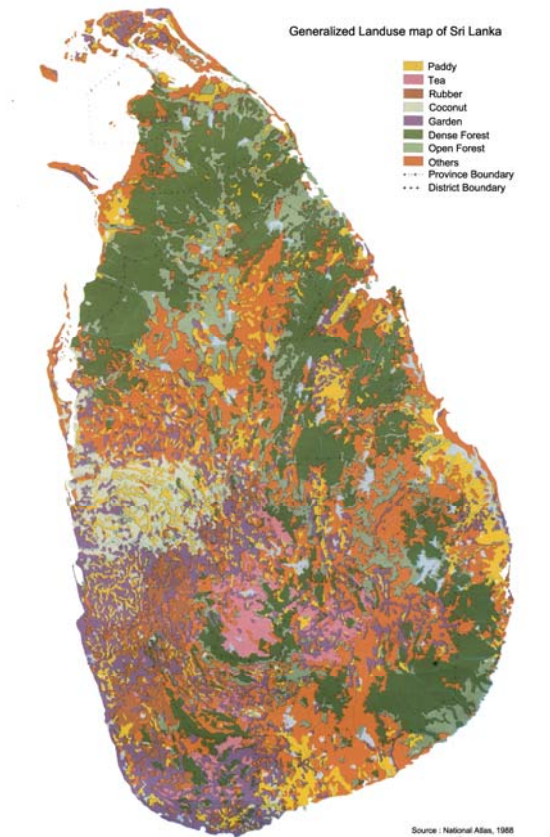


Country Report – Sri Lanka

K.Piyasena
Deputy Director of Agriculture
Plant Protection Service
Gannoruwa
Peradeniya

