# Session Title: AutomationList

**Date created:** 12 February 2021

**Last modified:** 12 February 2021

**PRA Session:** P05187

### Details of Pathway

**Country/area of origin:**  India

**Importing country/area:**  Australia

**Crop(s):**  *Prunus persica* (peach)

**Commodity types(s):**  Leaves

### Details of PRA

|  |
| --- |
| Initiation and scope of the PRA |
| Airlines |
| **PRA Area** |
| India |
| **Do previous PRAs exist for this or a similar pathway?** |
| Yes |
| **Details of previous PRAs** |
| Abc |
| **Weed potential of the commodity** |
|  |
| **Description of the pathway** |
| commodity selected |
| **Volume/quantity of commodity** |
| 50 tns |

### Pests potentially requiring phytosanitary measures

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Type | Species | RS | CABI data modified by user? | Risk assessment | Pest requires phytosanitary measures? | Risk management |
| Arthropoda | Aleurocanthus woglumi (citrus blackfly) |  | N | Not started |  | N/A |
| Arthropoda | Anarsia lineatella (peach twig borer) |  | N | Not required |  | N/A |
| Arthropoda | Anomis mesogona |  | N | Not started |  | N/A |
| Arthropoda | Apate monachus (black borer) |  | Y | Completed | Y |  |
| Arthropoda | Asymmetrasca decedens |  | N | Not started |  | N/A |
| Arthropoda | Cossus cossus (carpenter moth) |  | N | Not started |  | N/A |
| Arthropoda | Drosophila suzukii (spotted wing drosophila) |  | N | Not started |  | N/A |
| Arthropoda | Eulecanium tiliae (nut scale) |  | N | Not started |  | N/A |
| Arthropoda | Frankliniella |  | N | Not started |  | N/A |
| Arthropoda | Frankliniella intonsa (thrips, flower) | 2 | Y | Not started |  | N/A |
| Arthropoda | Haptoncus luteolus |  | N | Not started |  | N/A |
| Arthropoda | Malacosoma indicum |  | N | Not started |  | N/A |
| Arthropoda | Mamestra brassicae (cabbage moth) |  | N | Not started |  | N/A |
| Arthropoda | Oraesia emarginata (fruit piercing moth) |  | N | Not started |  | N/A |
| Arthropoda | Parabemisia myricae (bayberry whitefly) |  | N | Not started |  | N/A |
| Arthropoda | Parlatoria oleae (olive scale) |  | N | Not started |  | N/A |
| Arthropoda | Psorosticha zizyphi (citrus leafroller) |  | N | Not started |  | N/A |
| Arthropoda | Pterochloroides persicae (peach black aphid) |  | N | Not started |  | N/A |
| Arthropoda | Tessaratoma papillosa (litchi stink bug) |  | N | Not started |  | N/A |
| Arthropoda | Tetranychus cinnabarinus (carmine spider mite) |  | N | Not started |  | N/A |
| Arthropoda | Tetranychus turkestani (strawberry, spider mite) |  | N | Not started |  | N/A |
| Arthropoda | Thyas juno |  | N | Not started |  | N/A |
| Arthropoda | Thyridopteryx ephemeraeformis (evergreen bagworm) |  | N | Not started |  | N/A |
| Arthropoda | Xestia c-nigrum (spotted cutworm) |  | N | Not started |  | N/A |
| Ascomycota | Aspergillus fumigatus |  | N | Not started |  | N/A |
| Ascomycota | Diplocarpon maculatum (black spot: pear) |  | N | Not started |  | N/A |
| Ascomycota | Epicoccum nigrum (red blotch of grains) |  | N | Not started |  | N/A |
| Ascomycota | Mycosphaerella tassiana (antagonist of Botrytis cinerea) |  | N | Not started |  | N/A |
| Ascomycota | Pestalotia disseminata (leaf spot: Eucalyptus spp.) |  | N | Not started |  | N/A |
| Ascomycota | Phoma glomerata (blight: grapevine) |  | N | Not started |  | N/A |
| Ascomycota | Phoma pomorum (leaf spot: apple) |  | N | Not started |  | N/A |
| Ascomycota | Stigmina carpophila (gumspot of stone fruit) |  | N | Not started |  | N/A |
| Ascomycota | Trichothecium roseum (fruit rot of tomato) |  | N | Not started |  | N/A |
| Ascomycota | Venturia carpophila (almond scab) |  | N | Not started |  | N/A |
| Basidiomycota | Trametes versicolor (wood decay) |  | N | Not started |  | N/A |
| Basidiomycota | Tranzschelia pruni-spinosae (plum rust) |  | N | Not started |  | N/A |
| Firmicutes | Candidatus Phytoplasma asteris (yellow disease phytoplasmas) |  | N | Not started |  | N/A |
| Firmicutes | Phytoplasma pruni (peach X-disease) |  | N | Not started |  | N/A |
| Firmicutes | Phytoplasma ziziphi |  | N | Not started |  | N/A |
| Oomycota | Phytophthora meadii (rubber leaf drop) |  | N | Not started |  | N/A |
| Spermatophyta | Cuscuta reflexa (dodder) |  | N | Not started |  | N/A |
| Virus | Apple scar skin viroid (apple dimple) |  | N | Not started |  | N/A |
| Virus | Plum pox virus (sharka) |  | N | Not started |  | N/A |
| Virus | Strawberry latent ringspot virus (latent ring spot of strawberry) |  | N | Not started |  | N/A |
| Virus | Tobacco mosaic virus (tobacco mosaic) |  | N | Not started |  | N/A |
| Virus | Tomato black ring virus (ring spot of beet) |  | N | Not started |  | N/A |
| Virus | Tomato ringspot virus (ringspot of tomato) |  | N | Not started |  | N/A |
| Zygomycota | Rhizopus arrhizus (barn rot of tobacco) |  | N | Not started |  | N/A |

