

**THE TWENTY SIXTH SESSION OF THE
ASIA AND PACIFIC PLANT PROTECTION COMMISSION (APPPC)**

31 AUGUST – 4 SEPTEMBER 2009

NEW DELHI, INDIA

**COUNTRY REPORT
MALAYSIA**



Agriculture in Malaysia

Arable Land – 33 million ha

CROP	HACTERAGE (Million ha)
Oil Palm	4.16*
Rubber	1.23**
Rice	0.7
Cocoa	<0.3***
Fruits	0.27
Vegetables	0.038
Others (exclude forest)	2.2

Source : * Malaysia Palm oil Board Report 2007

** Ministry of Plantation Industries and Commodities Report 2007

*** Malaysian Cocoa Board Report 2007

Department of Agriculture Malaysia Report 2007 estimate

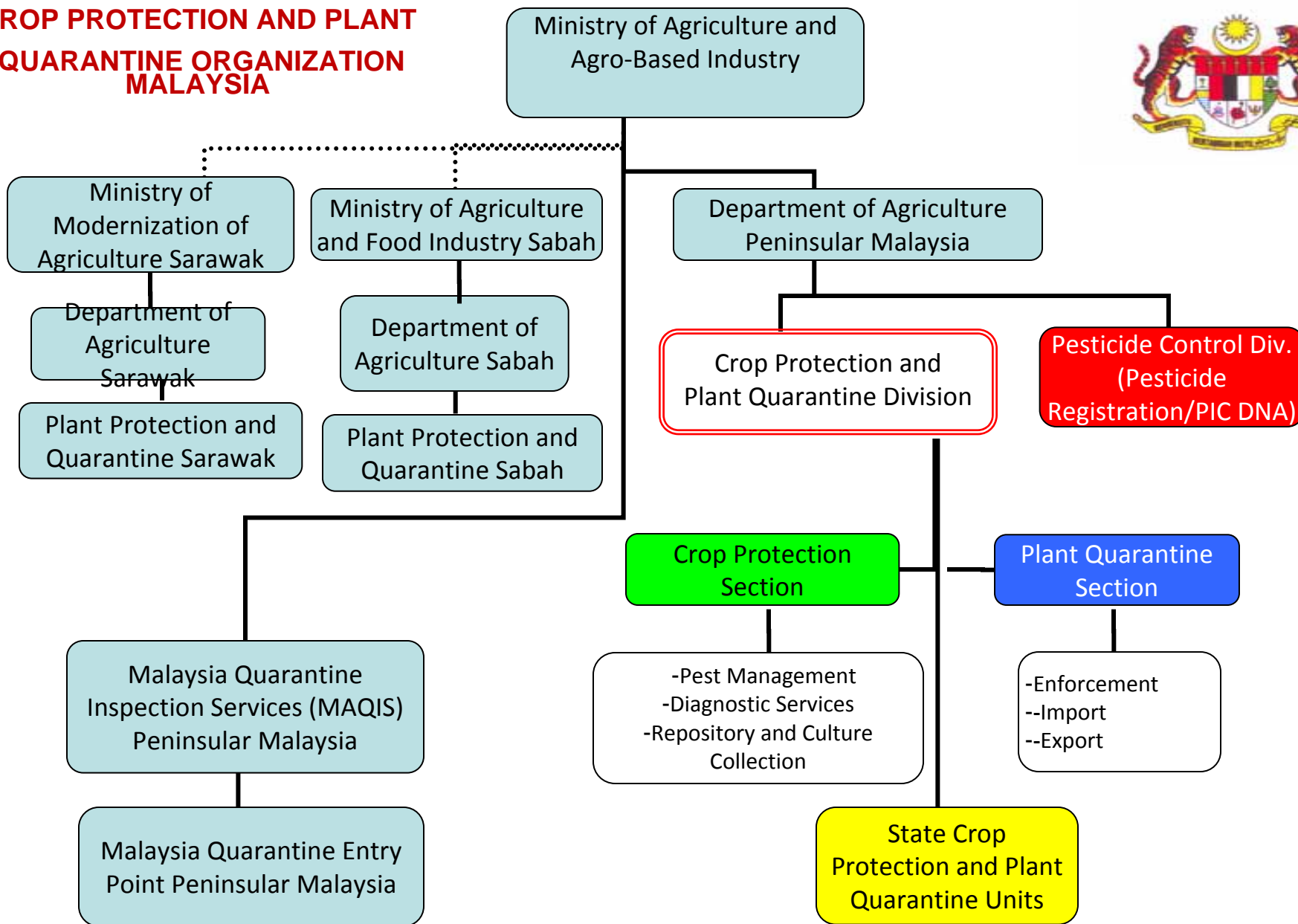