Introduction



Land use map of Sri Lanka

Agriculture work force 35%

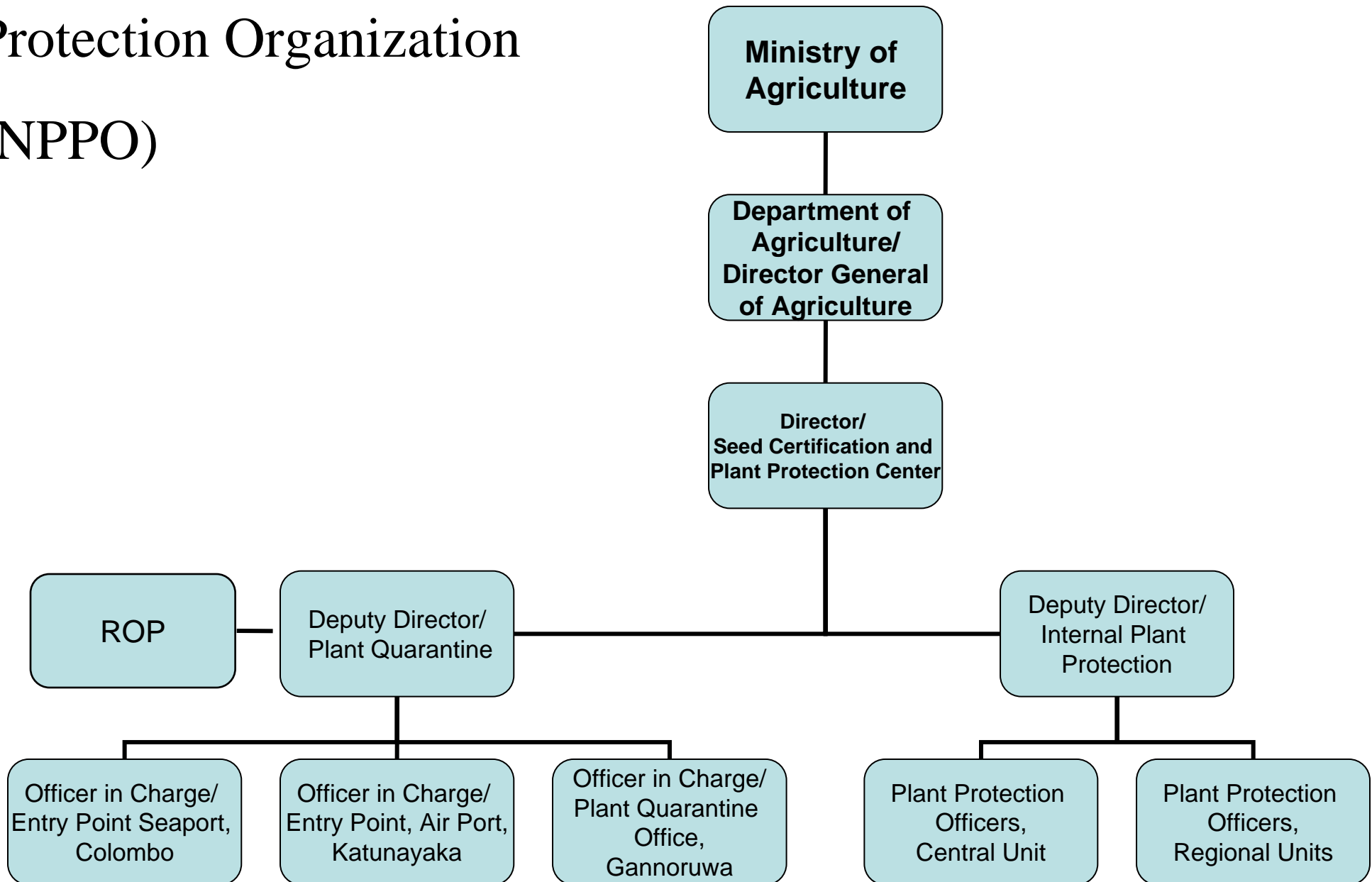
GDP (at present) 19%

Agriculture sector

- * Food production Sector
- * Plantation sector
- * Export Agriculture sector

Average Rice yield 3.7mt/ha

Structure of the National Plant Protection Organization (NPPO)



Functions of NPPO

Planning, implementing, and monitoring of National level work programme to maintain the quality of seed, planting materials and plant products of govt. Farms, Farmers and private sector organizations.

Cont...

Functions of NPPO

Plant Protection Service

Management of environmentally suitable and economically viable pest control programme utilizing Integrated Pest Management programmes.

Cont...

Functions of NPPO

Plant Quarantine Service

Fulfilled the quarantine and Phytosanitary requirements of imported and exported plants, Planting materials, Plant products to comply with international trade.

Outbreak of Major Pest & Diseases

Control of parthinium

- First reported in 1999 at North & South Region

Control methods -

1. Preparation of Regulation under Plant Protection Act.
2. Through Media campaign
3. Application of Herbicides

60%-70% were under control



Control of Salvenia

Salvenia Molusta



Cytobagous salvenia



Control methods –

1. Releasment of biological control agents into water bodies
2. Through Awareness programme



Control of Water hyacinth



Neochetina eichhorniae



Neochefine bruchi

Control methods used –

1. **Releasment of biological control agents into water bodies**
2. **Through Awareness programme**