**Regulatory status (RS)**

1. Quarantine pest, absent from the country/area

2. Quarantine pest, present in the country/area but not widely distributed and under official control

3. Regulated non-quarantine pest, present in the country/area but whose presence in plants for planting affects its intended use

4. Pest requiring phytosanitary measures (not yet officially listed)

See full pest list in Appendix I

A rapid assessment may have been conducted to determine whether a full risk assessment is required. The results of the rapid assessment are included in Appendix II(b)

#### Modified pest records, excluded from the assessment

**Species:** Dysaphis plantaginea (rosy apple aphid)  
**Modification:** Don't have this at present.  
**Notes & references:**

**Last edited:** 12 February 2021

### Individual risk assessments

**Species: Apate monachus (black borer)**

**Probability of entry**

**What is the probability of the pest being associated with the commodity at origin?**

**Rating:** Medium

**Confidence:** Medium

**Modification:**

**Last edited:** 12 February 2021

**Probability of entry summary**

**Rating:** None

**Confidence:** None

**Summary note:**

[To be completed]

**Last edited:** 12 February 2021

**Probability of establishment**

**If transmitted by vectors, what is the probability that suitable vectors are available in the PRA area?**

**Rating:** Low

**Confidence:** Low

**Modification:**

**Last edited:** 12 February 2021

**Probability of establishment summary**

**Rating:** None

**Confidence:** None

**Summary note:**

[To be completed]

**Last edited:** 12 February 2021

**Probability of spread**

**What is the expected rate of spread with commodities or conveyances in the PRA area?**

**Rating:** Low

**Confidence:** Medium

**Modification:**

**Last edited:** 12 February 2021

**Probability of spread summary**

**Rating:** None

**Confidence:** None

**Summary note:**

[To be completed]

**Last edited:** 12 February 2021

**Potential consequences**

**What is the level of economic loss to agriculture, forestry or horticulture associated with this pest in its existing geographic range?**

**Rating:** Low

**Confidence:** Medium

**Modification:**

The following summary is from the Crop Protection Compendium datasheet (12/02/2021)  
  
A. monachus is considered a pest with secondary economic impact and is not usually a serious pest of growing trees. It can be a destructive pest of coffee, but does not usually affect many trees. Crop losses caused by this species are difficult to assess, because damage is always localized, frequently occurring in several trees or a single plantation.Chararas and Balachowsky (1962) reported that A. monachus is a localized pest of numerous crops in Central Africa (Congo, Guinea), the Antilles and south Mediterranean countries, but that no attempt had been made to estimate crop losses on coffee or cocoa due to a lack of reliable data.

