



COUNTRY PRESENTATION ON PLANT PROTECTION IN INDIA

**Workshop in Capacity Building for Information Exchange
Kuala Lumpur, Malaysia (4-9 July 2011)
Regional Workshop on use of APPPC website: 8-9 July'11**

Plant Protection in India - Milestones

- Destructive Insects and Pests Act 1914
- Locust Warning Organization 1939
- Directorate of Plant Protection,
Quarantine and Storage 1946
- National Institute of Plant Health Management 1966
- Implementation of Insecticides Act , 1968 1975
- Integrated Pest Management (Central IPM Centres) 1992
- Plant Quarantine Order 2003
- Online Registration of Pesticides 2010
- Online PQ Services (PQIS) 2011

NATIONAL PLANT PROTECTION ORGANIZATION

HON'BLE AGRICULTURE MINISTER

HON'BLE MINISTER OF STATE FOR AGRICULTURE

SECRETARY (AGRI & COOP)

ADDITIONAL SECRETARY

JOINT SECRETARY (PLANT PROTECTION)

PLANT PROTECTION ADVISER TO THE GOVERNMENT OF INDIA

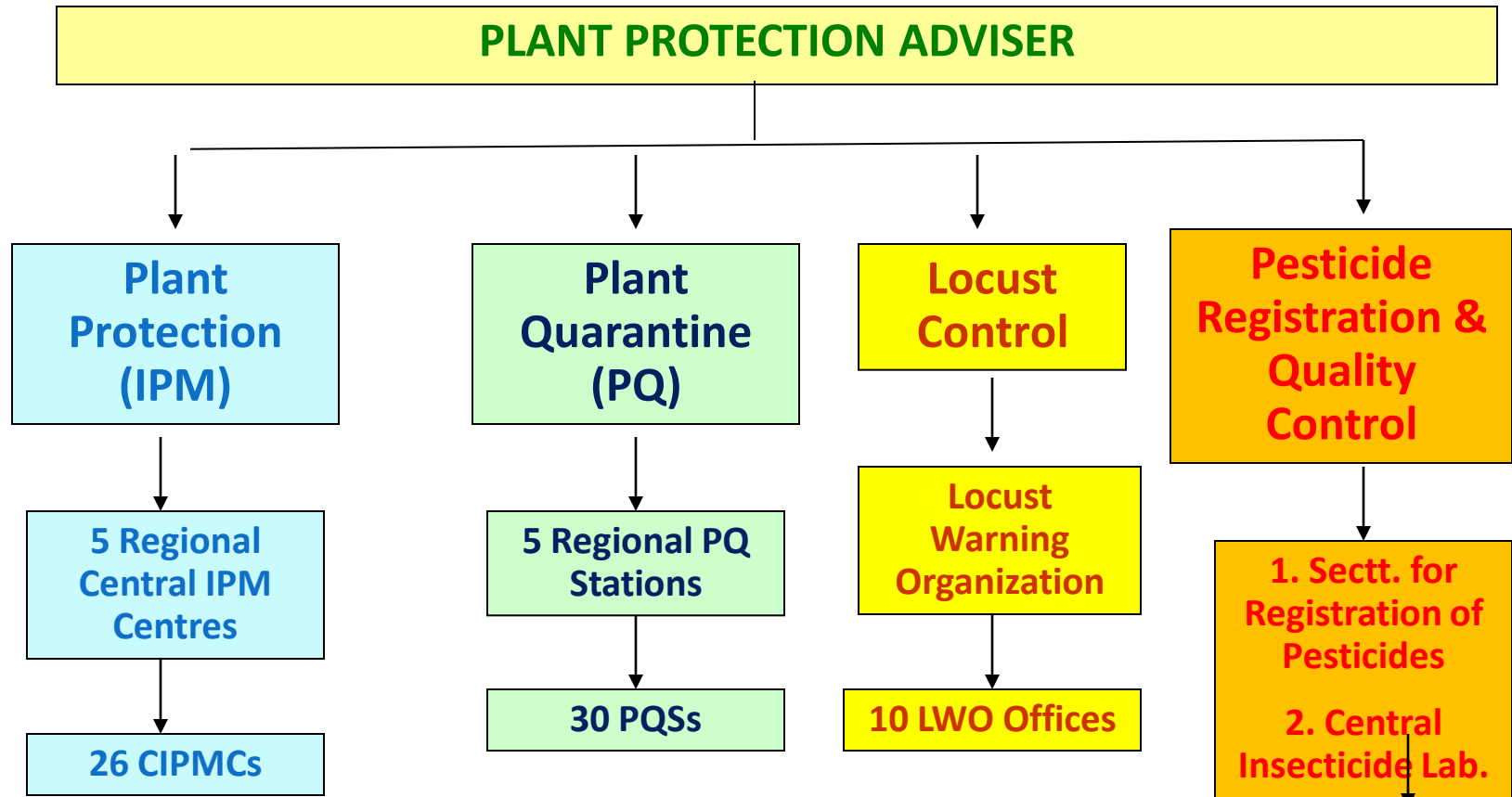
Plant
Protection
(IPM)

