

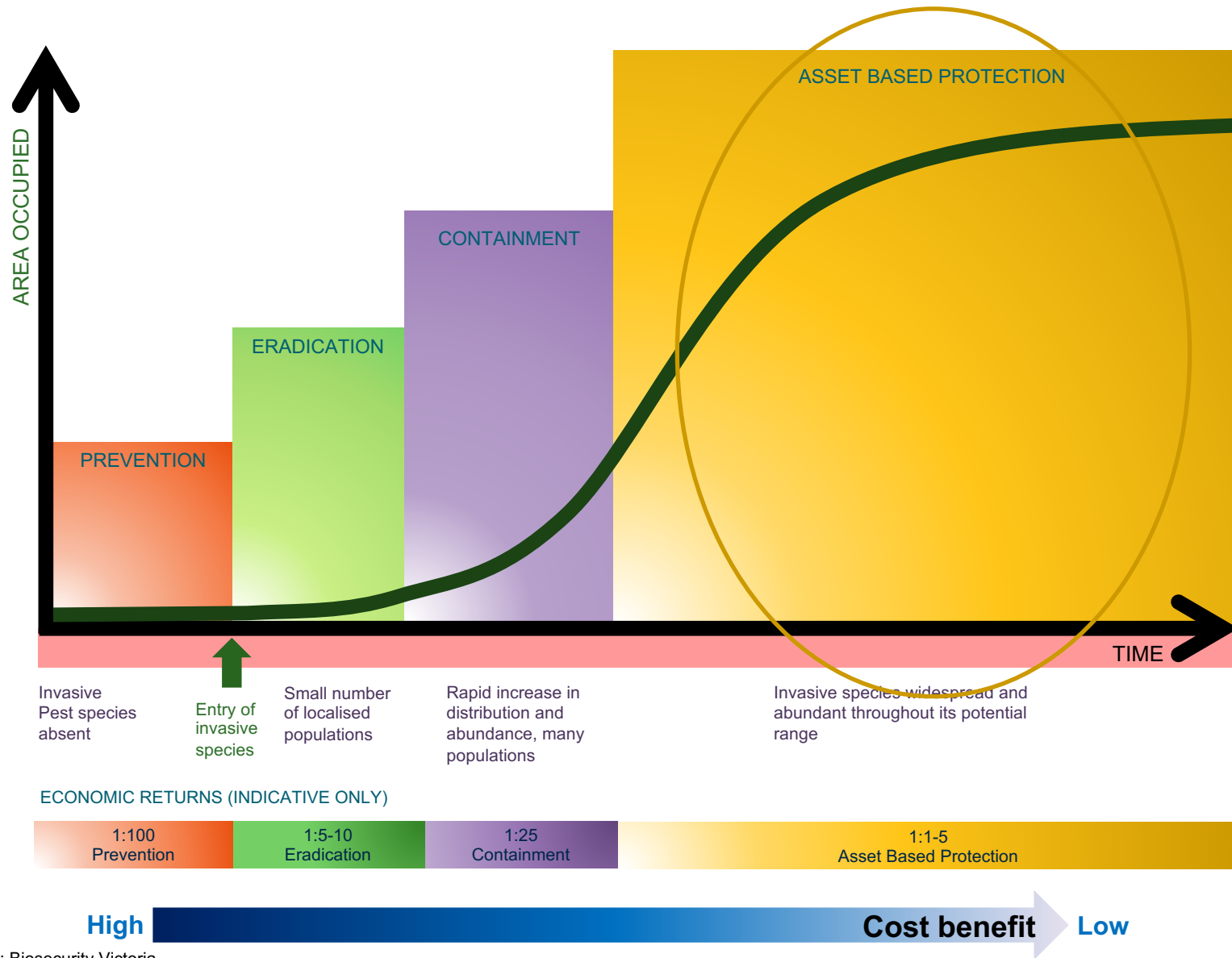


# Overview of CABI Global Programmes

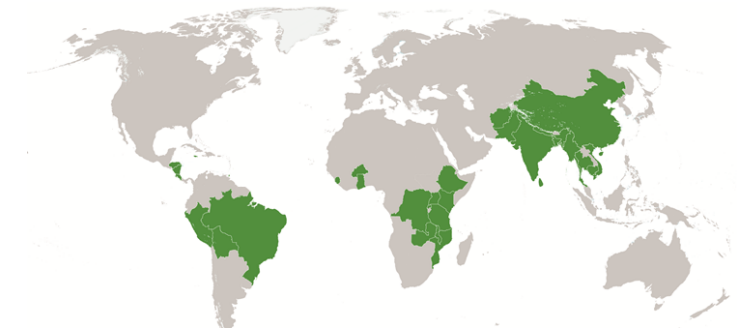
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# Generalised Invasion Curve



