

Analytic Hierarchy Process (AHP) Prioritized Pest List FY 2014

Overview	<p>The Analytic Hierarchy Process (AHP) Prioritized Pest List for 2014 is a ranked list of pests that are expected to cause damage to agricultural and/or natural resources if introduced into the United States. The prioritized pest list includes arthropods, mollusks, pathogens, nematodes, and weeds.</p> <p>Subject matter experts in biology and economics evaluated each pest against a weighted set of criteria addressing <i>environmental impact</i> and <i>economic impact</i>. By combining the extent to which a pest fulfilled the set of criteria (determined by subject matter experts) with the criteria weights (determined by decision makers representing the CAPS community), each pest received a score. The result is the prioritized pest list shown on the worksheets <i>AHP PPL Rank by Taxon</i> and <i>AHP PPL by Rank</i>. For 2014, both a Pre-assessment and Post-assessment questionnaire were applied to new pests. There is a diagram of the new process on page 2 of this document. The full set of criteria is shown on page 13. Examples of the Pre-assessment and Post-assessment questionnaires can be found on pages 11 and 14.</p>
Pest List Constraints	<p>To be included in the AHP Prioritized Pest List, a pest:</p> <ul style="list-style-type: none">- Cannot be established in the conterminous United States (even if the distribution is limited)- Cannot be considered non-reportable by PPQ- Cannot be a program pest with funding for national survey
Contributors	<p>AHP Core Team: <i>Lisa Jackson, Talitha Molet, Melinda Sullivan</i></p> <p>Subject Matter Experts: Economics: <i>Lottie Erikson, Lynn Garrett, Alison Neeley, and Trang Vo;</i> Biology: <i>Gary Cave, Carol Hicks, Lisa Jackson, Talitha Molet, Ashanti Robertson, and Melinda Sullivan</i></p>
For Additional Information	<p>Contact <i>Lisa Jackson (Lisa.D.Jackson@aphis.usda.gov; 919-855-7549)</i> or <i>Melinda Sullivan (Melinda.J.Sullivan@aphis.usda.gov; 970-490-4469)</i></p>

