

Pest Surveillance in Thailand

Regional Workshop for the Global Review of
Phytosanitary Surveillance in the Context of
the IPPC Standard (ISPM 6) – Identification of

General Survey Pest List 2003-Present

Specific Survey 2008 - present

Insects

Sternonchetus spp. (Fabricius) in mango

Cryptophlebia ombrodelta in lychee

Fuller Rose Weevil; *Pantomorus cervinus*
(Boheman) in citrus

Amphitetranychus viemmensis (Zacher)

Quarantine Pest of Apple

Mealybug: *Cataenococcus hispidus* Green

Planococcus lichi Cox in Lychee and
Longan

Diseases

Stewart' wilt : *Pantoea stewartii* subsp. *stewartii*

Potato's virus : OFV, TRSV and Potyvirus

smut fungi: *Urocystis cepulae* in onion and garlic
plantation

Corn Rust Disease: *Puccinia polysora* and *P.*
sorghii

Pseudomonas syringae pv. *syringae* in onion and
garlic plantation

Surveillance of Giant Salvinia in Thailand

Regional Workshop for the Global Review of
Phytosanitary Surveillance in the Context of
the IPPC Standard (ISPM 6) – Identification of
Challenges and Best Practice
Chiang Rai, Thailand 31 Jan-03 Feb 2012

Kingdom: Plantae
Subkingdom: Tracheobionta;
Division: Pteridophyta;
Class: Filicopsida;
order: Hydropteridales;
Family: Salviniaceae;
Genus: *Salvinia* Séguier;
Species: *Salvinia molesta* Mitchell

Common name

salvinia, giant salvinia,
 African pyle or payal,
 Kariba weed, aquarium watermoss, Australian
 azolla, water fern,
 water spangles, and giant azolla

Surveillance

1. Identify the pest
2. Identify pathway
3. Planning for survey
4. Training staff & identification
5. Survey – specific survey/detection survey



16th February 2006
 Sadoa district, Songkhla province

Eradication by Sadao Plant
 Quarantine station
 4
 ก้นยายน
 2549
 ภาพโดย
 วิทยา
 พงษ์ทอง

Surveillance and control of Giant Salvinia
 2008

Identify the pest and pathway

Established : Australia, New Zealand, Fiji, the Philippines, India, Indonesia, Malaysia, Singapore, and Papua, New Guinea. It also plagues aquatic systems in Africa (the Ivory Republic, Ghana, Zambia, Kenya, Namibia, Botswana, South Africa, and Madagascar), South America (Columbia and Guyana), and two Caribbean countries (Cuba and

- impact**
- **irrigation systems, navigable waters, fisheries, electric power production, and rice farming.**
- **Giant mats reduce light penetration and result in oxygen depletion, affects the growth and survival of phytoplankton and vascular plants. Oxygen depletion may be so severely reduced beneath a mat that it influences fish survival.**

- Ornamental plant market and water body in / near community
- Dam and reservoir under responsibility of Royal Irrigation Department - questionnaire