# PRA Title: AutomationList

**Date created:** 14 December 2021

**Last modified:** 14 December 2021

**PRA Session:** P000008317

### 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 |

This form was exported from [www.cabi.org/PRA-Tool](https://www.cabi.org/pra-tool) on 14 Dec 2021 to edit offline. The PRA account holder can import the new content back into the tool by opening the matching PRA in the online tool, going to the pathway pest list entry for the pest and selecting Import from Word from the User action menu.

The content in this form will replace any risk assessment and risk management ratings and text that have been entered online; the new references will be appended to the PRA. The PRA can then be completed in the online tool.

A pdf version of the pest datasheet has been downloaded from the Crop Protection Compendium. If you have access, you can view the datasheet online [here](https://www.cabi.org/cpc/datasheet/7642)

**Contents**

Risk assessment

Probability of entry

Probability of establishment

Probability of spread

Potential consequences

Risk assessment summary

Risk management

At place of production

Etc.

Risk management summary

New references

References already saved in the PRA Tool

## Risk assessment for Candidatus Phytoplasma asteris (yellow disease phytoplasmas)

### Probability of entry

|  |  |
| --- | --- |
| **1. What is the probability of the pest being associated with the commodity at origin?**  **Factors to consider**   * prevalence of pest in the source area * occurrence of life stage able to associate with commodity * seasonal timing * pest management procedures applied at place of origin | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **2. What is the probability that the expected volume and frequency of import of the commodity will support entry?** | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **3. What is the probability of the pest surviving during transport?**  **Factors to consider**   * speed and conditions of transport * duration and vulnerability of life cycle * previous interceptions of the pest * commercial procedures during transport (e.g. refrigeration) | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **4. What is the probability of the pest surviving or evading existing pest management procedures?**  **Factors to consider**   * inspection methods and quality control * certification schemes * chemical treatment | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **5. What is the probability of transfer to a suitable host or, in the case of potential weeds, habitat?**  **Factors to consider**   * dispersal mechanisms, including vectors * number of destinations * proximity to suitable hosts/habitats * seasonality * intended use of the commodity, in the case of a commodity pathway (e.g. for planting, processing, consumption) * risks from by-products and waste | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

**Summary**

|  |  |
| --- | --- |
| Add summary rating: | Add summary confidence level: |
| Not assessed | Not assessed |
| Add a summary note: | |
|  | |

### Probability of establishment

|  |  |
| --- | --- |
| **1. What is the probability that suitable hosts or, in the case of potential weeds, habitats are available in the PRA area?**  **Factors to consider**   * abundance of main hosts and alternate hosts and how they are distributed * geographic proximity of hosts/habitats to pathway destinations * presence of other suitable plants that could be new hosts | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **2. If transmitted by vectors, what is the probability that suitable vectors are available in the PRA area?** | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **3. What is the probability that climatic conditions and other abiotic factors will allow the pest to establish in the PRA area?**  **Factors to consider**   * compare the known distribution of the pest with ecoclimatic zones in the PRA area * whether hosts are grown in protected cultivation * soil factors for soilborne pests | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **4. What is the probability that existing control measures for other pests in the PRA area are unable to prevent establishment?**  **Factors to consider**   * cultural practices e.g. irrigation, planting, harvesting methods etc. * pest control programmes | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **5. What is the probability that existing natural enemies in the PRA area are unable to prevent establishment?** | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **6. What is the probability that other biological characteristics of the pest will enable establishment?**  **Factors to consider**   * reproductive and survival strategies * genetic adaptability * minimum population needed for establishment | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **7. What is the probability of establishment under foreseeable climate change conditions?**  **Factors to consider**   * climate change projection * climate change factors that affect the pest’s reproduction and survival * climate change factors that affect the pest’s hosts, vectors or habitats | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

**Summary**

|  |  |
| --- | --- |
| Add summary rating: | Add summary confidence level: |
| Not assessed | Not assessed |
| Add a summary note: | |
|  | |

### Probability of spread

|  |  |
| --- | --- |
| **1. What is the expected rate of natural spread in the PRA area?**  **Factors to consider**   * rate and distance of spread elsewhere * natural barriers in PRA area | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **2. If transmitted by vectors, what is the expected rate of spread by vectors in the PRA area?**  **Factors to consider**   * rate and distance of spread elsewhere | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **3. What is the expected rate of spread with commodities or conveyances in the PRA area?** | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **4. What is the probability of the pest spreading to an area of higher economic importance than the area of introduction?** | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **5. What is the probability that the intended use of the commodity increases the rate of spread?**  **Factors to consider**   * whether intended for planting, processing or consumption * disposal of waste, by-products * number and location of expected destinations | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **6. What is the potential rate of spread under foreseeable climate change conditions?**  **Factors to consider**   * climate change projection * climate change factors that affect the dispersal of the pest | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

**Summary**

|  |  |
| --- | --- |
| Add summary rating: | Add summary confidence level: |
| Not assessed | Not assessed |
| Add a summary note: | |
|  | |

