**National Priority Plant Pests (2024) and their supporting national action plans**

| **Ranking** | **Pest/pest group** | **Scientific name** | **Common name** | **National action plan** |
| --- | --- | --- | --- | --- |
|  | *Xylella*and exotic vectors | Bacterial pathogens of the *Xylella* genus | Pierce's disease | *Xylella* |
| California vine disease  |
| Anaheim disease (in grapevine) |
| Dwarf (in lucerne) |
| Phony disease (in peach) |
| Leaf scald (in plum) |
| Leaf scorch (in coffee, almond, blueberry, oleander, elm, oak, plane, mulberry, maple) |
| Variegated chlorosis (in citrus) |
| Wilt (in periwinkle) |
| *Acrogonia citrina* (vector) | Sharpshooter leafhopper |
| *Acrogonia terminalis* (vector) | No common name |
| *Cicadella viridis* (vector) | Green leafhopper |
| *Dilobopterus costalimai* (vector) | No common name |
| *Draeculacephala minerva* (vector) | Green sharpshooter, grass sharpshooter |
| *Graphocephala atropunctata* (vector) | Blue-green sharpshooter |
| *Homalodisca vitripennis* (vector) | Glassy winged sharpshooter |
| *Oncometopia fascialis* (vector) | No common name |
| *Philaenus spumarius* (vector) | Meadow spittlebug, meadow froghopper |
| *Xyphon fulgidum* (vector) | Redheaded sharpshooter |
|  | Khapra beetle | *Trogoderma granarium* | Khapra beetle | Khapra beetle |
|  | Spotted wing drosophila | *Drosophila suzukii* | Spotted wing drosophila | Spotted wing drosophila |
|  | Fruit flies (exotic) | High priority |  | Exotic fruit flies |
| *Anastrepha ludens* | Mexican fruit fly |
| *Bactrocera carambolae* | Carambola fruit fly |
| *Bactrocera dorsalis* | Oriental fruit fly |
| *Bactrocera trivialis* | New Guinea fruit fly |
| *Ceratitis capitata\** | Mediterranean fruit fly |
| *Zeugodacus cucurbitae* | Melon fly |
| Medium priority |  |
| *Bactrocera frauenfeldi\** | Mango fruit fly |
| *Bactrocera correcta* | Guava fruit fly |
| *Bactrocera kirki* | No common name |
| *Bactrocera latifrons* | Solanum fruit fly |
| *Bactrocera tsuneonis* | Citrus fruit fly, Japanese orange fly |
| *Bactrocera zonata* | Peach fruit fly |
| *Zeugodacus tau* | No common name |
|  | Karnal bunt | *Tilletia indica* | Karnal bunt | Broadacre crops |
|  | Huanglongbing and vectors | *'Candidatus*Liberibacter africanus*'* | Huanglongbing | Horticultural crops |
| *'Candidatus*Liberibacter americanus*'* | Huanglongbing / Greening of citrus |
| *'Candidatus*Liberibacter asiaticus*' #* | Huanglongbing / Brazilian citrus greening |
| *Diaphorina citri*(vector) | Asian citrus psyllid |
| *Trioza erytreae*(vector) | African citrus psyllid |
|  | Spongy moth | *Lymantria dispar* and sub-species | Exotic spongy moth | Hitchhiker pests |
| *Lymantria dispar* *asiatica* | Asian spongy moth |
| *Lymantria dispar dispar* | Nth American/European spongy moth |
| *Lymantria dispar japonica* | Japanese spongy moth |
| *Lymantria monachal* | Nun moth |
|  | Stink bugs | *Halyomorpha halys* | Brown marmorated stink bug (BMSB) | Hitchhiker pests |
| *Erthesina fullo* | Yellow-spotted stink bug (YSSB) |
|  | Mites of bees (*Apis*spp*.*) | *Acarapis woodi* | Tracheal mite (internal) | Hitchhiker pests |
| *Tropilaelaps clareae* | Tropilaelaps mite (external) |
| *Tropilaelaps mercedesae* | Tropilaelaps mite (external) |
| *Varroa jacobsoni* | Varroa mite (external) |
| *Varroa destructor* (including exotic haplotype)*\** | Varroa mite (external) |
|  | Myrtle (eucalyptus) rust (exotic strains) | *Austropuccinia psidii* (exotic strains)*#*  | Myrtle rust | Trees and timber  |
|  | Banana phytoplasma diseases& | *‘Candidatus*Phytoplasma asteris*’* | Banana wilt, Banana Elephantiasis Disease (BED) Banana wilt associated phytoplasma, Bogia coconut syndrome | Horticultural crops |
| *‘Candidatus* Phytoplasma novoguineense’ | Banana wilt, Banana Elephantiasis Disease |
|  | Barley stripe rust (exotic strains) | *Puccinia striiformis*f. sp.*hordei*(exotic strains) | Barley stripe rust  | Broadacre crops |
|  | Bees*(Apis*spp.) (exotic species) | *Apis cerana*(exotic)*\** | Asian honeybee (exotic) | Hitchhiker pests |
| *Apis dorsata* | Giant honeybee |
| *Apis florea* | Dwarf honeybee |
| *Apis mellifera capensis* | Cape honeybee |
| *Apis mellifera scutellata* | African honeybee |
| *Apis mellifera scutellata*(hybrid) | Africanised honeybee |
|  | Blood disease and Moko disease of bananas | *Ralstonia syzygii* subsp. *celebesensis* | Banana blood disease | Horticultural crops |
| *Ralstonia solanacearum*(Moko strains) | Moko disease |
