ANNEX II

List of Union quarantine pests and their respective codes

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PART A

PESTS NOT KNOWN TO OCCUR IN THE UNION TERRITORY

	Quarantine Pests and their codes assigned by EPPO
	A. Bacteria
1.	Candidatus Liberibacter africanus [LIBEAF]
2.	Candidatus Liberibacter americanus [LIBEAM]
3.	Candidatus Liberibacter asiaticus [LIBEAS]
4.	Curtobacterium flaccumfaciens pv. flaccumfaciens (Hedges) Collins and Jones [CORBFL]
5.	Pantoea stewartii subsp. stewartii (Smith) Mergaert, Verdonck & Kersters [ERWIST]



6.	Ralstonia pseudosolanacearum Safni et al. [RALSPS]
7.	Ralstonia syzygii subsp. celebesensis Safni et al. [RALSSC]
8.	Ralstonia syzygii subsp. indonesiensis Safni et al.[RALSSI]
9.	Xanthomonas oryzae pv. oryzae (Ishiyama) Swings et al. [XANTOR]
10.	Xanthomonas oryzae pv. oryzicola (Fang et al.) Swings et al. [XANTTO]
11.	Xanthomonas citri pv. aurantifolii (Schaad et al.) Constantin et al. [XANTAU]
12.	Xanthomonas citri pv. citri (Hasse) Constantin et al. [XANTCI]
	B. Fungi and oomycetes
1.	Anisogramma anomala (Peck) E. Müller [CRSPAN]
2.	Apiosporina morbosa (Schwein.) Arx [DIBOMO]
3.	Atropellis spp. [1ATRPG]
4.	Botryosphaeria kuwatsukai (Hara) G.Y. Sun and E. Tanaka [PHYOPI]
5.	Bretziella fagacearum (Bretz) Z.W de Beer, T.A. Duong & M.J. Wingfield, comb. nov. [CERAFA]
6.	Chrysomyxa arctostaphyli Dietel [CHMYAR]
7.	Cronartium spp. [1CRONG], except Cronartium gentianeum, Cronartium pini (Willdenow) Jørstad [ENDCPI] and Cronartium ribicola Fischer [CRONRI].
8.	Davidsoniella virescens (R.W. Davidson) Z.W. de Beer, T.A. Duong & M.J. Wingfield [CERAVI]
9.	Elsinoë australis Bitanc. & Jenkins [ELSIAU]
10.	Elsinoë citricola X.L. Fan, R.W. Barreto & Crous [ELSICI]
11.	Elsinoë fawcettii Bitanc. & Jenkins [ELSIFA]
12.	Fusarium oxysporum f. sp. albedinis (Kill. & Maire) W.L. Gordon [FUSAAL]
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13.	Guignardia laricina (Sawada) W. Yamam& Kaz. Itô [GUIGLA]
14.	Gymnosporangium spp. [1GYMNG], except: Gymnosporangium amelanchieris E. Fisch. ex F. Kern, Gymnosporangium atlanticum Guyot & Malenc Bon, Gymnosporangium clavariiforme (Wulfen) DC [GYMNCF], Gymnosporangium confusum Plowr. [GYMNCO], Gymnosporangium cornutum Arthur ex F. Kern [GYMNCR], Gymnosporangium fusisporum E. Fisch., Gymnosporangium gaeumannii H. Zogg, Gymnosporangium gracile Pat., Gymnosporangium minus Crowell, Gymnosporangium orientale P. Syd. & Syd., Gymnosporangium sabinae (Dicks.) G. Winter [GYMNFU], Gymnosporangium torminali-juniperini E. Fisch., Gymnosporangium tremelloides R. Hartig [GYMNTR]
15.	Coniferiporia sulphurascens (Pilát) L.W. Zhou & Y.C. Dai [PHELSU]
16.	Coniferiporia weirii (Murrill) L.W. Zhou & Y.C. Dai [INONWE]
17.	Melampsora farlowii (Arthur) Davis [MELMFA]
18.	Melampsora medusae f. sp. tremuloidis Shain [MELMMT]
19.	Mycodiella laricis-leptolepidis (Kaz. Itô, K. Satô & M. Ota) Crous [MYCOLL]
20.	Phoma andina Turkensteen [PHOMAN]
21.	Phyllosticta citricarpa (McAlpine) Van der Aa [GUIGCI]
22.	Phyllosticta solitaria Ellis & Everhart [PHYSSL]
23.	Phymatotrichopsis omnivora (Duggar) Hennebert [PHMPOM]
24.	Phytophthora ramorum (non-EU isolates) Werres, De Cock & Man in 't Veld [PHYTRA]
25.	Pseudocercospora angolensis (T. Carvalho & O. Mendes) Crous & U. Braun [CERCAN]
26.	Pseudocercospora pini-densiflorae (Hori & Nambu) Deighton [CERSPD]
27.	Puccinia pittieriana Hennings [PUCCPT]
28.	Septoria malagutii E.T. Cline [SEPTLM]



