

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

Ranking	Pest/pest group	Scientific name	Common name	National action plan
1.	Xylella and exotic vectors	Bacterial pathogens of the <i>Xylella</i> genus	Pierce's disease	<i>Xylella</i>
			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)		
		<i>Acrogonia citrina</i> (vector)	Sharpshooter leafhopper	
		<i>Acrogonia terminalis</i> (vector)	No common name	
		<i>Cicadella viridis</i> (vector)	Green leafhopper	
		<i>Dilobopterus costalimai</i> (vector)	No common name	
		<i>Draeculacephala minerva</i> (vector)	Green sharpshooter, grass sharpshooter	
<i>Graphocephala atropunctata</i> (vector)	Blue-green sharpshooter			
<i>Homalodisca vitripennis</i> (vector)	Glassy winged sharpshooter			
<i>Oncometopia fascialis</i> (vector)	No common name			
<i>Philaenus spumarius</i> (vector)	Meadow spittlebug, meadow froghopper			
<i>Xyphon fulgidum</i> (vector)	Redheaded sharpshooter			
2.	Khapra beetle	<i>Trogoderma granarium</i>	Khapra beetle	Khapra beetle
3.	Spotted wing drosophila	<i>Drosophila suzukii</i>	Spotted wing drosophila	Spotted wing drosophila
4.	Fruit flies (exotic)	High priority		Exotic fruit flies
		<i>Anastrepha ludens</i>	Mexican fruit fly	
		<i>Bactrocera carambolae</i>	Carambola fruit fly	
		<i>Bactrocera dorsalis</i>	Oriental fruit fly	
		<i>Bactrocera trivialis</i>	New Guinea fruit fly	
		<i>Ceratitis capitata</i> *	Mediterranean fruit fly	
		<i>Zeugodacus cucurbitae</i>	Melon fly	
		Medium priority		
		<i>Bactrocera frauenfeldi</i> *	Mango fruit fly	
		<i>Bactrocera correcta</i>	Guava fruit fly	
		<i>Bactrocera kirki</i>	No common name	
		<i>Bactrocera latifrons</i>	Solanum fruit fly	
		<i>Bactrocera tsuneonis</i>	Citrus fruit fly, Japanese orange fly	
		<i>Bactrocera zonata</i>	Peach fruit fly	
<i>Zeugodacus tau</i>	No common name			