AHP Prioritized Pest List for 2014 by Rank

Appendix D

Rank	Scientific Name	Common Name	Kingdom	Phylum	Class	Order	Family
1	<i>Agrilus biguttatus</i>	Oak Splendor Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Buprestidae
1	<i>Platypus quercivorus</i>	Oak Ambrosia Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Platypodidae
2	<i>Cronartium flaccidum</i>	Scots Pine Blister Rust	Fungi	Basidiomycota	Urediniomycetes	Uredinales	Cronartiaceae
3	<i>Helicoverpa armigera</i>	Old World Bollworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
4	<i>Tremex fuscicornis</i>	Tremex Wood Wasp	Animalia	Arthropoda	Insecta	Hymenoptera	Siricidae
5	<i>Thaumetopoea processionea</i>	Oak Processionary Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Notodontidae
6	<i>Tomicus destruens</i>	Pine Shoot Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Scolytidae
7	<i>Dendrolimus sibiricus</i>	Siberian Silk Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
8	<i>Spodoptera litura</i>	Cotton Cutworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
9	<i>Otiorhynchus dieckmanni</i>	Wingless Weevil	Animalia	Arthropoda	Insecta	Coleoptera	Curculionidae
10	<i>Ceroplastes japonicus</i>	Japanese Wax Scale	Animalia	Arthropoda	Insecta	Hemiptera	Coccidae
11	<i>Unaspis yanonensis</i>	Arrowhead Scale	Animalia	Arthropoda	Insecta	Hemiptera	Diaspididae
12	<i>Phytophthora alni</i>	Alder Root and Collar Rot	Chromista	Oomycota	Oomycetes	Pythiales	Pythiaceae
13	<i>Ralstonia solanacearum</i> race 3 biovar 2	Bacterial Wilt	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Ralstoniaceae
14	<i>Lissachatina fulica</i>	Giant African Snail	Animalia	Mollusca	Gastropoda	Stylommatophora	Achatinidae
15	<i>Lymantria mathura</i>	Rosy Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lymantriidae
16	<i>Massicus raddei</i>	Mountain oak longhorned beetle	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
17	<i>Ditylenchus angustus</i>	Rice Stem Nematode	Animalia	Nematoda	Secernentea	Tylenchida	Anguinidae
18	<i>Ceroplastes destructor</i>	Soft Wax Scale	Animalia	Arthropoda	Insecta	Hemiptera	Coccidae
19	<i>Chilo suppressalis</i>	Asiatic Rice Borer	Animalia	Arthropoda	Insecta	Lepidoptera	Pyralidae
20	<i>Neoleucinodes elegantalis</i>	Tomato Fruit Borer	Animalia	Arthropoda	Insecta	Lepidoptera	Crambidae
21	Veronicellidae (<i>Belocaulus (Angustipes) spp.</i> , <i>Colosius spp.</i> , <i>Laevicaulis spp.</i> , <i>Sarasinula spp.</i> , <i>Semperula spp.</i> , and <i>Veronicella spp.</i>)	No common name, leatherleaf slugs	Animalia	Mollusca	Gastropoda	Stylommatophora	Veronicellidae
22	<i>Dendrolimus pini</i>	Pine-Tree Lappet	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
23	<i>Spodoptera littoralis</i>	Egyptian Cottonworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
24	<i>Cryptoblabes gnidiella</i>	Honeydew Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Pyralidae
25	<i>Chalara fraxinea</i>	Ash Dieback	Fungi	Ascomycota	Ascomycetes	Incertae sedis	Incertae sedis
26	<i>Monochamus sutor</i>	Small White-Marmorated Longhorned Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
27	<i>Tuta absoluta</i>	Tomato Leaf Miner	Animalia	Arthropoda	Insecta	Lepidoptera	Gelechiidae
28	<i>Dendrolimus punctatus</i>	Masson pine moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
29	<i>Meghimatium pictum</i>	Chinese Slug	Animalia	Mollusca	Gastropoda	Sigmurethra	Philomycidae
30	<i>Monilinia fructigena</i>	Brown Rot, Apple Brown Rot	Fungi	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae
31	<i>Nysius huttoni</i>	Wheat Bug	Animalia	Arthropoda	Insecta	Hemiptera	Lygaeidae
32	<i>Megaplatus mutatus</i>	No common name, an ambrosia beetle	Animalia	Arthropoda	Insecta	Coleoptera	Platypodidae
33	<i>Pieris brassicae</i>	Large White Butterfly	Animalia	Arthropoda	Insecta	Lepidoptera	Pieridae
34	<i>Candidatus Phytoplasma australiense</i>	Australian Grapevine Yellows	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
35	<i>Monochamus urusovii</i>	Black Fir Sawyer	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
36	<i>Raffaelea quercivora</i>	Japanese Oak Wilt	Fungi	Ascomycota	Sordariomycetes	Ophiostomatales	Ophiostomataceae
37	<i>Candidatus Phytoplasma pini</i>	Pine witches' broom phytoplasma	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
38	<i>Flavescence doree phytoplasma</i>	Flavescence Dorée Phytoplasma	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
39	<i>Monacha spp. (M. cantiana, M. syriaca)</i>	No common name, hygromiid snails	Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae
40	<i>Oxycarenus hyalinipennis</i>	Cotton Seed Bug	Animalia	Arthropoda	Insecta	Hemiptera	Lygaeidae
41	<i>Eudocima fullonia</i>	Fruit Piercing Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
42	<i>Thaumatotibia leucotreta</i>	False Codling Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Tortricidae
43	<i>Candidatus Phytoplasma mali</i>	Apple Proliferation	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae

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Appendix D

Rank	Scientific Name	Common Name	Kingdom	Phylum	Class	Order	Family
44	<i>Monochamus saltuarius</i>	Japanese Pine Sawyer	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
45	<i>Tetranychus roseus</i>	No common name, a spider mite	Animalia	Arthropoda	Arachnida	Acari	Tetranychidae
46	<i>Trogoderma granarium</i>	Khapra Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Dermestidae
47	<i>Diprion pini</i>	Pine Sawfly	Animalia	Arthropoda	Insecta	Hymenoptera	Diprionidae
48	<i>Mycosphaerella gibsonii</i>	Needle Blight Of Pine	Fungi	Ascomycota	Ascomycetes	Mycosphaerellales	Mycosphaerellaceae
49	<i>Onopordum acaulon</i>	Horse Thistle	Plantae	Magnoliophyta	Magnoliopsida	Asterales	Asteraceae
50	<i>Phytophthora austrocedrae</i>	Mal Del Ciprés (Cypress Mortality)	Chromista	Oomycota	Oomycetes	Pythiales	Pythiaceae
51	<i>Paysandisia archon</i>	No common name, a palm borer	Animalia	Arthropoda	Insecta	Lepidoptera	Castniidae
52	<i>Monilia polystroma</i>	Asiatic Brown Rot	Fungi	Ascomycota	Leotiomyces	Helotiales	Sclerotiniaceae
53	<i>Pseudopezicula tracheiphila</i>	Rotbrenner	Fungi	Ascomycota	Leotiomyces	Helotiales	Helotiaceae
53	<i>Tecia solanivora</i>	Guatemalan Potato Tuber Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Gelechiidae
54	<i>Diabrotica speciosa</i>	Cucurbit Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Chrysomelidae
54	<i>Harpophora maydis</i>	Late Wilt Of Corn	Fungi	Ascomycota	Sordariomyces	Phyllachorales	Magnaporthaceae
54	<i>Xanthomonas oryzae</i> , <i>X. oryzae</i> pv. <i>oryzicola</i>	Bacterial Blight, Bacterial Leaf Streak	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae

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1	<i>Agrilus biguttatus</i>	Oak Splendor Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Buprestidae
34	<i>Candidatus Phytoplasma australiense</i>	Australian Grapevine Yellows	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
43	<i>Candidatus Phytoplasma mali</i>	Apple Proliferation	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
37	<i>Candidatus Phytoplasma pini</i>	Pine witches' broom phytoplasma	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
18	<i>Ceroplastes destructor</i>	Soft Wax Scale	Animalia	Arthropoda	Insecta	Hemiptera	Coccidae
10	<i>Ceroplastes japonicus</i>	Japanese Wax Scale	Animalia	Arthropoda	Insecta	Hemiptera	Coccidae
25	<i>Chalara fraxinea</i>	Ash Dieback	Fungi	Ascomycota	Ascomycetes	Incertae sedis	Incertae sedis
19	<i>Chilo suppressalis</i>	Asiatic Rice Borer	Animalia	Arthropoda	Insecta	Lepidoptera	Pyralidae
2	<i>Cronartium flaccidum</i>	Scots Pine Blister Rust	Fungi	Basidiomycota	Urediniomycetes	Uredinales	Cronartiaceae
24	<i>Cryptoblabes gnidiella</i>	Honeydew Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Pyralidae
22	<i>Dendrolimus pini</i>	Pine-Tree Lappet	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
28	<i>Dendrolimus punctatus</i>	Masson pine moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
7	<i>Dendrolimus sibiricus</i>	Siberian Silk Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
54	<i>Diabrotica speciosa</i>	Cucurbit Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Chrysomelidae
47	<i>Diprion pini</i>	Pine Sawfly	Animalia	Arthropoda	Insecta	Hymenoptera	Diprionidae
17	<i>Ditylenchus angustus</i>	Rice Stem Nematode	Animalia	Nematoda	Secernentea	Tylenchida	Anguinidae
41	<i>Eudocima fullonia</i>	Fruit Piercing Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
38	<i>Flavescence doree phytoplasma</i>	Flavescence Dorée Phytoplasma	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
54	<i>Harpophora maydis</i>	Late Wilt Of Corn	Fungi	Ascomycota	Sordariomycetes	Phyllachorales	Magnaportheaceae
3	<i>Helicoverpa armigera</i>	Old World Bollworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
14	<i>Lissachatina fulica</i>	Giant African Snail	Animalia	Mollusca	Gastropoda	Stylommatophora	Achatinidae
15	<i>Lymantia mathura</i>	Rosy Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lymantriidae
16	<i>Massicus raddei</i>	Mountain oak longhorned beetle	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
32	<i>Megaplatypus mutatus</i>	No common name, an ambrosia beetle	Animalia	Arthropoda	Insecta	Coleoptera	Platypodidae
29	<i>Meghimatium pictum</i>	Chinese Slug	Animalia	Mollusca	Gastropoda	Sigmoethra	Philomycidae
39	<i>Monacha spp. (M. cantiana, M. syriaca)</i>	No common name, hygromiid snails	Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae
52	<i>Monilia polystroma</i>	Asiatic Brown Rot	Fungi	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae
30	<i>Monilinia fructigena</i>	Brown Rot, Apple Brown Rot	Fungi	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae
44	<i>Monochamus saltuarius</i>	Japanese Pine Sawyer	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
26	<i>Monochamus sutor</i>	Small White-Marmorated Longhorned Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
35	<i>Monochamus urusovii</i>	Black Fir Sawyer	Animalia	Arthropoda	Insecta	Coleoptera	Cerambycidae
48	<i>Mycosphaerella gibsonii</i>	Needle Blight Of Pine	Fungi	Ascomycota	Ascomycetes	Mycosphaerellales	Mycosphaerellaceae
20	<i>Neoleucinodes elegantalis</i>	Tomato Fruit Borer	Animalia	Arthropoda	Insecta	Lepidoptera	Crambidae
31	<i>Nysius huttoni</i>	Wheat Bug	Animalia	Arthropoda	Insecta	Hemiptera	Lygaeidae
49	<i>Onopordum acaulon</i>	Horse Thistle	Plantae	Magnoliophyta	Magnoliopsida	Asterales	Asteraceae
9	<i>Otiorynchus dieckmanni</i>	Wingless Weevil	Animalia	Arthropoda	Insecta	Coleoptera	Curculionidae
40	<i>Oxycarenus hyalinipennis</i>	Cotton Seed Bug	Animalia	Arthropoda	Insecta	Hemiptera	Lygaeidae
51	<i>Paysandisia archon</i>	No common name, a palm borer	Animalia	Arthropoda	Insecta	Lepidoptera	Castniidae
12	<i>Phytophthora alni</i>	Alder Root and Collar Rot	Chromista	Oomycota	Oomycetes	Pythiales	Pythiaceae
50	<i>Phytophthora austrocedrae</i>	Mal Del Ciprés (Cypress Mortality)	Chromista	Oomycota	Oomycetes	Pythiales	Pythiaceae
33	<i>Pieris brassicae</i>	Large White Butterfly	Animalia	Arthropoda	Insecta	Lepidoptera	Pieridae
1	<i>Platypus quercivorus</i>	Oak Ambrosia Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Platypodidae
53	<i>Pseudopezicula tracheiphila</i>	Rotbrenner	Fungi	Ascomycota	Leotiomycetes	Helotiales	Helotiaceae
36	<i>Raffaelea quercivora</i>	Japanese Oak Wilt	Fungi	Ascomycota	Sordariomycetes	Ophiostomatales	Ophiostomataceae
13	<i>Ralstonia solanacearum</i> race 3 biovar 2	Bacterial Wilt	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Ralstoniaceae
23	<i>Spodoptera littoralis</i>	Egyptian Cottonworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
8	<i>Spodoptera litura</i>	Cotton Outworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
53	<i>Tecia solanivora</i>	Guatemalan Potato Tuber Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Gelechiidae
45	<i>Tetranychus roseus</i>	No common name, a spider mite	Animalia	Arthropoda	Arachnida	Acari	Tetranychidae
42	<i>Thaumatotibia leucotreta</i>	False Codling Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Tortricidae