Plant
Quarantine

Locust
Control

Pesticide
Registration &
Quality Control

NATIONAL PLANT PROTECTION ORGANIZATION



Plant Quarantine Order

- **Schedule I: List of Entry Points**
- **Schedule IV: List of Plants/Planting material whose import is prohibited**
- **Schedule V: List of Restricted Items whose import requires Authorization + Special Conditions + Addln. Declaration**
- **Schedule VI: Restricted Items whose import requires Special Conditions + Addln. Declaration**

Plant Quarantine Order

- **Schedule VII: Items whose import is permitted based on phytosanitary certificates**
- **Schedule VIII: List of quarantine weeds**
- **Schedule X: Import Permit issuing authorities**
- **Available at www.plantquarantineindia.org**

Plant Quarantine - Set up

- **35 Plant Quarantine Stations**
 - International Airports 11
 - Sea Ports 11
 - Land Frontier 13
- **Phytosanitary certification**
 - 151 Government Officers from Central/State/UT are authorized
- **Fumigation & Treatment**
 - 375 Pest Control Agencies accredited for methyl bromide & phosphine fumigation
 - 169 Forced Hot Air Treatment Providers accredited

Plant Quarantine - Activities

Activities		Unit	2009-10	2010-11
IMPORT	Import Permit issued	In Numbers	27,759	27,053
	Plant/Plant Material Inspected & Released	Million Tons	12.3	63.3
		Million Numbers	60.7	44.1
EXPORT	PSC Issued	In Numbers	172,206	196,678
	Quantum of Plants/ Plant Material certified	Million Tons	11.0	34.9
		Million Numbers	20.1	66.9

Plant Quarantine - New Initiatives

- 22 new PQ Stations to service additional entry points being set up
- ISO Certification for PQ Stations for quality service being obtained
- Online Plant Quarantine services launched in January 2011 (www.plantquarantineindia.nic.in)
- Establishment of National Agricultural Biosecurity System (NABS) on the anvil with new legislation

Integrated Pest Management

- **Pest surveillance**
- **Popularization of IPM among farmers through Farmers' Field Schools**
- **Human Resource Development in IPM by imparting training to extension officials**
- **Production and release of bio-control agents**

Integrated Pest Management

- 31 Central Integrated Pest Management Centers
- Consumption of pesticides in India is now 41,822 metric tons (technical grade) compared to 75,033 metric tons in 1995 while biopesticide consumption is 3,395 metric tons partly due to IPM approach
- More details available at www.ppqs.gov.in

Pesticide Management

- Insecticides Act, 1968 regulates pesticides
- Central Insecticides Board advises Government on all aspects relating to management of pesticides
- Registration Committee registers pesticides after verifying chemical, bio-efficacy and safety aspects
- Inspectors draw samples of pesticides for quality check by pesticide testing laboratories Central Insecticides Lab., Regional Pesticide Testing Labs. (2) and State Pesticide Testing Labs. (68)
- 230 pesticides registered so far
- Details available at www.cibrc.gov.in

Pesticides Management

Recent Initiatives

- **New Legislation introduced in Parliament in 2008**
- **Online Pesticide Registration System launched in 2009**
- **National Pesticide Reference Repository (NPRR) being set up**
- **National Pesticides Investigational Laboratory (NPIL) being set up**
- **Bio-Pesticides Testing facilities being set up**
- **Pesticides Residue Monitoring at National level**

Locust Control

- Locust Warning Organization monitors and controls locust activity in 200,000 sq. km. of desert area in western India
- Has 10 offices and a field investigation lab.
- Shares information with FAO
- Holds regular border meetings with plant protection officials from Pakistan

Capacity Building in Plant Protection

- National Institute of Plant Health Management, Hyderabad made autonomous in 2008
- Faculty and infrastructure being expanded
- Aims to provide training and hold workshops on regional plant protection issues for officials from Asian countries
- Training programmes available at www.niphm.gov.in
- Can be contacted at niphm@nic.in

Our Websites



www.plantquarantineindia.org

www.cibrc.gov.in

www.agricoop.nic.in

www.plantquarantineindia.nic.in

www.ppqs.gov.in

www.niphm.gov.in



Thank You