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5.	Karnal bunt	<i>Tilletia indica</i>	Karnal bunt	Broadacre crops
6.	Huanglongbing and vectors	' <i>Candidatus Liberibacter africanus</i> '	Huanglongbing	Horticultural crops
		' <i>Candidatus Liberibacter americanus</i> '	Huanglongbing / Greening of citrus	
		' <i>Candidatus Liberibacter asiaticus</i> ' <sup>#</sup>	Huanglongbing / Brazilian citrus greening	
		<i>Diaphorina citri</i> (vector)	Asian citrus psyllid	
		<i>Trioza erytreae</i> (vector)	African citrus psyllid	
7.	Spongy moth	<i>Lymantria dispar</i> and sub-species	Exotic spongy moth	Hitchhiker pests
		<i>Lymantria dispar asiatica</i>	Asian spongy moth	
		<i>Lymantria dispar dispar</i>	Nth American/European spongy moth	
		<i>Lymantria dispar japonica</i>	Japanese spongy moth	
		<i>Lymantria monachal</i>	Nun moth	
8.	Stink bugs	<i>Halyomorpha halys</i>	Brown marmorated stink bug (BMSB)	Hitchhiker pests
		<i>Erthesina fullo</i>	Yellow-spotted stink bug (YSSB)	
9.	Mites of bees ( <i>Apis</i> spp.)	<i>Acarapis woodi</i>	Tracheal mite (internal)	Hitchhiker pests
		<i>Tropilaelaps clareae</i>	Tropilaelaps mite (external)	
		<i>Tropilaelaps mercedesae</i>	Tropilaelaps mite (external)	
		<i>Varroa jacobsoni</i>	Varroa mite (external)	
		<i>Varroa destructor</i> (including exotic haplotype)*	Varroa mite (external)	
10.	Myrtle (eucalyptus) rust (exotic strains)	<i>Austropuccinia psidii</i> (exotic strains) <sup>#</sup>	Myrtle rust	Trees and timber
	Banana phytoplasma diseases <sup>&amp;</sup>	' <i>Candidatus Phytoplasma asteris</i> '	Banana wilt, Banana Elephantiasis Disease (BED) Banana wilt associated phytoplasma, Bogia coconut syndrome	Horticultural crops
		' <i>Candidatus Phytoplasma novoguineense</i> '	Banana wilt, Banana Elephantiasis Disease	
	Barley stripe rust (exotic strains)	<i>Puccinia striiformis</i> f. sp. <i>hordei</i> (exotic strains)	Barley stripe rust	Broadacre crops
	Bees ( <i>Apis</i> spp.) (exotic species)	<i>Apis cerana</i> (exotic)*	Asian honeybee (exotic)	Hitchhiker pests
		<i>Apis dorsata</i>	Giant honeybee	
		<i>Apis florea</i>	Dwarf honeybee	
		<i>Apis mellifera capensis</i>	Cape honeybee	
		<i>Apis mellifera scutellata</i>	African honeybee	
		<i>Apis mellifera scutellata</i> (hybrid)	Africanised honeybee	
	Blood disease and Moko disease of bananas	<i>Ralstonia syzygii</i> subsp. <i>celebesensis</i>	Banana blood disease	Horticultural crops
		<i>Ralstonia solanacearum</i> (Moko strains)	Moko disease	
	<i>Begomovirus</i> and vectors (exotic strains and species)	<i>Begomovirus</i> (exotic) <sup>#</sup>	<i>Begomovirus</i> (exotic)	Horticultural crops
		<i>Bemisia tabaci</i> (exotic, vector)	Silver leaf whitefly	
	<i>Bursaphelenchus</i> spp. and exotic sawyer beetle vectors	<i>Bursaphelenchus cocophilus</i>	Red ring disease (nematode)	Trees and timber
		<i>Bursaphelenchus xylophilus</i>	Pine wilt nematode	
		<i>Monochamus</i> spp. (vector)	Sawyer beetles	