Control of Aligator weeds

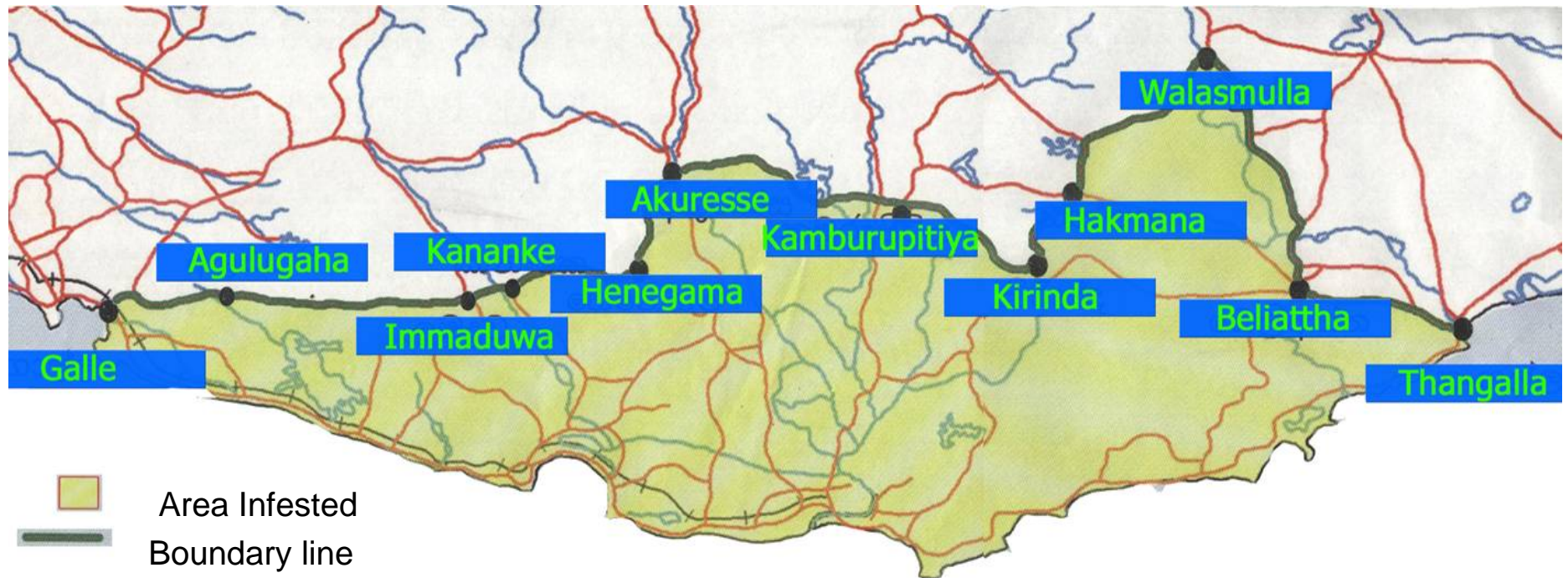
Alternanthera philoxeroides

Control methods used –

- 1. Repeated application of herbicides**
- 2. Through media campaign**



- Coconut Leaf rot disease & leaf wilt disease



Report in 2002 – CLR, 2007- CLW

**Casual organisms – CLR - *Ceratocystis paradoxa*
Colletotricum gloeosporioidss
Fusarium spp
CLW – *Phytoplasma***

Control methods were taken by CRI to eradicate the decease

New exotic invasive species

Papaya mealy bug



Reported in 2008 – Western region

Identification as – *Paracocas marginatus*

Recommended package of control methods –

Parasitoids – *Acerophagus papayae*

Now released in effected area

Control activities

Control activities

- Crop Sanitation
- Cut & Burn of Infested parts
- Use of non chemical methods
- Releasement of biological control agents
- Use of Insecticides on commercial Papaya Plantation
- Through Media campaign



Integrated Pest Management in Rice

Implimentation of Yaya Programme

FFS Training approach Was used

Pesticides Application was reduced by 80%

Yield increased by 20 – 25%



Integrated Pest Management in Vegetables



Cabbage

Chilies

Tomato

Leafy Vegetable

FFS Training approach was used

Integrated Pest & Vector Management in rice eco-system (IPVM)

- * Synergies between IPM & IVM
- * Multidisciplinary nature of programme
- * In order to sustain the programme & motivate community action by alumni group IPVM clubs were formed



Plant Protection Act. no 35 of 1999

Consist of six sections

I. Administration of the Act.

II. Procedure

III. Quarantine pest

IV. Appealing

V. Offence and penalties

VI. General

VII. Interpretation of items

Revision of regulation

Objective –

- To make necessary changes to reflect the current requirements, ensuring that the regulations were consistent with IPPC recommendation
- Open for WTO to get their comments
- National committee was appointed
- Plans were made to implement in the near future

Pest risk analysis

- Completed - Powdery scab on Potato wilt
- Initiated 3 PRA'S

Import of Banana from Philippine
Mangustine }
Dragonfruit } Thailand

Number of phytosanitary certificates and import inspections in relation to the export/ import of agricultural commodities

Institution	NPQS		Seaport		Airport		Total	
Year	2007	2008	2007	2008	2007	2008	2007	2008
No. of import inspections	258		644	1670	71+	299	973	1969
No. of export inspections	6862		16644	32395	6163+	27615	29669	60000
No. of phytosanitary certificates issued	01	04	13928	35588	7851	28046	21780	63638

Effectiveness of interception of quarantine pests

Institution	NPQS		Seaport		Airport		Total	
	2007	2008	2007	2008	2007	2008	2007	2008
No. of interceptions of import consignments	473	254	03	16		1003	476	1273
No. of interceptions of quarantine pests	0		00				0	0
Overall effectiveness of interceptions of quarantine pests/ percentage								

Pesticides Management

- 1989 Control of Pesticide Act no.33
- 1994 Control of Pesticides (Amendment) Act no.06

Phase out of Pesticides

Based on unacceptable risk and acute poisoning following pesticides were phase out

Insecticides – i. Diamethoate
 ii. Penthoate

Weedcides - Paraquate

Status of Regulation Measures in Pesticides Management

- Evaluation of Registration no. 182 Documents
- Evaluation of Quality certificate no. 756 Samples
- Issue of import approval no. 1118 Certificates
- Screening of Label for approval no. 651 Label
- Issue of Dealer Certificate no. 1465 Certificates
- Formulation analysis no. 2093 Samples
- Residue analysis no. 121 Sample

Thanks