### Potential consequences

|  |  |
| --- | --- |
| **1. What is the level of economic loss to agriculture, forestry or horticulture associated with this pest in its existing geographic range?**  **Factors to consider**   * reduction in crop yield or quality * reduction in prices or demand, including export markets * increase in production costs (including costs of control) * vectoring of other pests of economic importance | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **2. What is the level of potential economic loss to agriculture, forestry or horticulture in the PRA area?**  **Factors to consider**   * reduction in crop yield or quality * reduction in prices or demand, including export markets * increase in production costs (including costs of control) * vectoring of other pests of economic importance | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **3. What is the level of negative impact on native biodiversity associated with this pest in its existing geographic range?**  **Factors to consider**   * threat to native species, with special focus on threatened and keystone species * changed community structure * hybridization with native species | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **4. What is the level of potential negative impact on native biodiversity in the PRA area?**  **Factors to consider**   * threat to native species, with special focus on threatened and keystone species * changed community structure * hybridization with native species | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **5. What is the level of negative impact on ecosystem patterns and processes associated with this pest in its existing geographic range?**  **Factors to consider**   * physical modifications of habitats * changes in nutrient cycling and availability * modifications of natural successions * changes in trophic and mutualistic interactions | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **6. What is the level of potential negative impact on ecosystem patterns and processes in the PRA area?**  **Factors to consider**   * physical modifications of habitats * changes in nutrient cycling and availability * modifications of natural successions * changes in trophic and mutualistic interactions | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **7. What is the level of negative social impact associated with this pest in its existing geographic range?**  **Factors to consider**   * unemployment * health effects * recreation, tourism, education or spiritual impacts * aesthetics | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **8. What is the level of potential negative social impact in the PRA area?**  **Factors to consider**   * unemployment * health effects * recreation, tourism, education or spiritual impacts * aesthetics | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

|  |  |
| --- | --- |
| **9. What is the level of potential negative impact in the PRA area (for all sectors) under foreseeable climate change conditions?**  **Factors to consider**   * climate change projection * climate change factors that affect the pest’s reproduction and feeding habits * number of generations per year | Add rating: |
| Not assessed |
| Add confidence level: |
| Not assessed |
| Notes: | |
|  | |

**Summary**

|  |  |
| --- | --- |
| Add summary rating: | Add summary confidence level: |
| Not assessed | Not assessed |
| Add a summary note: | |
|  | |

## Risk assessment summary

#### Probability of entry

|  |  |
| --- | --- |
| Summary rating: Not assessed | Confidence: Not assessed |

#### Probability of establishment

|  |  |
| --- | --- |
| Summary rating: Not assessed | Confidence: Not assessed |

#### Probability of spread

|  |  |
| --- | --- |
| Summary rating: Not assessed | Confidence: Not assessed |

#### Potential consequences

|  |  |
| --- | --- |
| Summary rating: Not assessed | Confidence: Not assessed |

Does the pest require phytosanitary measures? --Select--

## Risk management for Candidatus Phytoplasma asteris (yellow disease phytoplasmas)

This section will only be uploaded into the Risk Management section in the PRA Tool if you have answered 'Yes' to the question 'Does the pest require phytosanitary measures?'. Please check the management option you wish to select and provide details in the text box below it.

### At the place of production

|  |  |  |
| --- | --- | --- |
| |  | | --- | | Inspection or testing | |  | |
| |  | | --- | | Post-harvest treatment | |  | |
| |  | | --- | | Treatment of crop, field or place of production | |  | |
| |  | | --- | | Specially protected growing conditions | |  | |
| |  | | --- | | Maintenance of pest free area, place or site of production | |  | |
| |  | | --- | | Resistant cultivars | |  | |
| |  | | --- | | Specified harvest time to reduce crop infestation | |  | |
| |  | | --- | | Certification scheme | |  | |
| |  | | --- | | Other | |  | |

### After harvest and during transport

|  |  |  |
| --- | --- | --- |
| |  | | --- | | Inspection or testing | |  | |
| |  | | --- | | Post-harvest treatment | |  | |
| |  | | --- | | Removal of specified parts of the plant | |  | |
| |  | | --- | | Conditions for preparing and packing and storage | |  | |
| |  | | --- | | In-transit conditions and treatment | |  | |
| |  | | --- | | Restriction on period of entry (to reduce availability of susceptible hosts) | |  | |
| |  | | --- | | Other | |  | |

### At point of entry

|  |  |  |
| --- | --- | --- |
| |  | | --- | | Inspection or testing at point of entry | |  | |
| |  | | --- | | Treatment at point of entry | |  | |

### After entry

|  |  |  |
| --- | --- | --- |
| |  | | --- | | Inspection or testing in post-entry quarantine | |  | |
| |  | | --- | | Surveillance, containment and eradication | |  | |
| |  | | --- | | Restriction on end use or distribution | |  | |

### Other

|  |  |  |
| --- | --- | --- |
| |  | | --- | | Prohibition of commodity | |  | |
| |  | | --- | | Phytosanitary certification and additional declarations | |  | |
| |  | | --- | | Risk is similar to other pest(s) already addressed | |  | |
| |  | | --- | | No risk management option identified for this pest | |  | |

### Risk management summary

Add a summary note:

|  |
| --- |
|  |
| Are management options for Candidatus Phytoplasma asteris complete? --Select-- |

**New references** (to append to the PRA when imported into the PRA Tool)

|  |
| --- |
|  |
|  |

Please add references to the 'New references' text box above.

**References already saved in the PRA Tool** (these cannot be edited offline)

CABI (2021) Crop Protection Compendium. Wallingford, UK: CAB international. [www.cabi.org/cpc](http://www.cabi.org/cpc)

Please add references to the 'New references' text box above.