**Last edited:** 12 February 2021

**Potential consequences summary**

**Rating:** None

**Confidence:** None

**Summary note:**

[To be completed]

**Last edited:** 12 February 2021

**Does this pest require phytosanitary measures? Yes**

**----------------------------------------------------------------**

#### List of pests requiring phytosanitary measures

|  |  |  |
| --- | --- | --- |
| Preferred scientific name | Preferred common name | Risk management completed (Y/N) |
| Apate monachus | black borer | N |

### Risk management measures

**Species: Apate monachus (black borer)**

#### **At the place of production**

**Inspection or testing**

**Note:**

xyz

**Last edited:** 12 February 2021

### Management summary

#### At the place of production

Inspection or testing

|  |  |
| --- | --- |
| Pest | Notes |
| Apate monachus (black borer) | xyz |

#### PRA Summary

[To be completed]

#### Next steps

[To be completed]

#### Contact Details

[To be completed]

### References

### Appendix I Full Pest List

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type | Preferred scientific name | Preferred common name | On crop | On commodity type | Country / area of origin | Importing country / area | Regulatory status | Included in the assessment? |
| Arthropoda | Agrotis ipsilon | black cutworm | Yes | ? | Present | Present |  | No |
| Arthropoda | Aleurocanthus woglumi | citrus blackfly | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Anarsia lineatella | peach twig borer | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Anomis mesogona |  | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Aonidiella citrina | yellow scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Aonidiella orientalis | oriental yellow scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Apate monachus | black borer | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Aphis gossypii | cotton aphid | Yes | Yes | Present | Present |  | No |
| Arthropoda | Aphis spiraecola | Spirea aphid | Yes | Yes | Present | Present |  | No |
| Arthropoda | Apomyelois ceratoniae | blunt-winged knot-horn | Yes | ? | Present | Present |  | No |
| Arthropoda | Aspidiotus destructor | coconut scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Asymmetrasca decedens |  | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Atherigona orientalis | pepper fruit fly | Yes | Yes | Present | Present |  | No |
| Arthropoda | Bactrocera cucurbitae | melon fly | Yes | Yes | Present | Present |  | No |
| Arthropoda | Bemisia tabaci | tobacco whitefly | Yes | ? | Present | Present |  | No |
| Arthropoda | Brachycaudus helichrysi | leaf-curling plum aphid | Yes | ? | Present | Present |  | No |
| Arthropoda | Brevipalpus phoenicis | false spider mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Bryobia rubrioculus | brown apple mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Carpophilus mutilatus | flower beetle | Yes | ? | Present | Present |  | No |
| Arthropoda | Ceroplastes floridensis | soft scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Conogethes punctiferalis | castor capsule borer | Yes | ? | Present | Present |  | No |
| Arthropoda | Cossus cossus | carpenter moth | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Diaspidiotus ostreaeformis | pear oyster scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Diaspidiotus perniciosus | San José scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Drosophila suzukii | spotted wing drosophila | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Dysaphis plantaginea | rosy apple aphid | Yes | Yes | Absent | Absent |  | No |
| Arthropoda | Eudocima fullonia | fruit-piercing moth | Yes | ? | Present | Present |  | No |
| Arthropoda | Eulecanium tiliae | nut scale | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Eutetranychus orientalis | Citrus brown mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Frankliniella |  | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Frankliniella intonsa | thrips, flower | Yes | ? | Present | Absent | 2 | Yes |
| Arthropoda | Frankliniella occidentalis | western flower thrips | Yes | Yes | Present | Present |  | No |
| Arthropoda | Frankliniella schultzei | cotton thrips | Yes | ? | Present | Present |  | No |
| Arthropoda | Haplothrips gowdeyi | gold-tipped tubular thrips | Yes | ? | Present | Present |  | No |
| Arthropoda | Haptoncus luteolus |  | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Hyalopterus pruni | mealy plum aphid | Yes | ? | Present | Present |  | No |
| Arthropoda | Icerya seychellarum | Seychelles scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Malacosoma indicum |  | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Mamestra brassicae | cabbage moth | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Myzus persicae | green peach aphid | Yes | ? | Present | Present |  | No |