29.	Sphaerulina musiva (Peck) Quaedvl, Verkley & Crous. [MYCOPP]
30.	Stegophora ulmea (Fr.) Syd. & P. Syd [GNOMUL]
31.	Thecaphora solani Thirumulachar & O'Brien) Mordue [THPHSO]
32.	Tilletia indica Mitra [NEOVIN]
33.	Venturia nashicola S. Tanaka & S. Yamamoto [VENTNA]
	C. Insects and mites
1.	Acleris spp. (non-European) [1ACLRG]
2.	Acrobasis pyrivorella (Matsumura) [NUMOPI]
3.	Agrilus anxius Gory [AGRLAX]
4.	Agrilus planipennis Fairmaire [AGRLPL]
5.	Aleurocanthus citriperdus Quaintance & Baker [ALECCT]
6.	Aleurocanthus woglumi Ashby [ALECWO]
7.	Amauromyza maculosa (Malloch) [AMAZMA]
8.	Anomala orientalis Waterhouse [ANMLOR]
9.	Anoplophora glabripennis (Motschulsky) [ANOLGL]
10.	Anthonomus bisignifer Schenkling [ANTHBI]
11.	Anthonomus eugenii Cano [ANTHEU]
12.	Anthonomus grandis (Boh.) [ANTHGR]
13.	Anthonomus quadrigibbus Say [TACYQU]

14.	Anthonomus signatus Say [ANTHSI]
15.	Arrhenodes minutus Drury [ARRHMI]
16.	Aschistonyx eppoi Inouye [ASCXEP]
17.	Bactericera cockerelli (Sulc.) [PARZCO]
18.	Bemisia tabaci Genn. (non-European populations) known to be vector of viruses [BEMITA]
19.	Carposina sasakii Matsumara [CARSSA]
20.	Choristoneura spp. (non-European) [1CHONG]
21.	Cicadellidae (non-European) [1CICDF] known to be vector of Xylella fastidiosa, such as: (a) Carneocephala fulgida Nottingham [CARNFU] (b) Draeculacephala minerva Ball [DRAEMI]; (c) Graphocephala atropunctata (Signoret) [GRCPAT]. (d) Homalodisca vitripennis (Germar) [HOMLTR]
22.	Conotrachelus nenuphar (Herbst) [CONHNE]
23.	Dendrolimus sibiricus Chetverikov [DENDSI]
24.	Diabrotica barberi Smith and Lawrence [DIABLO]
25.	Diabrotica undecimpunctata howardi Barber [DIABUH]
26.	Diabrotica undecimpunctata undecimpunctata Mannerheim [DIABUN]
27.	Diabrotica virgifera zeae Krysan & Smith [DIABVZ]
28.	Diaphorina citri Kuwayana [DIAACI]
29.	Eotetranychus lewisi (McGregor) [EOTELE]
30.	Grapholita inopinata (Heinrich) [CYDIIN]



31.	Grapholita packardi Zeller [LASPPA]
32.	Grapholita prunivora (Walsh) [LASPPR]
33.	Heliothis zea (Boddie) [HELIZE]
34.	Hishimonus phycitis (Distant) [HISHPH]
35.	Keiferia lycopersicella (Walsingham) [GNORLY]
36.	Lopholeucaspis japonica Cockerell [LOPLJA]
37.	Liriomyza sativae Blanchard [LIRISA]
38.	Listronotus bonariensis (Kuschel) [HYROBO]
39.	Margarodes, non-European species [1MARGG], such as: (a) Margarodes prieskaensis (Jakubski) [MARGPR]; (b) Margarodes vitis (Philippi) [MARGVI]; (c) Margarodes vredendalensis de Klerk [MARGVR].
40.	Monochamus spp. (non-European populations) [1MONCG]
41.	Myndus crudus van Duzee [MYNDCR]
42.	Naupactus leucoloma Boheman [GRAGLE]
43.	Neoleucinodes elegantalis (Guenée) [NEOLEL]
44.	Oemona hirta (Fabricius) [OEMOHI]
45.	Oligonychus perditus Pritchard and Baker [OLIGPD]
46.	Pissodes cibriani O'Brien
47.	Pissodes fasciatus Leconte [PISOFA]