- Plantwise is a global programme which helps farmers lose less of what they grow to plant health problems.
- Brought together key actors in the Plant Health Sector (Farmers, Research, Extension, Regulators and Agro-input distributors) to address plant health problems at the farmer level



13,300 Plant Doctors



5,100 Plant Clinics  
New pests discovers at PCs

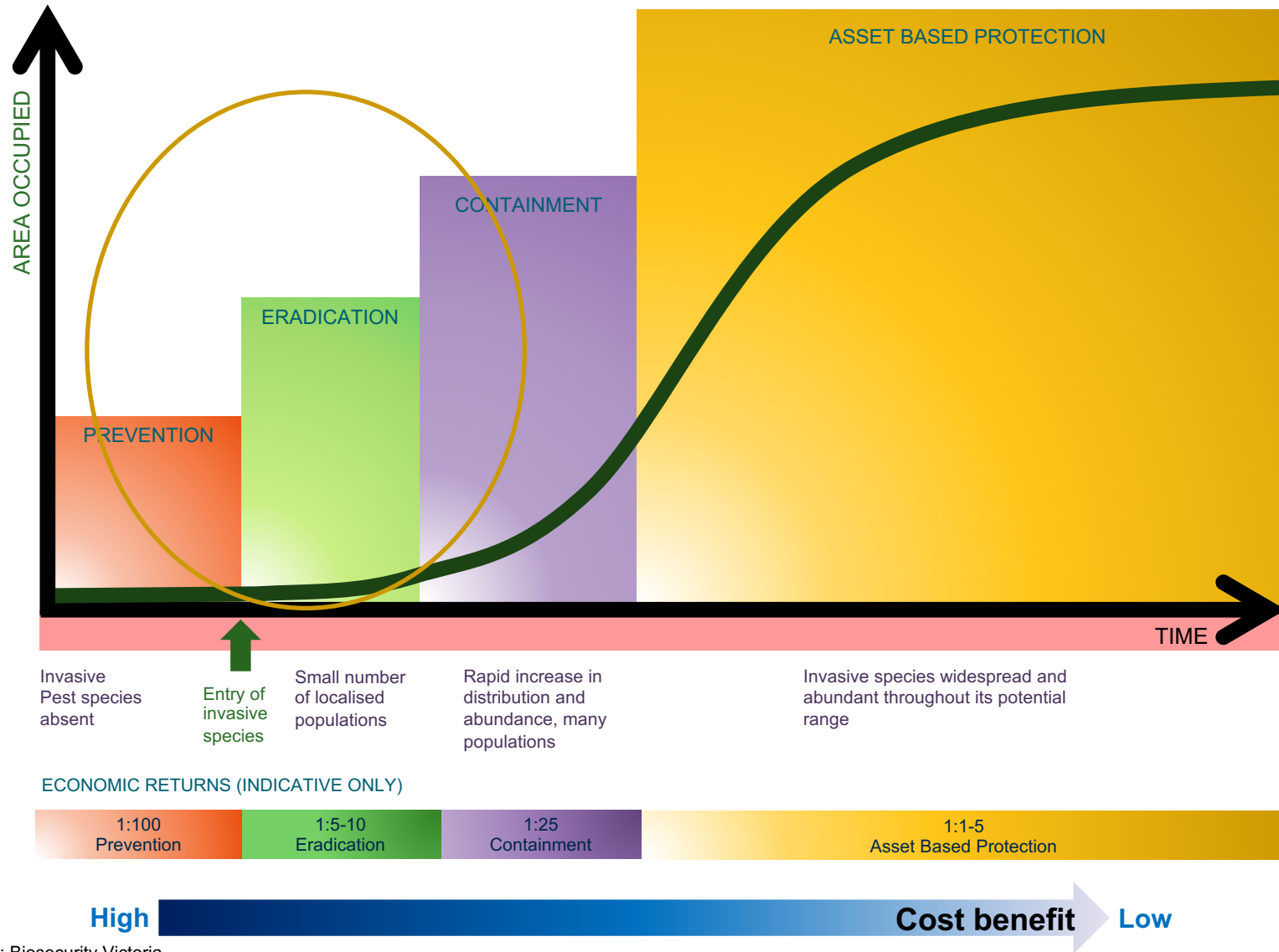


50 Million farmers

Source: Biosecurity Victoria



# Generalised Invasion Curve

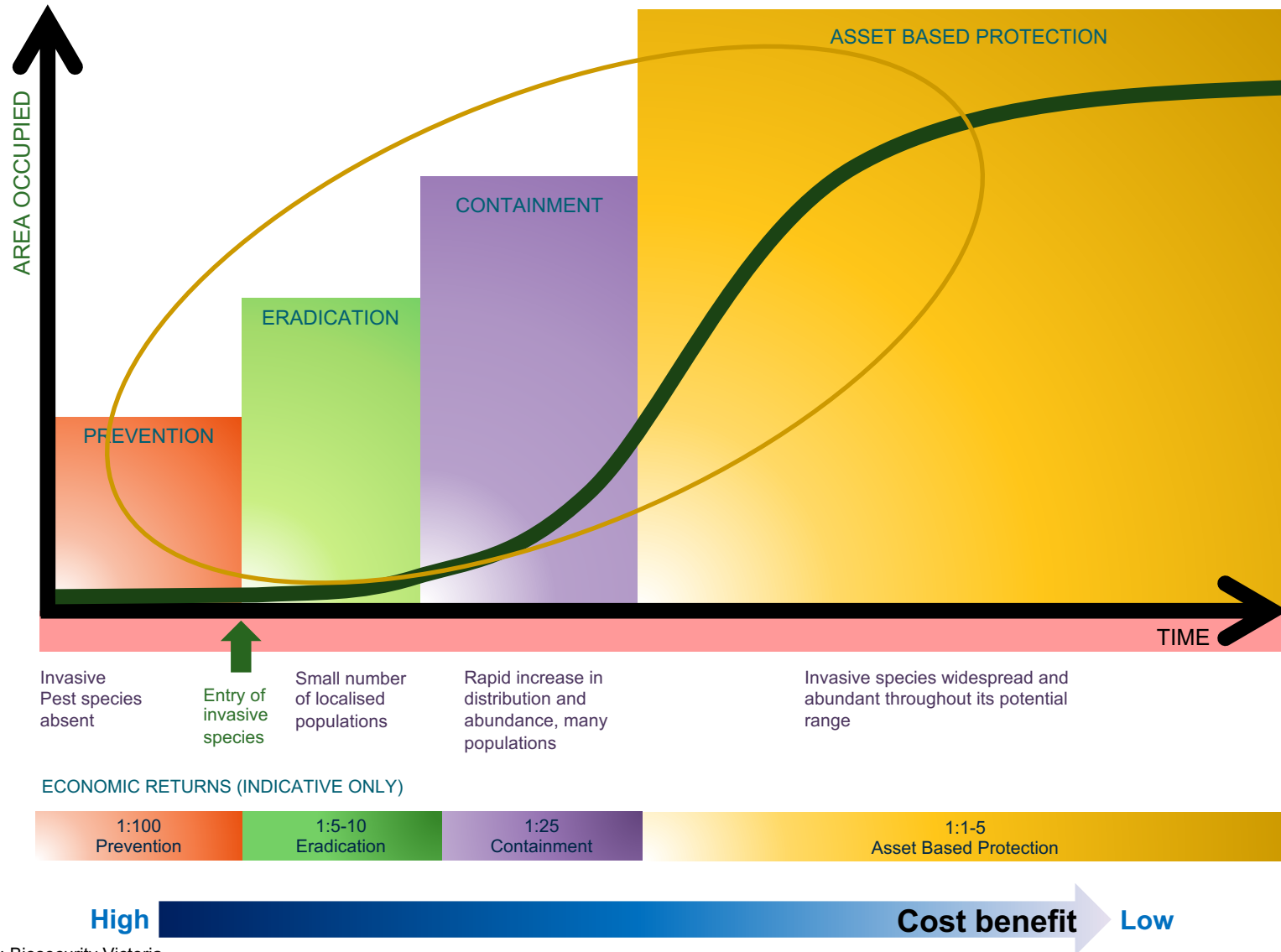


Source: Biosecurity Victoria

## Action on Invasives

- Action on Invasives is a programme which addressed the growing problem of invasive species in agriculture and the natural environment.
- What the programme did.
  - **Prevention:** Developing and implementing biosecurity policies to prevent the arrival and spread of invasive species and raising awareness of potential threats at a local level. *Horizon scanning activities*
  - **Early detection and rapid response:** building capacity to develop and implement surveillance and emergency action plans for detecting and eradicating new invasions
  - **Control:** scaling up existing invasive species management solutions; embedding control options in policy; and making sure that those living in rural communities have access to best practice and locally adapted solutions and are actively engaged in their implementation
- Countries
  - Ghana, Uganda, Zambia (Fall armyworm)
  - Pakistan (Parthenium)
- Key message
  - Defend, Detect, Destroy

# Generalised Invasion Curve



Source: Biosecurity Victoria

## PlantwisePlus

- This programme is built on lessons learnt from Plantwise and Action on Invasives over the past 10 years.
- PlantwisePlus helps countries to predict, prepare and prevent plant health threats reducing crop losses.
  - Comprehensively supports countries and farmers to grow the required quantity of food.
  - Improve the quality of food grown in a changing climate
- How will CABI achieve this?
  - Enhance digital advisory tools to boost climate-resilient agriculture
  - Increase the supply of and demand for safer, higher quality and locally produced food in domestic markets
  - Strength detection and response to pest outbreaks.
    - Horizon Scanning
    - Pest Risk Analyses
    - Insight reporting
  - Enhance availability of safer plant protection products



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