| Arthropoda | Nezara viridula | green stink bug | Yes | ? | Present | Present |  | No |
| Arthropoda | Oraesia emarginata | fruit piercing moth | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Panonychus citri | citrus red mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Panonychus ulmi | European red spider mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Parabemisia myricae | bayberry whitefly | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Parlatoria oleae | olive scale | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Parthenolecanium corni | European fruit lecanium | Yes | ? | Present | Present |  | No |
| Arthropoda | Parthenolecanium persicae | peach scale | Yes | Yes | Present | Present |  | No |
| Arthropoda | Pseudaulacaspis pentagona | mulberry scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Pseudococcus longispinus | long-tailed mealybug | Yes | ? | Present | Present |  | No |
| Arthropoda | Psorosticha zizyphi | citrus leafroller | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Pterochloroides persicae | peach black aphid | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Saissetia coffeae | hemispherical scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Scirtothrips dorsalis | chilli thrips | Yes | ? | Present | Present |  | No |
| Arthropoda | Spodoptera frugiperda | fall armyworm | Yes | Yes | Present | Present |  | No |
| Arthropoda | Tessaratoma papillosa | litchi stink bug | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Tetranychus cinnabarinus | carmine spider mite | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Tetranychus fijiensis |  | Yes | ? | Present | Present |  | No |
| Arthropoda | Tetranychus kanzawai | kanzawa spider mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Tetranychus turkestani | strawberry, spider mite | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Tetranychus urticae | two-spotted spider mite | Yes | Yes | Present | Present |  | No |
| Arthropoda | Thyas juno |  | Yes | ? | Present | Absent |  | Yes |
| Arthropoda | Thyridopteryx ephemeraeformis | evergreen bagworm | Yes | Yes | Present | Absent |  | Yes |
| Arthropoda | Urophorus humeralis | pineapple sap beetle | Yes | ? | Present | Present |  | No |
| Arthropoda | Xestia c-nigrum | spotted cutworm | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Alternaria alternata | alternaria leaf spot | Yes | ? | Present | Present |  | No |
| Ascomycota | Aspergillus fumigatus |  | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Aspergillus terreus |  | Yes | ? | Present | Present |  | No |
| Ascomycota | Botryosphaeria dothidea | canker of almond | Yes | ? | Present | Present |  | No |
| Ascomycota | Botryosphaeria stevensii | Botryosphaeria disease, grapevine | Yes | Yes | Present | Present |  | No |
| Ascomycota | Botryotinia fuckeliana | grey mould-rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Ceratocystis fimbriata | Ceratocystis blight | Yes | Yes | Present | Present |  | No |
| Ascomycota | Colletotrichum acutatum | black spot of strawberry | Yes | Yes | Present | Present |  | No |
| Ascomycota | Colletotrichum truncatum | soyabean anthracnose | Yes | Yes | Present | Present |  | No |
| Ascomycota | Diaporthe eres | apple leaf, branch and fruit fungus | Yes | ? | Present | Present |  | No |
| Ascomycota | Diplocarpon maculatum | black spot: pear | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Diplodia seriata | grapevine trunk disease | Yes | Yes | Present | Present |  | No |
| Ascomycota | Epicoccum nigrum | red blotch of grains | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Glomerella cingulata | anthracnose | Yes | Yes | Present | Present |  | No |
| Ascomycota | Lasiodiplodia theobromae | diplodia pod rot of cocoa | Yes | Yes | Present | Present |  | No |
| Ascomycota | Macrophomina phaseolina | charcoal rot of bean/tobacco | Yes | Yes | Present | Present |  | No |
| Ascomycota | Monilinia fructicola | brown rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Monilinia fructigena | brown rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Monilinia laxa | blossom blight | Yes | Yes | Present | Present |  | No |
| Ascomycota | Mycosphaerella tassiana | antagonist of Botrytis cinerea | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Penicillium expansum | blue mould of stored apple | Yes | ? | Present | Present |  | No |
| Ascomycota | Pestalotia disseminata | leaf spot: Eucalyptus spp. | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Phoma glomerata | blight: grapevine | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Phoma pomorum | leaf spot: apple | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Podosphaera tridactyla | powdery mildew of apricot | Yes | ? | Present | Present |  | No |