Rank	Scientific Name	Common Name	Kingdom	Phylum	Class	Order	Family
5	<i>Thaumetopoea processionea</i>	Oak Processionary Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Notodontidae
6	<i>Tomicus destruens</i>	Pine Shoot Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Scolytidae
4	<i>Tremex fuscicornis</i>	Tremex Wood Wasp	Animalia	Arthropoda	Insecta	Hymenoptera	Siricidae
46	<i>Trogoderma granarium</i>	Khapra Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Dermestidae
27	<i>Tuta absoluta</i>	Tomato Leaf Miner	Animalia	Arthropoda	Insecta	Lepidoptera	Gelechiidae
11	<i>Unaspis yanonensis</i>	Arrowhead Scale	Animalia	Arthropoda	Insecta	Hemiptera	Diaspididae
21	Veronicellidae (<i>Belocaulus (Angustipes)</i> spp., <i>Colosius</i> spp., <i>Laevicaulis</i> spp., <i>Sarasinula</i> spp., <i>Semperula</i> spp., and <i>Veronicella</i> spp.)	No common name, leatherleaf slugs	Animalia	Mollusca	Gastropoda	Stylommatophora	Veronicellidae
54	<i>Xanthomonas oryzae</i> , <i>X. oryzae</i> pv. <i>oryzicola</i>	Bacterial Blight, Bacterial Leaf Streak	Bacteria	Proteobacteria	Gamma proteobacteria	Xanthomonadales	Xanthomonadaceae

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Insecta/Acari							
1	<i>Agrilus biguttatus</i>	Oak Splendor Beetle	Animalia	Arthropoda	Insecta	Coleoptera	Buprestidae
18	<i>Ceroplastes destructor</i>	Soft Wax Scale	Animalia	Arthropoda	Insecta	Hemiptera	Coccidae
10	<i>Ceroplastes japonicus</i>	Japanese Wax Scale	Animalia	Arthropoda	Insecta	Hemiptera	Coccidae
19	<i>Chilo suppressalis</i>	Asiatic Rice Borer	Animalia	Arthropoda	Insecta	Lepidoptera	Pyrilidae
24	<i>Cryptoblabes gnidiella</i>	Honeydew Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Pyrilidae
22	<i>Dendrolimus pini</i>	Pine-Tree Lappet	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
28	<i>Dendrolimus punctatus</i>	Masson pine moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lasiocampidae
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47	<i>Diprion pini</i>	Pine Sawfly	Animalia	Arthropoda	Insecta	Hymenoptera	Diprionidae
41	<i>Eudocima fullonia</i>	Fruit Piercing Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
3	<i>Helicoverpa armigera</i>	Old World Bollworm	Animalia	Arthropoda	Insecta	Lepidoptera	Noctuidae
15	<i>Lymantria mathura</i>	Rosy Moth	Animalia	Arthropoda	Insecta	Lepidoptera	Lymantriidae
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11	<i>Unaspis yanonensis</i>	Arrowhead Scale	Animalia	Arthropoda	Insecta	Hemiptera	Diaspididae
Mollusca							
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29	<i>Meghimatium pictum</i>	Chinese Slug	Animalia	Mollusca	Gastropoda	Sigmurethra	Philomylidae
39	<i>Monacha</i> spp. (<i>M. cantiana</i> , <i>M. syriaca</i>)	No common name, hygromiid snails	Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae
21	Veronicellidae (<i>Belocaulus (Angustipes)</i> spp., <i>Colosius</i> spp., <i>Laevicaulis</i> spp., <i>Sarasinula</i> spp., <i>Semperula</i> spp., and <i>Veronicella</i> spp.)	No common name, leatherleaf slugs	Animalia	Mollusca	Gastropoda	Stylommatophora	Veronicellidae
Bacteria/Chromista/Fungi							
34	<i>Candidatus Phytoplasma australiense</i>	Australian Grapevine Yellows	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
43	<i>Candidatus Phytoplasma mali</i>	Apple Proliferation	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
37	<i>Candidatus Phytoplasma pini</i>	Pine witches' broom phytoplasma	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
25	<i>Chalara fraxinea</i>	Ash Dieback	Fungi	Ascomycota	Ascomycetes	Incertae sedis	Incertae sedis
2	<i>Cronartium flaccidum</i>	Scots Pine Blister Rust	Fungi	Basidiomycota	Urediniomycetes	Uredinales	Cronartiaceae

