

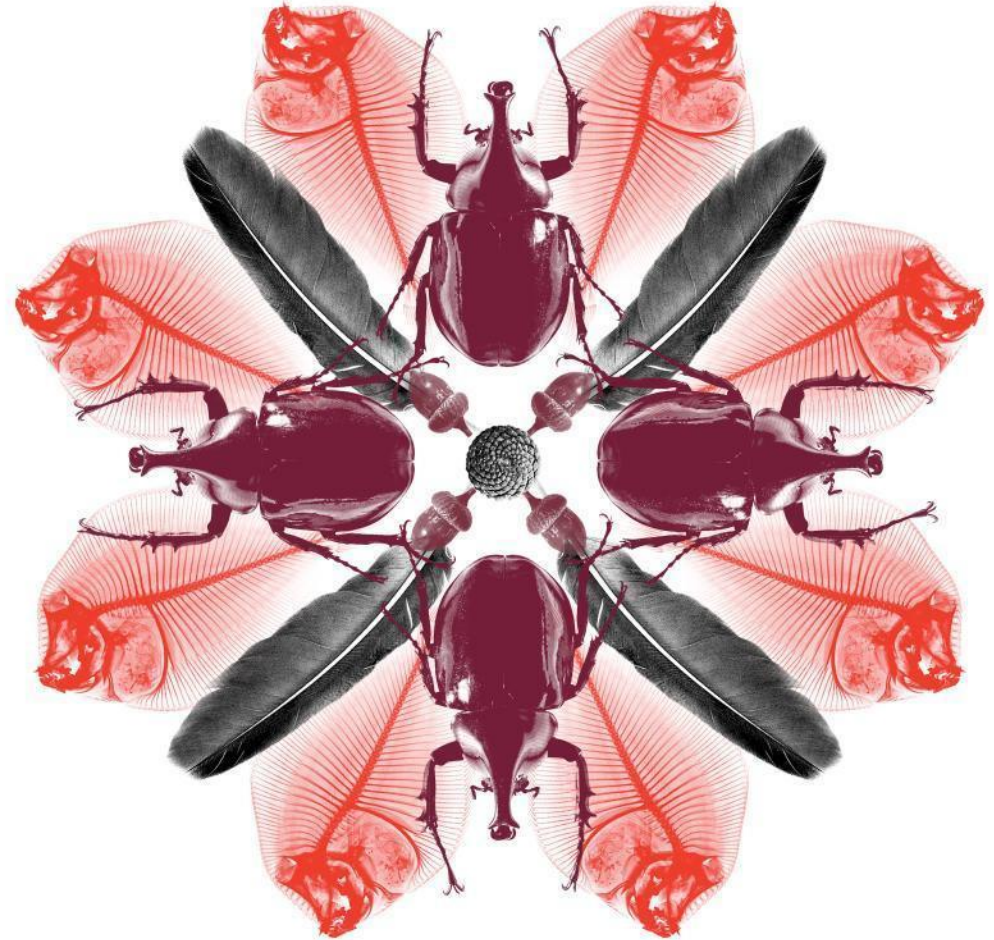


**Australian Government**  
**Department of Agriculture  
and Water Resources**

# Promoting win-win partnerships

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# Overview of Presentation

- **Scope and objectives of projects managed by Plant Biosecurity Division**
- **Two exemplar activities – biosecurity and trade objectives**
- **Achieving ‘win-win’**



# Scope and objectives of projects

- **Pest surveillance**
  - Promote best practice in planning and implementation, consistent with international standards
- **Pest diagnostics**
  - Develop diagnostic skills and resources
  - Network diagnostic capacity in ASEAN Member States
- **Pest surveillance and collection records**
  - Promote efficient accession and management of records
  - Facilitate reporting and publication
- **Phytosanitary treatments**
  - Assist understanding of technology, operational and regulatory requirements for irradiation and cold treatment



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# Downy mildews



## Activity to develop identification guide to downy mildews (Oomycetes) in Australasian region

- Damaging pests of monocots and herbaceous plants – management challenge in South-east Asia, biosecurity threat to northern Australia
- Published species definition, identification, host ranges and geographical distribution all hopelessly unreliable
- Co-funding from ASEAN Regional Diagnostic Network Project and Northern Australian Diagnostics Project
- Workshop, fieldwork in northern Australia and South-east Asia, taxonomic research



# Downy mildews



## For both ASEAN Member States and Australia, the activity:

- Assists understanding of species, host ranges and distribution.
- Provides reliable diagnostic resource.

## For ASEAN Member States, the activity:

- Develops skills in modern diagnostic techniques for plant pathogens (combination of morphology, molecular sequences)
- Establishes professional linkages among ASEAN plant pathologists and links them to specialists outside the region
- Part of larger project that contributes to ASEAN Strategic Plan of Action for Agricultural Cooperation

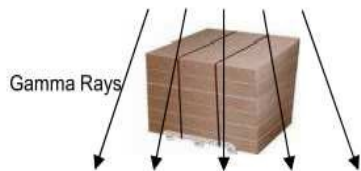
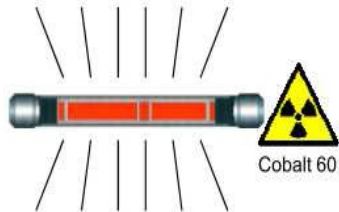


## For Australia, the activity:

- Provides offshore collaborators – assistance with this research, eyes and ears for the future
- Addresses emerging threats identified by industry biosecurity plans

# Phytosanitary irradiation

- Increasingly important post-harvest treatment for fresh commodities for international trade
- Challenging to implement (technical complexity, cost of facilities, oversight of pathways, consumer acceptance, etc.)
- Complex regulatory environment (phytosanitary, nuclear, public health)



# Phytosanitary irradiation

Workshop in Thailand to promote:

- familiarity with international standards
- mutual understanding of each others regulatory arrangements
- objective of achieving bilateral trade utilising irradiation

➔ Thai mangoes to Australia, Australian persimmons to Thailand





# Achieving win-win

- Shared, high level objectives, e.g. biosecurity, trade
- Strategies or plans on either side, e.g. ASEAN Strategic Plan of Action for Agricultural Cooperation, Australian industry biosecurity plans
- Mutually beneficial, specific outcomes, e.g. diagnostic resources, understanding of counterpart regulatory arrangements, bilateral trade
- Shared, personal benefits