| Ascomycota | Sclerotinia sclerotiorum | cottony soft rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Stigmina carpophila | gumspot of stone fruit | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Taphrina deformans | peach leaf curl | Yes | Yes | Present | Present |  | No |
| Ascomycota | Trichothecium roseum | fruit rot of tomato | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Valsa ceratosperma | dieback of apple | Yes | ? | Present | Present |  | No |
| Ascomycota | Venturia carpophila | almond scab | Yes | ? | Present | Absent |  | Yes |
| Ascomycota | Verticillium dahliae | verticillium wilt | Yes | Yes | Present | Present |  | No |
| Basidiomycota | Athelia rolfsii | sclerotium rot | Yes | Yes | Present | Present |  | No |
| Basidiomycota | Trametes versicolor | wood decay | Yes | ? | Present | Absent |  | Yes |
| Basidiomycota | Tranzschelia pruni-spinosae | plum rust | Yes | ? | Present | Absent |  | Yes |
| Basidiomycota | Tranzschelia pruni-spinosae var. discolor | rust: peach | Yes | ? | Present | Present |  | No |
| Firmicutes | Candidatus Phytoplasma asteris | yellow disease phytoplasmas | Yes | Yes | Present | Absent |  | Yes |
| Firmicutes | Candidatus Phytoplasma trifolii | clover proliferation phytoplasma | Yes | Yes | Present | Present |  | No |
| Firmicutes | Phytoplasma pruni | peach X-disease | Yes | Yes | Present | Absent |  | Yes |
| Firmicutes | Phytoplasma ziziphi |  | Yes | ? | Present | Absent |  | Yes |
| Nematoda | Aphelenchoides fragariae | strawberry crimp nematode | Yes | Yes | Present | Present |  | No |
| Nematoda | Longidorus | longidorids | Yes | ? | Present | Present |  | No |
| Nematoda | Trichodorus | stubby root nematodes | Yes | ? | Present | Present |  | No |
| Oomycota | Phytophthora cactorum | apple collar rot | Yes | Yes | Present | Present |  | No |
| Oomycota | Phytophthora cinnamomi | Phytophthora dieback | Yes | Yes | Present | Present |  | No |
| Oomycota | Phytophthora meadii | rubber leaf drop | Yes | Yes | Present | Absent |  | Yes |
| Proteobacteria | Pantoea ananatis | fruitlet rot of pineapple | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pseudomonas cichorii | bacterial blight of endive | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pseudomonas fluorescens | pink eye: potato | Yes | ? | Present | Present |  | No |
| Proteobacteria | Pseudomonas marginalis pv. marginalis | lettuce marginal leaf blight | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pseudomonas syringae | bacterial blast | Yes | ? | Present | Present |  | No |
| Proteobacteria | Pseudomonas syringae pv. syringae | bacterial canker or blast (stone and pome fruits) | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Xanthomonas arboricola pv. pruni | bacterial canker of stone fruit | Yes | ? | Present | Present |  | No |
| Spermatophyta | Commelina benghalensis | wandering jew | Yes | ? | Present | Present |  | No |
| Spermatophyta | Cuscuta reflexa | dodder | Yes | ? | Present | Absent |  | Yes |
| Spermatophyta | Euphorbia hirta | garden spurge | Yes | ? | Present | Present |  | No |
| Spermatophyta | Heliotropium europaeum | common heliotrope | Yes | ? | Present | Present |  | No |
| Spermatophyta | Polygonum aviculare | prostrate knotweed | Yes | ? | Present | Present |  | No |
| Spermatophyta | Stellaria media | common chickweed | Yes | ? | Present | Present |  | No |
| Virus | Apple chlorotic leaf spot virus | apricot butteratura | Yes | Yes | Present | Present |  | No |
| Virus | Apple scar skin viroid | apple dimple | Yes | Yes | Present | Absent |  | Yes |
| Virus | Apple stem grooving virus |  | Yes | Yes | Present | Present |  | No |
| Virus | Arabis mosaic virus | hop bare-bine | Yes | ? | Present | Present |  | No |
| Virus | Cherry necrotic rusty mottle virus | cherry necrotic rusty mottle disease | Yes | Yes | Present | Present |  | No |
| Virus | Hop stunt viroid | hop stunt viroid | Yes | Yes | Present | Present |  | No |
| Virus | Plum pox virus | sharka | Yes | Yes | Present | Absent |  | Yes |
| Virus | Prunus necrotic ringspot virus | almond bud failure | Yes | Yes | Present | Present |  | No |
| Virus | Strawberry latent ringspot virus | latent ring spot of strawberry | Yes | ? | Present | Absent |  | Yes |
| Virus | Tobacco mosaic virus | tobacco mosaic | Yes | ? | Present | Absent |  | Yes |
| Virus | Tomato black ring virus | ring spot of beet | Yes | ? | Present | Absent |  | Yes |
| Virus | Tomato ringspot virus | ringspot of tomato | Yes | ? | Present | Absent |  | Yes |
| Zygomycota | Rhizopus arrhizus | barn rot of tobacco | Yes | ? | Present | Absent |  | Yes |
| Zygomycota | Rhizopus stolonifer | bulb rot | Yes | ? | Present | Present |  | No |