AHP Prioritized Pest List for 2014 by Taxon

Appendix D

Rank	Scientific Name	Common Name	Kingdom	Phylum	Class	Order	Family
38	<i>Flavescence doree phytoplasma</i>	Flavescence Dorée Phytoplasma	Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae
54	<i>Harpophora maydis</i>	Late Wilt Of Corn	Fungi	Ascomycota	Sordariomycetes	Phyllachorales	Magnaporthaceae
52	<i>Monilia polystroma</i>	Asiatic Brown Rot	Fungi	Ascomycota	Leotiomyces	Helotiales	Sclerotiniaceae
30	<i>Monilinia fructigena</i>	Brown Rot, Apple Brown Rot	Fungi	Ascomycota	Leotiomyces	Helotiales	Sclerotiniaceae
48	<i>Mycosphaerella gibsonii</i>	Needle Blight Of Pine	Fungi	Ascomycota	Ascomycetes	Mycosphaerellales	Mycosphaerellaceae
12	<i>Phytophthora alni</i>	Alder Root and Collar Rot	Chromista	Oomycota	Oomycetes	Pythiales	Pythiaceae
50	<i>Phytophthora austrocedrae</i>	Mal Del Ciprés (Cypress Mortality)	Chromista	Oomycota	Oomycetes	Pythiales	Pythiaceae
53	<i>Pseudopezicula tracheiphila</i>	Rotbrenner	Fungi	Ascomycota	Leotiomyces	Helotiales	Helotiaceae
36	<i>Raffaelea quercivora</i>	Japanese Oak Wilt	Fungi	Ascomycota	Sordariomycetes	Ophiostomatales	Ophiostomataceae
13	<i>Ralstonia solanacearum</i> race 3 biovar 2	Bacterial Wilt	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Ralstoniaceae
54	<i>Xanthomonas oryzae</i> , <i>X. oryzae</i> pv. <i>oryzicola</i>	Bacterial Blight, Bacterial Leaf Streak	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae
Nematoda							
17	<i>Ditylenchus angustus</i>	Rice Stem Nematode	Animalia	Nematoda	Secernentea	Tylenchida	Anguinidae
Plantae							
49	<i>Onopordum acaulon</i>	Horse Thistle	Plantae	Magnoliophyta	Magnoliopsida	Asterales	Asteraceae