48.	Pissodes nemorensis Germar [PISONE]
49.	Pissodes nitidus Roelofs [PISONI]
50.	Pissodes punctatus Langor & Zhang [PISOPU]
51.	Pissodes strobi (Peck) [PISOST]
52.	Pissodes terminalis Hopping [PISOTE]
53.	Pissodes yunnanensis Langor & Zhang [PISOYU]
54.	Pissodes zitacuarense Sleeper
55.	Polygraphus proximus Blandford [POLGPR]
56.	Premnotrypes spp. (non-European) [1PREMG]
57.	Pseudopityophthorus minutissimus (Zimmermann) [PSDPMI]
58.	Pseudopityophthorus pruinosus (Eichhoff) [PSDPPR]
59.	Rhizoecus hibisci Kawai and Takagi [RHIOHI]
60.	Rhynchophorus palmarum (L.) [RHYCPA]
61.	Saperda candida Fabricius [SAPECN]
62.	Scirtothrips aurantii Faure [SCITAU]
63.	Scirtothrips citri (Moulton) [SCITCI]
64.	Scirtothrips dorsalis Hood [SCITDO]



65.	Scolytidae spp. (non-European) [1SCOLF]
66.	Spodoptera eridania (Cramer) [PRODER]
67.	Spodoptera frugiperda (Smith) [LAPHFR]
68.	Spodoptera litura (Fabricus) [PRODLI]
69.	Tecia solanivora (Povolný) [TECASO]
70.	Tephritidae (non-European) [1TEPHF], such as: (a) Anastrepha fraterculus (Wiedemann) [ANSTFR]; (b) Anastrepha ludens (Loew) [ANSTLU]; (c) Anastrepha obliqua (Macquart) [ANSTOB]; (d) Anastrepha suspensa (Loew) [ANSTSU]; (e) Bactrocera dorsalis (Hendel) [DACUDO]; (f) Bactrocera tryoni (Froggatt) [DACUTR]; (g) Bactrocera tsuneonis (Miyake) [DACUTS]; (h) Bactrocera zonata (Saunders) [DACUZO]; (i) Dacus ciliatus Loew [DACUCI]; (j) Epochra canadensis (Loew) [EPOCCA]; (k) Pardalaspis cyanescens Bezzi [CERTCY]; (l) Pardalaspis quinaria Bezzi [CERTQU]; (m) Pterandrus rosa (Karsch) [CERTRO]; (n) Rhacochlaena japonica Ito [RHACJA]; (o) Rhagoletis fausta (Osten-Sacken) [RHAGFA]; (p) Rhagoletis indifferens Curran [RHAGME]; (r) Rhagoletis mendax Curran [RHAGME]; (r) Rhagoletis ribicola Doane [RHAGFO]; (s) Rhagoletis ribicola Doane [RHAGRI]; (t) Rhagoletis suavis (Loew) [RHAGSU]; (u) Zeugodacus cucurbitae (Coquillett) [DACUCU].
71.	Thaumatotibia leucotreta (Meyrick) [ARGPLE]
72.	Thrips palmi Karny [THRIPL]
73.	Unaspis citri (Comstock) [UNASCI]
	D. Nematodes
1.	Hirschmanniella spp. Luc & Goodey [1HIRSG], except: Hirschmanniella behningi (Micoletzky) Luc & Goodey [HIRSBE], Hirschmanniella gracilis (de Man) Luc & Goodey [HIRSGR], Hirschmanniella halophila Sturhan & Hall, Hirschmanniella loofi Sher [HIRSLO] and Hirschmanniella zostericola (Allgén) Luc & Goodey [HIRSZO]

2.	Longidorus diadecturus Eveleigh and Allen [LONGDI]
3.	Nacobbus aberrans (Thorne) Thorne and Allen [NACOBA]
4.	Xiphinema americanum Cobb sensu stricto [XIPHAA]
5.	Xiphinema bricolense Ebsary, Vrain & Graham [XIPHBC]
6.	Xiphinema californicum Lamberti & Bleve-Zacheo [XIPHCA]
7.	Xiphinema inaequale khan et Ahmad [XIPHNA]
8.	Xiphinema intermedium Lamberti & Bleve-Zacheo
9.	Xiphinema rivesi (non-EU populations) Dalmasso [XIPHRI]
10.	Xiphinema tarjanense Lamberti & Bleve-Zacheo [XIPHTA]
	E. Parasitic plants
1.	Arceuthobium spp. [1AREG], except: Arceuthobium azoricum Wiens & Hawksworth [AREAZ], Arceuthobium gambyi Fridl and Arceuthobium oxycedri DC. M. Bieb. [AREOX]
	F. Viruses, viroids and phytoplasmas
1.	Beet curly top virus [BCTV00]
2.	Black raspberry latent virus [TSVBL0]
3.	Coconut cadang-cadang viroid [CCCVD0]
4.	Chrysanthemum stem necrosis virus [CSNV00]
5.	Citrus tristeza virus (non-EU isolates) [CTV000]
6.	Citrus leprosis viruses [CILV00]: (a) CiLV-C [CILVC0]; (b) CiLV-C2 [CILVC2]; (c) HGSV-2 [HGSV20] (d) Citrus strain of OFV [OFV00] (citrus strain); (e) CiLV-N sensu novo.
7.	Palm lethal yellowing phytoplasmas [PHYP56]