### Appendix II(a) Pests excluded from the assessment

Pests that do not meet the pathway criteria for quarantine pest status.

The following pests are either already present in the importing country/area (without special regulatory status) or the CABI status has been modified to absent in the country/area of origin, on the crop or on the commodity selected.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type | Preferred scientific name | Preferred common name | On crop | On commodity type | Country / area of origin | Importing country / area | Regulatory status | Included in the assessment? |
| Arthropoda | Agrotis ipsilon | black cutworm | Yes | ? | Present | Present |  | No |
| Arthropoda | Aonidiella citrina | yellow scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Aonidiella orientalis | oriental yellow scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Aphis gossypii | cotton aphid | Yes | Yes | Present | Present |  | No |
| Arthropoda | Aphis spiraecola | Spirea aphid | Yes | Yes | Present | Present |  | No |
| Arthropoda | Apomyelois ceratoniae | blunt-winged knot-horn | Yes | ? | Present | Present |  | No |
| Arthropoda | Aspidiotus destructor | coconut scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Atherigona orientalis | pepper fruit fly | Yes | Yes | Present | Present |  | No |
| Arthropoda | Bactrocera cucurbitae | melon fly | Yes | Yes | Present | Present |  | No |
| Arthropoda | Bemisia tabaci | tobacco whitefly | Yes | ? | Present | Present |  | No |
| Arthropoda | Brachycaudus helichrysi | leaf-curling plum aphid | Yes | ? | Present | Present |  | No |
| Arthropoda | Brevipalpus phoenicis | false spider mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Bryobia rubrioculus | brown apple mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Carpophilus mutilatus | flower beetle | Yes | ? | Present | Present |  | No |
| Arthropoda | Ceroplastes floridensis | soft scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Conogethes punctiferalis | castor capsule borer | Yes | ? | Present | Present |  | No |
| Arthropoda | Diaspidiotus ostreaeformis | pear oyster scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Diaspidiotus perniciosus | San José scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Dysaphis plantaginea | rosy apple aphid | Yes | Yes | Absent | Absent |  | No |
| Arthropoda | Eudocima fullonia | fruit-piercing moth | Yes | ? | Present | Present |  | No |
| Arthropoda | Eutetranychus orientalis | Citrus brown mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Frankliniella occidentalis | western flower thrips | Yes | Yes | Present | Present |  | No |
| Arthropoda | Frankliniella schultzei | cotton thrips | Yes | ? | Present | Present |  | No |
| Arthropoda | Haplothrips gowdeyi | gold-tipped tubular thrips | Yes | ? | Present | Present |  | No |
| Arthropoda | Hyalopterus pruni | mealy plum aphid | Yes | ? | Present | Present |  | No |
| Arthropoda | Icerya seychellarum | Seychelles scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Myzus persicae | green peach aphid | Yes | ? | Present | Present |  | No |
| Arthropoda | Nezara viridula | green stink bug | Yes | ? | Present | Present |  | No |
| Arthropoda | Panonychus citri | citrus red mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Panonychus ulmi | European red spider mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Parthenolecanium corni | European fruit lecanium | Yes | ? | Present | Present |  | No |
| Arthropoda | Parthenolecanium persicae | peach scale | Yes | Yes | Present | Present |  | No |
| Arthropoda | Pseudaulacaspis pentagona | mulberry scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Pseudococcus longispinus | long-tailed mealybug | Yes | ? | Present | Present |  | No |
| Arthropoda | Saissetia coffeae | hemispherical scale | Yes | ? | Present | Present |  | No |
| Arthropoda | Scirtothrips dorsalis | chilli thrips | Yes | ? | Present | Present |  | No |
| Arthropoda | Spodoptera frugiperda | fall armyworm | Yes | Yes | Present | Present |  | No |
| Arthropoda | Tetranychus fijiensis |  | Yes | ? | Present | Present |  | No |
| Arthropoda | Tetranychus kanzawai | kanzawa spider mite | Yes | ? | Present | Present |  | No |
| Arthropoda | Tetranychus urticae | two-spotted spider mite | Yes | Yes | Present | Present |  | No |
| Arthropoda | Urophorus humeralis | pineapple sap beetle | Yes | ? | Present | Present |  | No |
| Ascomycota | Alternaria alternata | alternaria leaf spot | Yes | ? | Present | Present |  | No |
| Ascomycota | Aspergillus terreus |  | Yes | ? | Present | Present |  | No |
| Ascomycota | Botryosphaeria dothidea | canker of almond | Yes | ? | Present | Present |  | No |