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	'Candidatus Liberibacter solanacearum' complex	'Candidatus Liberibacter solanacearum' (and other strains) complex <sup>#</sup>	Zebra chip, Psyllid yellows	Horticultural crops
		<i>Bactericera cockerelli</i> (vector of Haplotype A and B), (exotic)*	Tomato/potato psyllid	
		<i>Bactericera trigonica</i> (vector of Haplotype D and E)	No common name	
		<i>Trioza apicalis</i> (vector of Haplotype C)	Carrot psyllid	
	Citrus canker	<i>Xanthomonas citri</i> subsp. <i>citri</i>	Citrus canker	Horticultural crops
	Dutch elm disease	<i>Ophiostoma novo-ulmi</i>	Dutch elm disease	Trees and timber
	Fire blight	<i>Erwinia amylovora</i>	Fire blight	Horticultural crops
	Grape phylloxera	<i>Daktulosphaira vitifoliae</i> *	Grape phylloxera	Horticultural crops
	Grapevine leaf rust	<i>Phakopsora euvitis</i>	Grapevine leaf rust	Horticultural crops
	Invasive snails (exotic species)	<i>Lissachatina fulica</i>	Giant African snail	Hitchhiker pests
		<i>Monacha</i> spp.	No common name	
		<i>Massylaea</i> spp.	No common name	
		<i>Pomacea canaliculata</i>	Golden (or channelled) apple snail	
		<i>Caracollina</i> spp.	No common name	
	Longhorn beetles ( <i>Anoplophora</i> spp.) (exotic species).	<i>Anoplophora chinensis</i>	Black & white citrus longhorn	Trees and timber
		<i>Anoplophora glabripennis</i>	Asian longhorn beetle	
		<i>Anoplophora malasiaca</i>	White-spotted longhorn beetle	
	Panama disease	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4*	Panama disease Tropical Race 4	Horticultural crops
	Phytoplasmas 16Srl group	<i>Phytoplasmas 16Srl group</i>	Phytoplasmas 16Srl group (aster yellows group)	Horticultural crops
	Pine pitch canker	<i>Fusarium circinatum</i>	Pine pitch canker	Trees and timber
	Plum pox virus	<i>Plum pox virus</i>	Sharka	Horticultural crops
	Potato cyst nematode (exotic strains)	<i>Globodera</i> spp. (exotic strains)	Potato cyst nematode (golden, white, or pale)	Horticultural crops
		<i>Globodera pallida</i>	Pale potato cyst nematode	
		<i>Globodera rostochiensis</i> (exotic strains) <sup>#</sup>	Golden potato cyst nematode	
	Potato late blight (exotic strains)	<i>Phytophthora infestans</i> (exotic strains) <sup>#</sup>	Potato late blight	Horticultural crops
	Southern armyworm	<i>Spodoptera eridania</i>	Southern armyworm	Broadacre crops
	Spotted lanternfly	<i>Lycorma delicatula</i>	Spotted lanternfly	Hitchhiker pests
		<i>Chilo auricilius</i>	Sugarcane stalk borer	Broadacre crops
		<i>Chilo infuscatellus</i>	Yellow top borer of sugarcane	

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	Stem borers of sugarcane and cereals ( <i>Chilo</i> spp.) (exotic species)	<i>Chilo orichalcociliella</i>	Coastal stem borer	
		<i>Chilo partellus</i>	Spotted stem borer	
		<i>Chilo polychrysus</i>	Dark headed striped borer	
		<i>Chilo sacchariphagus</i>	Spotted sugarcane borer	
		<i>Chilo terrenellus</i>	Sugarcane stem borer	
		<i>Chilo tumidicostalis</i>	Spotted sugar cane stem borer	
		<i>Eldana saccharina</i>	African sugarcane stalk borer	
		<i>Sesamia griseascens</i>	Pink stalk borer	
		<i>Scirpophaga excerptalis</i>	Top borer	
	Sudden oak death (airborne <i>Phytophthora</i> spp.)	<i>Phytophthora kernoviae</i>	Phytophthora blight	Trees and timber
		<i>Phytophthora ramorum</i>	Sudden oak death	
	Texas root rot	<i>Phymatotrichopsis omnivora</i>	Texas root rot	Broadacre crops
	Tobamoviruses (exotic strains)	<i>Cucumber fruit mottle mosaic virus</i>	CFMMV	Horticultural crops
		<i>Cucumber green mottle mosaic virus</i> *	CGMMV	
		<i>Cucumber mottle virus</i>	CMoV/CuMoV	
		<i>Kyuri green mottle mosaic virus</i>	KGMMV	
		<i>Potato 14R virus</i>	Potato 14R virus	
		<i>Ribgrass mosaic virus</i>	RMV	
		<i>Tobacco mosaic virus – potato strain</i>	TMV-P	
		<i>Tomato brown rugose fruit virus</i>	ToBRFV	
		<i>Tomato mottle mosaic virus</i>	ToMMV	
		<i>Turnip-vein clearing virus</i>	TVCV	
		<i>Wasabi mottle virus</i>	WMoV	
		<i>Youcai mosaic virus</i>	YoMV	
	<i>Zucchini green mottle mosaic virus</i>	ZGMMV		
	Ug99 wheat stem rust	<i>Puccinia graminis</i> f. sp. <i>tritici</i> (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