Rank	Scientific Name	Common Name	Allium spp. (Onion)	Apium graveolens (Celery)	Arachis spp. (Peanut)	Asparagus spp. (Asparagus)	Avena spp. (Oats)	Brassica spp.	Citrus spp. (Citrus)	Cucumis spp. (Cantaloupe)	Cucumis spp. (Cucumber)	Daucus carota (Carrot)	Fragaria spp. (Strawberry)	Glycine spp. (Soybean)	Gossypium spp. (Cotton)	Helianthus spp. (Sunflower)	Hordeum spp. (Barley)	Lactuca spp. (Lettuce)	Malus spp. (Apple)	Oryza spp. (Rice)	Phaseolus spp. (Beans)	Prunus dulcis (Almond)	Prunus persica (Peach)	Pyrus spp. (Pear)	Solanum lycopersicum (Tomato)	Solanum tuberosum (Potato)	Sorghum spp. (Sorghum)	Triticum spp. (Wheat)	Vitis spp. (Grape)	Zea spp. (Corn)	Pinus spp. (Pine)	Other Softwood Trees*	Soft Hardwood Trees*	Hardwood Trees*	Pest Commodity Total			
1	<i>Agrilus biguttatus</i>	Oak Splendor Beetle																																			2	
1	<i>Platypus quercivorus</i>	Oak Ambrosia Beetle																																			2	
2	<i>Cronartium flaccidum</i>	Scots Pine Blister Rust																																			1	
3	<i>Helicoverpa armigera</i>	Old World Bollworm	■		▲		■	■	▲	■	■	■	■	▲	▲	▲	▲	■	■	■	▲				▲	▲	▲	▲	▲								27	
4	<i>Tremex fuscicornis</i>	Tremex Wood Wasp																																			2	
5	<i>Thaumetopoea processionea</i>	Oak Processionary Moth																																			3	
6	<i>Tomicus destruens</i>	Pine Shoot Beetle																																			1	
7	<i>Dendrolimus sibiricus</i>	Siberian Silk Moth																																			4	
8	<i>Spodoptera litura</i>	Cotton Cutworm	▲	■	▲	■		▲	▲	■	■	■	▲	▲	▲	▲			■	▲	▲	▲		■	■	▲	▲	▲	■	▲	▲						28	
9	<i>Otiorynchus dieckmanni</i>	Wingless Weevil																	■																		1	
10	<i>Ceroplastes japonicus</i>	Japanese Wax Scale							▲											■				■	■												7	
11	<i>Unaspis yanonensis</i>	Arrowhead Scale																																			1	
12	<i>Phytophthora alni</i>	Alder Root and Collar Rot																																			1	
13	<i>Ralstonia solanacearum</i> race 3 biovar 2	Bacterial Wilt			■										■											▲	▲										5	
14	<i>Lissachatina fulica</i>	Giant African Snail	■	▲				▲	■	▲	▲	■	■		■	■			■	■	■	■				■	■	■	■	■	■						21	
15	<i>Lymantria mathura</i>	Rosy Moth																		■				■													6	
16	<i>Massicus raddei</i>	Mountain oak longhorned beetle																																			1	
17	<i>Ditylenchus angustus</i>	Rice Stem Nematode																				▲															1	
18	<i>Ceroplastes destructor</i>	Soft Wax Scale							▲											■					■												5	
19	<i>Chilo suppressalis</i>	Asiatic Rice Borer						■													▲				■		▲	■									6	
20	<i>Neoleucinodes elegantalis</i>	Tomato Fruit Borer																								▲											1	
21	Veronicellidae (<i>Belocalus (Angustipes) spp., Colosius spp., Laevicalis spp., Sarasinula spp., Semperula spp., and Veronicella spp.</i>)	No common name, leatherleaf slugs			■			■	■	■	■	■								■					■												9	
22	<i>Dendrolimus pini</i>	Pine-Tree Lappet																																			2	
23	<i>Spodoptera littoralis</i>	Egyptian Cottonworm	▲	■	▲	■		■	▲	▲	▲	▲	■	▲	▲	▲			▲	■	▲	▲		■	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	■	■	■	28
24	<i>Cryptoblabes gnidiella</i>	Honeydew Moth	■						▲											■	■	■															11	
25	<i>Chalara fraxinea</i>	Ash Dieback																																			1	
26	<i>Monoctonus sutor</i>	Small White-Marmorated Longhorned Beetle																																			3	
27	<i>Tuta absoluta</i>	Tomato Leaf Miner																								▲	■											2
28	<i>Dendrolimus punctatus</i>	Masson pine moth																																			1	
29	<i>Meghimatium pictum</i>	Chinese Slug																																			1	
30	<i>Monilinia fructigena</i>	Brown Rot, Apple Brown Rot																			▲		▲	▲	▲												5	
31	<i>Nysius huttoni</i>	Wheat Bug						■	■																												8	
32	<i>Megaplatus mutatus</i>	No common name, an ambrosia beetle																			▲																7	
33	<i>Pieris brassicae</i>	Large White Butterfly	■					▲						▲							▲																3	
34	<i>Candidatus Phytoplasma australiense</i>	Australian Grapevine Yellows																																			9	
35	<i>Monoctonus urusovi</i>	Black Fir Sawyer																																			4	
36	<i>Raffaella quercivora</i>	Japanese Oak Wilt																																				1
37	<i>Candidatus Phytoplasma pini</i>	Pine witches' broom phytoplasma																																			2	
38	<i>Flavescence doree phytoplasma</i>	Flavescence Dorée Phytoplasma																																			1	
39	<i>Monacha</i> spp. (<i>M. cantiana</i> , <i>M. syriaca</i>)	No common name, hygromiid snails						■							■																						4	
40	<i>Oxyarenus hyalinipennis</i>	Cotton Seed Bug																																			9	
41	<i>Eudocima fullonia</i>	Fruit Piercing Moth							▲	■	■																										11	
42	<i>Thaumetobia leucotreta</i>	False Codling Moth							▲																												10	
43	<i>Candidatus Phytoplasma mali</i>	Apple Proliferation																			▲																5	
44	<i>Monoctonus saltuarius</i>	Japanese Pine Sawyer																																			2	
45	<i>Tetranychus roseus</i>	No common name, a spider mite																																			0	

