2020 Priority Pest List:

Pests of Economic and Environmental Importance

The Pests of Economic and Environmental Importance (EEI) list includes organisms on the Priority Pest List that have been evaluated using the Objective Prioritization of Exotic Pests (OPEP) Impact Assessment model and found to belong in Category 1. The Impact Assessment model predicts the likelihood each organism will cause high, moderate, and low impacts (as defined by PPQ) in the United States. For CAPS, the results are grouped into three categories. Category 1 includes organisms predicted to cause high impacts, as well as some predicted to cause moderate impacts. See the Pest Assessment and Prioritization Process document for more information.

Note: The Asian Defoliator, Grape, Palm, Solanaceous, and Stone Fruit Commodity-based surveys will only be available as PPA 7721[1] funded surveys (not CAPS).

Scientific Name	Common Name	Commodity/Taxonomic Survey
Agrilus biguttatus	Oak splendour beetle	Exotic Wood Borer/Bark Beetle, Oak
Anguina tritici	Wheat seed gall nematode	Small Grains
Anoplophora chinensis	Citrus longhorned beetle	Exotic Wood Borer/Bark Beetle
Autographa gamma	Silver y moth	Corn, Solanaceous, Soybean
Belocaulus spp.*	No common name, leatherleaf slugs	Mollusk
Bursaphelenchus cocophilus	Red ring nematode	Palm
'*Candidatus* Phytoplasma australiense' 16SrXII-B	Australian grapevine yellows	Grape, Solanaceous
'*Candidatus* Phytoplasma mali' 16SrX-A	Apple proliferation	N/A
Candidatus Phytoplasma palmae 16Sr-IV	Palm lethal yellowing	Palm

[1] Farm Bill Section 10007 is now called Plant Protection Act (PPA) Section 7721 Program (PPA 7721)

Scientific Name	Common Name	Commodity/Taxonomic Survey
'Candidatus Phytoplasma phoenicium' 16SrIX-B	Almond witches' broom	Stone Fruit
Candidatus Phytoplasma prunorum 16SrX-F	European stone fruit yellows	Stone Fruit
Candidatus Phytoplasma solani 16SrXII-A	Bois noir/Stolbur	Grape
'Candidatus Phytoplasma vitis' 16SrV-C	Flavescence dorée	Grape
Ceroplastes japonicus	Japanese wax scale	N/A
Chilo suppressalis	Asiatic rice borer	N/A
Cocadviroid Coconut cadang-cadang viroid	Coconut cadang-cadang (CCCVd)	Palm
Colosius spp.*	No common name, leatherleaf slugs	Mollusk
Cronartium flaccidum	Scots pine blister rust	Pine
Cryptoblabes gnidiella	Christmas berry webworm	Grape
Dendrolimus pini	Pine-tree lappet	Asian Defoliator, Pine
Dendrolimus punctatus	Masson pine moth	Asian Defoliator, Pine
Dendrolimus sibiricus	Siberian silk moth	Asian Defoliator, Pine
Diabrotica speciosa	Cucurbit beetle	Corn, Small Grains, Soybean
Eurygaster integriceps	Sunn pest	Small Grains
Helicoverpa armigera	Old World bollworm	Corn, Cotton, Small Grains, Solanaceous, Soybean

Scientific Name	Common Name	Commodity/Taxonomic Survey
Heteronychus arator	Black maize beetle	Corn, Grape, Solanaceous
Hymenoscyphus fraxineus	Ash dieback	N/A
Laevicaulis spp.*	No common name, leatherleaf slugs	Mollusk
Laodelphax striatellus	Small brown planthopper	Corn, Small Grains
*Lissachatina fulica**	Giant African snail	Mollusk
Magnaporthiopsis maydis	Late wilt of corn	Corn
Megaplatypus mutatus	No common name, an ambrosia beetle	Exotic Wood Borer/Bark Beetle
*Meghimatium pictum**	Chinese slug	Mollusk
Monacha spp.*	No common name, hygromiid snails	Mollusk
Neoleucinodes elegantalis	Tomato fruit borer	Solanaceous
*Onopordum acaulon**	Horse thistle	N/A
Oxycarenus hyalinipennis	Cotton seed bug	Cotton
Paysandisia archon	South American palm borer	Palm
Peronosclerospora maydis	Java downy mildew	Corn
Peronosclerospora philippinensis	Philippine downy mildew	Corn
Phytophthora alni	Alder root and collar rot	N/A

Scientific Name	Common Name	Commodity/Taxonomic Survey
Phytophthora kernoviae	Beech bleeding canker	N/A
Platypus quercivorus	Oak ambrosia beetle	Exotic Wood Borer/Bark Beetle, Oak
Pseudopezicula tracheiphila	Rotbrenner	Grape
Raffaelea quercivora	Japanese oak wilt	Oak
Ralstonia solanacearum race 3 biovar 2	Bacterial wilt	Solanaceous
Sarasinula spp.*	No common name, leatherleaf slugs	Mollusk
Semperula spp.*	No common name, leatherleaf slugs	Mollusk
Spodoptera litura	Cotton cutworm	Corn, Cotton, Grape, Solanaceous
Synchytrium endobioticum	Potato wart	Solanaceous
Tecia solanivora	Guatemalan potato moth	Solanaceous
Thaumatotibia leucotreta	False codling moth	Corn, Cotton, Grape, Oak, Solanaceous, Stone Fruit
Thaumetopoea pityocampa	Pine processionary moth	Pine
Thaumetopoea processionea	Oak processionary moth	Oak
Tobamovirus Cucumber green mottle mosaic virus	Cucumber green mottle mosaic (CGMMV)	N/A
Orthotospovirus Groundnut bud necrosis virus	Groundnut bud necrosis (GBNV)	Solanaceous
Trogoderma granarium	Khapra beetle	N/A

Scientific Name	Common Name	Commodity/Taxonomic Survey
Tuta absoluta	Tomato leafminer	Solanaceous
Veronicella spp.*	No common name, leatherleaf slugs	Mollusk
Xanthomonas oryzae pv. *oryzae* & *X. oryzae* pv. *oryzicola*	Bacterial blight, Bacterial leaf streak	N/A

*Mollusks and weeds were not analyzed by the OPEP Impact Assessment model for FY2019. Mollusk and weed pests from the FY2019 pest list were rolled over onto the FY2020 Pests of Economic and Environmental Importance List. These pests will be analyzed in the next iteration of the OPEP Impact Assessment model.