



2023 High Priority Agricultural Invasive Species List

For more information including resources for identification, visit www.capitalregionprism.org

To report these species, visit www.nyimainvasives.org

Purpose: The Capital Region Partnership for Regional Invasive Species Management (CR-PRISM) created this list of species to identify invasive species which are the highest priority invasive species for monitoring, detection and response efforts within the Capital Region. This list also fulfills Objective 2.4: *Anticipate new introductions and reassess current species of concern through event horizon scanning* within “Goal 2: Prevent” in the [CR-PRISM 2023-2027 Five-Year Strategic Plan](#). This list will be shared with the Partnership to incorporate into their education and outreach, monitoring, detection, and response efforts.

These species were selected by reviewing the [NYNHP Statewide Tier List](#) and asking experts and partners what species they have found to be a high priority or high threat to the Capital Region.

Species Not Yet Detected in New York:

Common Name	Scientific Name	Growth Form	Ecological Threat	Socio-economic Threat	Part 575 Regulatory Status	CR-PRISM Tier
Sudden Oak Death	<i>Phytophthora ramorum</i>	Fungus	M	High Negative	Prohibited	Untiered
Africanized honeybee	<i>Apis mellifera scutellata</i> <i>x A. m. ligustica, A.m. iberiensis</i>	Insect	NA	Not Assessed	Prohibited	Untiered
Oak Ambrosia Beetle	<i>Platypus quercivorus</i>	Insect	NA	Not Assessed		Untiered
Oak Processionary Moth	<i>Thaumetopoea processionea</i>	Insect	NA	Not Assessed		Untiered
Old World Bollworm	<i>Helicoverpa armigera</i>	Insect	NA	Not Assessed		Untiered
Pine Beauty Moth	<i>Panolis flammea</i>	Insect	NA	Not Assessed		Untiered
Boxwood Blight	<i>Calonectria pseudonaviculata</i>	Fungus	NA	Not Assessed		Untiered
Groundnut Bud Necrosis	<i>Tospovirus Groundnut bud necrosis virus</i>	Virus	NA	Not Assessed		Untiered
Japanese Wax Scale	<i>Ceroplastes japonicus</i>	Insect	NA	Not Assessed		Untiered
Late Blight	<i>Phytophthora infestans</i>	Fungus	NA	Not Assessed		Untiered
Southern Bacterial Wilt	<i>Ralstonia solanacearum</i>	Bacteria	NA	Not Assessed		Untiered

Species Detected in New York or the Capital Region:





Common Name	Scientific Name	Growth Form	Ecological Threat	Socio-economic Threat	Part 575 Regulatory Status	CR-PRISM Tier
Jumping worm	<i>Amyntas spp.</i>	Insect	M	Insignificant Negative	Prohibited	4
Spongy moth	<i>Lymantria dispar</i>	Insect	H	Very High Negative	Prohibited	4
Spotted lanternfly	<i>Lycorma delicatula</i>	Insect	H	Negative		2
Box tree moth	<i>Cydalima perspectalis</i>	Insect	NA	Not Assessed		2
Elm Zigzag Fly	<i>Aproceros leucopoda</i>	Insect	NA	Not Assessed		Untiered
Waterhemp	<i>Amaranthus tuberculatus</i>	Plant	NA	Not Assessed		Untiered
Palmer amaranth	<i>Amaranthus palmeri</i>	Plant	NA	Not Assessed		Untiered

Definitions:

Invasive Species

A species that is nonnative to the ecosystem under consideration, and whose introduction causes or is likely to cause economic or environmental harm or harm to human health. For the purpose of 6 NYCRR Part 575, the harm must significantly outweigh any benefits.

Prohibited Species

Prohibited invasive species cannot be knowingly possessed with the intent to sell, import, purchase, transport or introduce. In addition, no person shall sell, import, purchase, transport, introduce or propagate prohibited invasive species.

Regulated Species

Regulated invasive species, on the other hand, are species which cannot be knowingly introduced into a free-living state or introduced by a means that one should have known would lead to such an introduction, although such species shall be legal to possess, sell, buy, propagate, and transport.

Horizon Scanning

A process for identifying and assessing potential risks posed by non-native species that may be introduced and become established.

High Priority Invasive Species (HPIS)

A Tier 1 or 2 invasive species which poses a high or very high threat that are of particular concern with significant impacts to our ecosystems, economy, agricultural systems, and human health.

Species of Concern (SOC)

Species that have unknown consequences and impacts to our environment, economy, agricultural systems, and human health. These species have shown evidence of invasive tendencies that could pose moderate to very high threats. These species can be approaching the region or found locally.