8.	Potato viruses, viroids and phytoplasmas, such as: (a) Andean potato latent virus [APLV00]; (b) Andean potato mottle virus [APMOV0]; (c) Arracacha virus B, oca strain [AVBO00]; (d) Potato black ringspot virus [PBRSV0]; (e) Potato virus T [PVT000]; (f) Non-European isolates of potato viruses A, M, S, V, X and Y (including Y°, Y ⁿ and Y ^c) and Potato leafroll virus [PVA000, PVM000, PVS000, PVV000, PVY000 (including Y°, PVYN00, PVYC00)] and [PLRV00].
9.	Satsuma dwarf virus [SDV000]
10.	Tobacco ringspot virus [TRSV00]
11.	Tomato ringspot virus [TORSV0]
12.	Viruses, viroids and phytoplasmas of Cydonia Mill., Fragaria L., Malus Mill., Prunus L., Pyrus L., Ribes L., Rubus L. and Vitis L., such as: (a) Blueberry leaf mottle virus [BLMOV0]; (b) Cherry rasp leaf virus [CRLV00]; (c) Peach mosaic virus [PCMV00]; (d) Peach rosette mosaic virus [PRMV00]; (e) American plum line pattern virus [APLPV0]; (f) Raspberry leaf curl virus [RLCV00]; (g) Strawberry witches' broom phytoplasma [SYWB00]; (h) Non-European viruses, viroids and phytoplasmas of Cydonia Mill., Fragaria L., Malus Mill., Prunus L., Pyrus L., Ribes L., Rubus L. and Vitis L.
13.	Begomoviruses except: Abutilon mosaic virus [ABMV00], Sweet potato leaf curl virus [SPLCV0], Tomato leaf curl New Delhi Virus [TOLCND], Tomato yellow leaf curl virus [TYLCV0], Tomato yellow leaf curl Sardinia virus [TYLCSV], Tomato yellow leaf curl Malaga virus [TYLCMA], Tomato yellow leaf curl Axarquia virus [TYLCAX]
14.	Cowpea mild mottle virus [CPMMV0]
15.	Lettuce infectious yellows virus [LIYV00]
16.	Melon yellowing-associated virus [MYAV00]
17.	Squash vein yellowing virus [SQVYVX]
18.	Sweet potato chlorotic stunt virus [SPCSV0]
19.	Sweet potato mild mottle virus [SPMMV0]
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20.	Tomato chocolate virus [TOCHV0]
21.	Tomato marchitez virus [TOANV0]
22.	Tomato mild mottle virus [TOMMOV]
23.	Witches' broom disease of lime phytoplasma [PHYPAF]

PART B

PESTS KNOWN TO OCCUR IN THE UNION TERRITORY

	Quarantine Pests and their codes assigned by EPPO
	A. Bacteria
1.	Clavibacter sepedonicus (Spieckermann and Kottho) Nouioui et al. [CORBSE]
2.	Ralstonia solanacearum (Smith) Yabuuchi et al. emend. Safni et al. [RALSSL]
3.	Xylella fastidiosa (Wells et al.) [XYLEFA]
	B. Fungi and oomycetes
1.	Ceratocystis platani (J. M. Walter) Engelbr. & T. C. Harr [CERAFP]
2.	Fusarium circinatum Nirenberg & O'Donnell [GIBBCI]
3.	Geosmithia morbida Kolarík, Freeland, Utley & Tisserat [GEOHMO]
4.	Synchytrium endobioticum (Schilb.) Percival [SYNCEN]
	C. Insects and mites
1.	Aleurocanthus spiniferus (Quaintance) [ALECSN]
2.	Anoplophora chinensis (Thomson) [ANOLCN]
3.	Aromia bungii (Faldermann) [AROMBU]
4.	Pityophthorus juglandis Blackman [PITOJU]
5.	Popillia japonica Newman [POPIJA]



6.	Toxoptera citricida (Kirkaldy) [TOXOCI]
7.	Trioza erytreae Del Guercio [TRIZER]
D. Molluscs	
1.	Pomacea (Perry) [1POMAG]
E. Nematodes	
1.	Bursaphelenchus xylophilus (Steiner and Bührer) Nickle et al. [BURSXY]
2.	Globodera pallida (Stone) Behrens [HETDPA]
3.	Globodera rostochiensis (Wollenweber) Behrens [HETDRO]
4.	Meloidogyne chitwoodi Golden et al. [MELGCH]
5.	Meloidogyne fallax Karssen [MELGFA]
F. Viruses, viroids and phytoplasmas	
1.	Grapevine flavescence dorée phytoplasma [PHYP64]
2.	Tomato leaf curl New Delhi virus [TOLCND]