| Ascomycota | Botryosphaeria stevensii | Botryosphaeria disease, grapevine | Yes | Yes | Present | Present |  | No |
| Ascomycota | Botryotinia fuckeliana | grey mould-rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Ceratocystis fimbriata | Ceratocystis blight | Yes | Yes | Present | Present |  | No |
| Ascomycota | Colletotrichum acutatum | black spot of strawberry | Yes | Yes | Present | Present |  | No |
| Ascomycota | Colletotrichum truncatum | soyabean anthracnose | Yes | Yes | Present | Present |  | No |
| Ascomycota | Diaporthe eres | apple leaf, branch and fruit fungus | Yes | ? | Present | Present |  | No |
| Ascomycota | Diplodia seriata | grapevine trunk disease | Yes | Yes | Present | Present |  | No |
| Ascomycota | Glomerella cingulata | anthracnose | Yes | Yes | Present | Present |  | No |
| Ascomycota | Lasiodiplodia theobromae | diplodia pod rot of cocoa | Yes | Yes | Present | Present |  | No |
| Ascomycota | Macrophomina phaseolina | charcoal rot of bean/tobacco | Yes | Yes | Present | Present |  | No |
| Ascomycota | Monilinia fructicola | brown rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Monilinia fructigena | brown rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Monilinia laxa | blossom blight | Yes | Yes | Present | Present |  | No |
| Ascomycota | Penicillium expansum | blue mould of stored apple | Yes | ? | Present | Present |  | No |
| Ascomycota | Podosphaera tridactyla | powdery mildew of apricot | Yes | ? | Present | Present |  | No |
| Ascomycota | Sclerotinia sclerotiorum | cottony soft rot | Yes | Yes | Present | Present |  | No |
| Ascomycota | Taphrina deformans | peach leaf curl | Yes | Yes | Present | Present |  | No |
| Ascomycota | Valsa ceratosperma | dieback of apple | Yes | ? | Present | Present |  | No |
| Ascomycota | Verticillium dahliae | verticillium wilt | Yes | Yes | Present | Present |  | No |
| Basidiomycota | Athelia rolfsii | sclerotium rot | Yes | Yes | Present | Present |  | No |
| Basidiomycota | Tranzschelia pruni-spinosae var. discolor | rust: peach | Yes | ? | Present | Present |  | No |
| Firmicutes | Candidatus Phytoplasma trifolii | clover proliferation phytoplasma | Yes | Yes | Present | Present |  | No |
| Nematoda | Aphelenchoides fragariae | strawberry crimp nematode | Yes | Yes | Present | Present |  | No |
| Nematoda | Longidorus | longidorids | Yes | ? | Present | Present |  | No |
| Nematoda | Trichodorus | stubby root nematodes | Yes | ? | Present | Present |  | No |
| Oomycota | Phytophthora cactorum | apple collar rot | Yes | Yes | Present | Present |  | No |
| Oomycota | Phytophthora cinnamomi | Phytophthora dieback | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pantoea ananatis | fruitlet rot of pineapple | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pseudomonas cichorii | bacterial blight of endive | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pseudomonas fluorescens | pink eye: potato | Yes | ? | Present | Present |  | No |
| Proteobacteria | Pseudomonas marginalis pv. marginalis | lettuce marginal leaf blight | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Pseudomonas syringae | bacterial blast | Yes | ? | Present | Present |  | No |
| Proteobacteria | Pseudomonas syringae pv. syringae | bacterial canker or blast (stone and pome fruits) | Yes | Yes | Present | Present |  | No |
| Proteobacteria | Xanthomonas arboricola pv. pruni | bacterial canker of stone fruit | Yes | ? | Present | Present |  | No |
| Spermatophyta | Commelina benghalensis | wandering jew | Yes | ? | Present | Present |  | No |
| Spermatophyta | Euphorbia hirta | garden spurge | Yes | ? | Present | Present |  | No |
| Spermatophyta | Heliotropium europaeum | common heliotrope | Yes | ? | Present | Present |  | No |
| Spermatophyta | Polygonum aviculare | prostrate knotweed | Yes | ? | Present | Present |  | No |
| Spermatophyta | Stellaria media | common chickweed | Yes | ? | Present | Present |  | No |
| Virus | Apple chlorotic leaf spot virus | apricot butteratura | Yes | Yes | Present | Present |  | No |
| Virus | Apple stem grooving virus |  | Yes | Yes | Present | Present |  | No |
| Virus | Arabis mosaic virus | hop bare-bine | Yes | ? | Present | Present |  | No |
| Virus | Cherry necrotic rusty mottle virus | cherry necrotic rusty mottle disease | Yes | Yes | Present | Present |  | No |
| Virus | Hop stunt viroid | hop stunt viroid | Yes | Yes | Present | Present |  | No |
| Virus | Prunus necrotic ringspot virus | almond bud failure | Yes | Yes | Present | Present |  | No |
| Zygomycota | Rhizopus stolonifer | bulb rot | Yes | ? | Present | Present |  | No |