Rank	Scientific Name	Common Name	Allium spp. (Onion)	Apium graveolens (Celery)	Arachis spp. (Peanut)	Asparagus spp. (Asparagus)	Avena spp. (Oats)	Brassica spp.	Citrus spp. (Citrus)	Cucumis spp. (Cantaloupe)	Cucumis spp. (Cucumber)	Daucus carota (Carrot)	Fragaria spp. (Strawberry)	Glycine spp. (Soybean)	Gossypium spp. (Cotton)	Helianthus spp. (Sunflower)	Hordeum spp. (Barley)	Lactuca spp. (Lettuce)	Malus spp. (Apple)	Oryza spp. (Rice)	Phaseolus spp. (Beans)	Prunus dulcis (Almond)	Prunus persica (Peach)	Pyrus spp. (Pear)	Solanum lycopersicum (Tomato)	Solanum tuberosum (Potato)	Sorghum spp. (Sorghum)	Triticum spp. (Wheat)	Vitis spp. (Grape)	Zea spp. (Corn)	Pinus spp. (Pine)	Other Softwood Trees*	Soft Hardwood Trees*	Hardwood Trees*	Pest Commodity Total		
46	<i>Trogoderma granarium</i>	Khapra Beetle			▲		▲							▲	▲	▲				▲	▲															10	
47	<i>Diprion pini</i>	Pine Sawfly																														▲					1
48	<i>Mycosphaerella gibsonii</i>	Needle Blight Of Pine																															▲				1
49	<i>Onopordum acaulon</i>	Horse Thistle																																			0
50	<i>Phytophthora austrocedrae</i>	Mal Del Ciprés (Cypress Mortality)																																■			1
51	<i>Paysandisia archon</i>	No common name, a palm borer																																■			1
52	<i>Monilia polystroma</i>	Asiatic Brown Rot																		▲		▲	▲	▲													4
53	<i>Pseudopezicula tracheiphila</i>	Rotbrenner																																			1
53	<i>Tecia solanivora</i>	Guatemalan Potato Tuber Moth																								▲											1
54	<i>Diabrotica speciosa</i>	Cucurbit Beetle	■	■	▲	■	■	■	■	■	■	■	■	▲	■	■			■	■	■	■	■	■	■	■	▲									■	26
54	<i>Harpophora maydis</i>	Late Wilt Of Corn																																			1
54	<i>Xanthomonas oryzae, X. oryzae pv. oryzicola</i>	Bacterial Blight, Bacterial Leaf Streak																			▲																1

Total Pests Per Commodity:

7	4	7	3	4	10	13	8	8	6	8	6	11	6	3	9	15	10	11	3	13	11	13	9	9	7	14	11	16	12	21	25	313
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▲ = Primary host

■ = Other host

*Other Softwood Trees: *Abies, Casuarina, Cupressus, Juniperus, Larix, Picea, Pseudotsuga, Tsuga*
 *Soft Hardwood Trees: *Acacia, Albizia, Alnus, Asimina, Castanea, Catalpa, Celtis, Elaeagnus, Fraxinus, Liquidambar, Magnolia, Melaleuca, Persea, Platanus, Populus, Paulownia, Sabal, Salix, Tamarix, Tilia, Ulmus*
 *Hardwood Trees: *Acer, Aleurites, Amelanchier, Betula, Carpinus, Carya, Castanopsis, Cornus, Crataegus, Diospyros, Eucalyptus, Fagus, Ilex, Juglans, Lithocarpus, Malus, Melia, Morus, Prunus, Quercus, Sapium, Sorbus, Vaccinium*