	inkberry leafminer	Juniper	juniper scale
Maple	maple bladder gall mite	Lilac	oystershell scale, lilac borer
Pine	northern pine weevil, Pales weevil	Linden	scurvy scale
Spruce (Colorado)	eriophyid mite, spruce spider mite	Maple	oystershell scale, flatheaded apple tree borer, green-striped maple worm lace bugs
May (early)		Mountain ash	flatheaded apple tree borer, oak cleaning borer, golden oak scale, oak kermes scale, May/June beetles, orange-striped oak worm
Arborvitae	arborvitae leafminer	Oak	lace bugs
Ash	forest tent caterpillar	Pachysandra	euonymus scale, twospotted spider mite
Birch	forest tent caterpillar	Pieris	andromeda lace bug
Boxwood	boxwood leafminer, boxwood psyllid	Pine	spruce spider mite, eriophyid mite
Elm	woolly apple aphid	Rhododendron	azalea leafminer, rhododendron borer
Fir	balsam twig aphid	Serviceberry	hawthorn lace bug
Flowering fruit trees	eastern tent caterpillar, lesser peachtree borer	Shade trees	white-marked tussock moth, scurvy scale
Hackberry	hackberry nipple gall psyllid	Sycamore	sycamore lace bug
		Willow	scale
		Yew (Taxus)	mealybugs

Seasonal Appearance of Pests and Normal Time Frame to Apply Control Measures-(continued)-

June (early)		June (late) cont'd		August (early)	
Host	Pest				
Arborvitae	spruce spider mite, oystershell scale, lilac (=ash) borer, fall webworm, elm spanworm	Flowering fruit trees	San Jose scale, bagworms, peach tree borer	Hemlock	hemlock looper
Ash	oystershell scale, lilac (=ash) borer, fall webworm, elm spanworm	Hemlock	spruce spider mite, bagworms, black vine weevil	Honey locust	mimosa webworm
Azalea	lace bugs, rhododendron borer, azalea whitefly,	Hornbeam	bagworms	Juniper	juniper tip midge
Birch	bronze birch borer, oystershell scale	Ivy	Japanese beetle	Oak	oak skeletonizers
Bittersweet	euonymus scale	Juniper	bagworms, juniper scale	Tulip tree	tulip tree scale
Boxwood	boxwood leafminer, lecanium scale	Larch	bagworms	Yew (Taxus)	black vine weevil
Dogwood	dogwood borer	Linden	linden leaf beetles, Japanese beetle, bagworms		
Douglas-fir	bagworms	Maple	bagworms, lecanium scale		
Euonymus	euonymus scale, winged euonymus scale	Oak	bagworms		
Flowering fruit trees	terrapin scale, (peach, plum, apricot) oystershell scale	Pine	pine tortoise scale, bagworms		
Hawthorn		Rhododendron	black vine weevil		
Hemlock	spruce spider mite, elm spanworm	Shade trees	bagworms, leafhoppers		
Hickory	elm spanworm	Shrubs	Japanese beetle		
Honeysuckle	honeysuckle leafminer	Spruce	spruce spider mite, spruce needle miner		
Juniper	juniper tip dwarf mite, juniper scale, spruce spider mite	Walnut	walnut caterpillar		
Lilac	oystershell scale, lilac borer	Willow	bagworm		
Magnolia	yellow poplar weevil	Yew (Taxus)	Fletcher scale, black vine weevil		
Maple	oystershell scale, green-striped maple worm				
Mountain ash	European red mite, lace bugs				
Mountain laurel	azalea leafminer, lace bug				
Oak	golden oak scale, oak kermes scale, orange-striped oak worm, elm spanworm				
Pachysandra	oystershell scale, euonymus scale				
Pieris	andromeda lace bug				
Pin oak	May beetles				
Poplar	oystershell scale, euonymus scale				
Rhododendron	azalea whitefly, azalea leafminer, rhododendron borer				
Shade trees	terrapin scale, leafhoppers				
Spruce	spruce spider mite				
Tulip tree	yellow poplar weevil				
Yew (Taxus)	mealybugs				
Willow	oystershell scale				
June (mid)		July (early)		September (early)	
Arborvitae	bagworm, black vine weevil	Arborvitae	bagworms	Arborvitae	Fletcher scale
Ash	elm spanworm	Euonymus	bagworms	Locust	locust borer
Azalea	azalea bark scale, black vine weevil	Fir	bagworms	Magnolia	magnolia scale
Birch	bronze birch borer	Flowering fruit trees	flatheaded borer, San Jose scale, lesser peach tree borer (peach, plum, apricot), bagworms	Maple	cottony maple scale
Flowering fruit trees	flatheaded apple tree borer, woolly apple aphid	Hemlock	bagworms	Pine	pine root collar weevil
Hemlock	strawberry root weevil	Honey locust	bagworms	Sweet gum	sweet gum pit-making scale
Hickory	elm spanworm	Juniper	bagworms		
Juniper	juniper tip midge, juniper scale	Linden	bagworms		
Linden	webworms	Locust	locust leafminer		
Maple	flatheaded apple tree borer, lecanium scale	Maple	flatheaded borer, cottony maple scale, bagworms		
Oak	oak skeletonizers, May/June beetles, flatheaded apple tree borer, lecanium scale, elm spanworm	Mimosa	bagworms		
Pine	European pine shoot moth, Nantucket pine tip moth	Oak	flatheaded apple tree borer, bagworms		
Rhododendron	azalea bark scale, black vine weevil	Pine	bagworms, pine tortoise scale		
Spruce	spruce needle miner, spruce spider mite	Silver maple	cottony maple scale, bagworms		
Sweet gum	sweet gum pit-making scale	Spruce	spruce bud scale		
Sycamore	sycamore lace bug	Yew (Taxus)	black vine weevil		
Walnut	fall webworm		Fletcher scale		
Yew (Taxus)	black vine weevil				
June (late)		July (mid)		September (mid)	
Arborvitae	arborvitae leafminer, bagworms, black vine weevil, Fletcher scale	Arborvitae	Fletcher scale, bagworms	Juniper	juniper tip midge
Azalea	oystershell scale	Euonymus	euonymus scale, bagworms	Spruce	spruce gall adelgids
Bald-cypress	bagworms	Flowering fruit trees	San Jose scale, bagworms		
Birch	birch leafminer, bronze birch borer	Hemlock	hemlock scale, pine needle scale, bagworms		
Buckthorn	bagworms	Honey locust	mimosa webworm		
Cedars	bagworms	Linden	cottony maple scale, bagworms		
Cotoneaster	San Joes scale, black vine weevil	Oak	flatheaded apple tree borer, bagworms		
Fir	bagworms, black vine weevil	Pine	pine tube moth, pine webworm, bagworms		
June (late)		July (late)		September (late) (through October)	
Arborvitae		Barberry	barberry webworms	Juniper	juniper webworm
Azalea		Bittersweet	euonymus scale	Pine	Pales weevil (adults)
Bald-cypress		Euonymus	euonymus scale, winged euonymus scale		
Birch		Flowering fruit trees	San Jose scale		
Buckthorn		Honey locust	mimosa webworm		
Cedars		Maple	cottony maple scale		
Cotoneaster		Oak	kermes scale		
Fir		Pine	pine tortoise scale, Pales, northern pine and white pine weevil adults		
		Yew (Taxus)	black vine weevil, mealybugs, Fletcher scale		