### Appendix II(b) Results of rapid assessment (pest categorization)

The rapid assessment is used to determine whether a pest requires a full risk assessment. It is based on two characteristics: potential for establishment and spread in the PRA area; and potential for economic, environmental and social consequences in the PRA area. Answering No to either question indicates that a full risk assessment is not required because the pest does not meet the risk criteria for quarantine pest status.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type | Species | Regulatory Status | Rapid assessment | |
| **Establishment** | Consequences |
| Arthropoda | Anarsia lineatella (peach twig borer) |  | N | N |
| Ascomycota | Aspergillus fumigatus |  | Y | Y |

### Appendix III Risk assessment template

**Species:** [Species Name]

**Probability of entry**

**What is the probability of the pest being associated with the commodity at origin?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability that the expected volume and frequency of import of the commodity will support entry?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability of the pest surviving during transport?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability of the pest surviving or evading existing pest management procedures?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability of transfer to a suitable host or, in the case of potential weeds, habitat?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**Probability of entry summary**

**Rating:** [To be completed]

**Confidence:** [To be completed]

**Summary note:** [To be completed]

**Last edited:** [To be completed]

**Probability of establishment**

**What is the probability that suitable hosts or, in the case of potential weeds, habitats are available in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**If transmitted by vectors, what is the probability that suitable vectors are available in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability that climatic conditions and other abiotic factors will allow the pest to establish in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability that existing control measures for other pests in the PRA area are unable to prevent establishment?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability that existing natural enemies in the PRA area are unable to prevent establishment?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability that other biological characteristics of the pest will enable establishment?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability of establishment under foreseeable climate change conditions?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**Probability of establishment summary**

**Rating:** [To be completed]

**Confidence:** [To be completed]

**Summary note:** [To be completed]

**Last edited:** [To be completed]

**Probability of spread**

**What is the expected rate of natural spread in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**If transmitted by vectors, what is the expected rate of spread by vectors in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the expected rate of spread with commodities or conveyances in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability of the pest spreading to an area of higher economic importance than the area of introduction?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the probability that the intended use of the commodity increases the rate of spread?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the potential rate of spread under foreseeable climate change conditions?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**Probability of spread summary**

**Rating:** [To be completed]

**Confidence:** [To be completed]

**Summary note:** [To be completed]

**Last edited:** [To be completed]

**Potential consequences**

**What is the level of economic loss to agriculture, forestry or horticulture associated with this pest in its existing geographic range?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of potential economic loss to agriculture, forestry or horticulture in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of negative impact on native biodiversity associated with this pest in its existing geographic range?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of potential negative impact on native biodiversity in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of negative impact on ecosystem patterns and processes associated with this pest in its existing geographic range?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of potential negative impact on ecosystem patterns and processes in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of negative social impact associated with this pest in its existing geographic range?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of potential negative social impact in the PRA area?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**What is the level of potential negative impact in the PRA area (for all sectors) under foreseeable climate change conditions?**

**Rating:** [To be completed] *Rating options:*[Not assessed / Negligible / Low / Medium / High]

**Confidence:** [To be completed] *Confidence options:*[Not assessed / Low / Medium / High]

**Last edited:** 01 January 1900

**Potential consequences summary**

**Rating:** [To be completed]

**Confidence:** [To be completed]

**Summary note:** [To be completed]

**Last edited:** [To be completed]

**Does this pest require phytosanitary measures? Y / N**

### Appendix IV Risk management measures template

**Species:** [Species Name]

**At the place of production**

**Inspection or testing** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Post-harvest treatment** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Treatment of crop, field or place of production** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Specially protected growing conditions** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Maintenance of pest free area, place or site of production** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Resistant cultivars** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Specified harvest time to reduce crop infestation** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Certification scheme** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Other** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**After harvest and during transport**

**Inspection or testing** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Post-harvest treatment** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Removal of specified parts of the plant** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Conditions for preparing and packing and storage** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**In-transit conditions and treatment** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Restriction on period of entry (to reduce availability of susceptible hosts)** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Other** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**At point of entry**

**Inspection or testing at point of entry** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Treatment at point of entry** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**After entry**

**Inspection or testing in post-entry quarantine** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Surveillance, containment and eradication** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Restriction on end use or distribution** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Other**

**Prohibition of commodity** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Phytosanitary certification and additional declarations** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Risk is similar to other pest(s) already addressed** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**No risk management option identified for this pest** *Selected*: [Y / N]

**Note:** [To be completed]

**Last edited:** 01 January 1900

**Risk management summary note**

[To be completed]

This report was generated using the CABI PRA tool <https://www.cabi.org/PRA-Tool/>