|  | *Begomovirus* and vectors (exotic strains and species) | *Begomovirus* (exotic)*#* | Begomovirus (exotic) | Horticultural crops |
| *Bemisia tabaci*(exotic, vector) | Silver leaf whitefly |
|  | *Bursaphelenchus*spp. and exotic sawyer beetle vectors | *Bursaphelenchus cocophilus* | Red ring disease (nematode) | Trees and timber |
| *Bursaphelenchus xylophilus* | Pine wilt nematode |
| *Monochamus*spp. (vector) | Sawyer beetles  |
|  | ‘*Candidatus* Liberibacter solanacearum’ complex | *‘Candidatus*Liberibacter solanacearum’ (and other strains) complex# | Zebra chip, Psyllid yellows    | Horticultural crops |
| *Bactericera cockerelli* (vector of Haplotype A and B), (exotic)\* | Tomato/potato psyllid |
| *Bactericera trigonica* (vector of Haplotype D and E) | No common name |
| *Trioza apicalis*(vector of Haplotype C) | Carrot psyllid |
|  | Citrus canker | *Xanthomonas citri*subsp.*citri* | Citrus canker | Horticultural crops |
|  | Dutch elm disease | *Ophiostoma novo-ulmi* | Dutch elm disease | Trees and timber |
|  | Fire blight | *Erwinia amylovora* | Fire blight | Horticultural crops |
|  | Grape phylloxera | *Daktulosphaira vitifoliae\** | Grape phylloxera | Horticultural crops |
|  | Grapevine leaf rust | *Phakopsora euvitis* | Grapevine leaf rust | Horticultural crops |
|  | Invasive snails (exotic species)  | *Lissachatina fulica* | Giant African snail | Hitchhiker pests |
| *Monacha*spp. | No common name |
| *Massylaea*spp. | No common name |
| *Pomacea canaliculata* | Golden (or channelled) apple snail |
| *Caracollina* spp. | No common name |
|  | Longhorn beetles (*Anoplophora*spp.) (exotic species). | *Anoplophora chinensis* | Black & white citrus longhorn | Trees and timber |
| *Anoplophora glabripennis* | Asian longhorn beetle |
| *Anoplophora malasiaca* | White-spotted longhorn beetle |
|  | Panama disease | *Fusarium oxysporum* f. sp*. cubense*Tropical Race 4\* | Panama disease Tropical Race 4  | Horticultural crops |
|  | Phytoplasmas 16Srl group | *Phytoplasmas 16Srl group* | Phytoplasmas 16Srl group (aster yellows group) | Horticultural crops |
|  | Pine pitch canker | *Fusarium circinatum* | Pine pitch canker | Trees and timber |
|  | Plum pox virus | *Plum pox virus* | Sharka | Horticultural crops |
|  | Potato cyst nematode (exotic strains) | *Globodera*spp. (exotic strains) | Potato cyst nematode (golden, white, or pale) | Horticultural crops |
| Globodera pallida | Pale potato cyst nematode |
| *Globodera rostochiensis (exotic strains) #* | Golden potato cyst nematode |
|  | Potato late blight (exotic strains) | *Phytophthora infestans*(exotic strains) *#* | Potato late blight | Horticultural crops |
|  | Southern armyworm  | *Spodoptera eridania* | Southern armyworm | Broadacre crops |
|  | Spotted lanternfly | *Lycorma delicatula* | Spotted lanternfly | Hitchhiker pests |
|  | Stem borers of sugarcane and cereals (*Chilo*spp.) (exotic species) | *Chilo auricilius* | Sugarcane stalk borer | Broadacre crops |
| *Chilo infuscatellus* | Yellow top borer of sugarcane |
| *Chilo orichalcociliella* | Coastal stem borer |
| *Chilo partellus* | Spotted stem borer |
| *Chilo polychrysus* | Dark headed striped borer |
| *Chilo sacchariphagus* | Spotted sugarcane borer |
| *Chilo terrenellus* | Sugarcane stem borer |
| *Chilo tumidicostalis* | Spotted sugar cane stem borer |
| *Eldana saccharina* | African sugarcane stalk borer |
| *Sesamia grisescens* | Pink stalk borer |
| *Scirpophaga excerptalis* | Top borer |
|  | Sudden oak death (airborne*Phytophthora*spp.) | *Phytophthora kernoviae*  | Phytophthora blight | Trees and timber |
| *Phytophthora ramorum* | Sudden oak death |
|  | Texas root rot | *Phymatotrichopsis omnivora* | Texas root rot | Broadacre crops |
|  | Tobamoviruses (exotic strains) | *Cucumber fruit mottle mosaic virus* | CFMMV | Horticultural crops |
| *Cucumber green mottle mosaic virus\** | CGMMV |
| *Cucumber mottle virus* | CMoV/CuMoV |
| *Kyuri green mottle mosaic virus* | KGMMV |
| *Potato 14R virus* | Potato 14R virus |
| *Ribgrass mosaic virus* | RMV |
| *Tobacco mosaic virus – potato strain* | TMV-P |
| *Tomato brown rugose fruit virus* | ToBRFV |
| *Tomato mottle mosaic virus* | ToMMV |
| *Turnip-vein clearing virus* | TVCV |
| *Wasabi mottle virus* | WMoV |
| *Youcai mosaic virus* | YoMV |
| *Zucchini green mottle mosaic virus* | ZGMMV |
|  | Ug99 wheat stem rust | *Puccinia graminis*f. sp*. tritici*(exotic strains) | Ug99 | Broadacre crops |

Legend:

\* Present in Australia (including external territories)
# Strains and biotypes present in Australia
& Species within the genus present in Australia