CROP PROTECTION AND PLANT QUARANTINE ORGANIZATION



PLANT QUARANTINE ACT 1976 AND
PLANT QUARANTINE REGULATIONS 1981

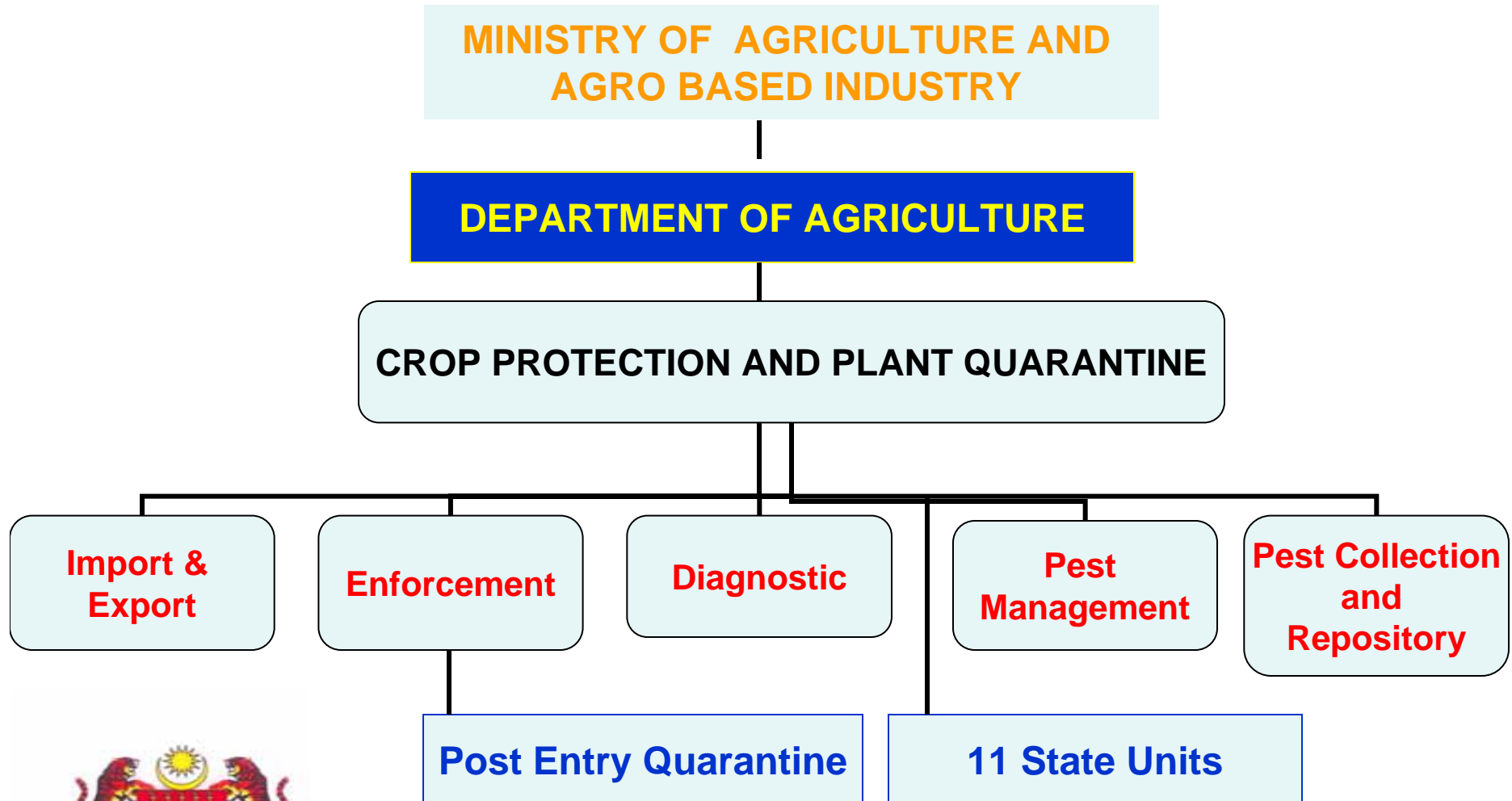
ORGANIZATION CHART CROP PROTECTION AND PLANT QUARANTINE ORGANIZATION MALAYSIA



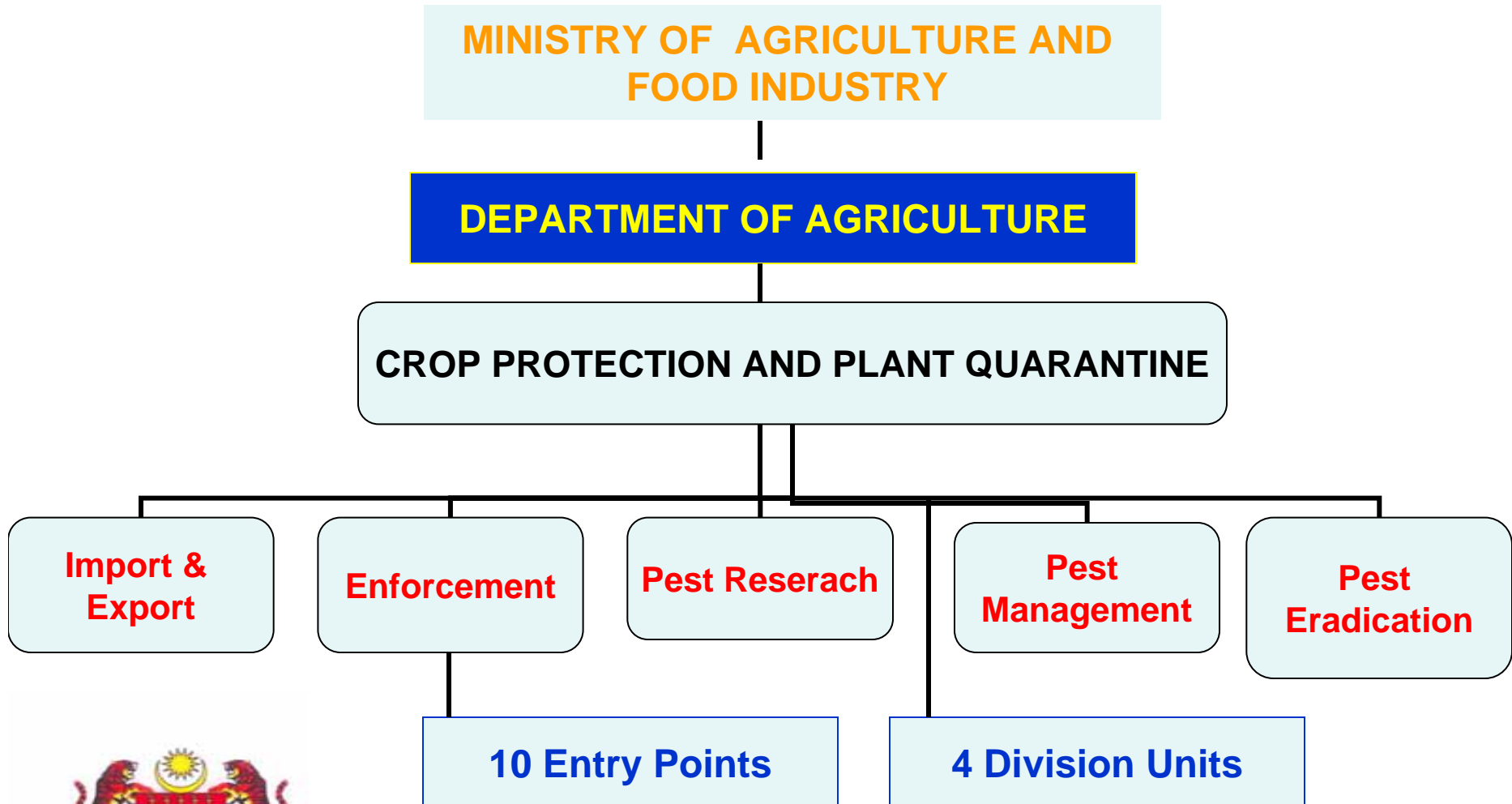
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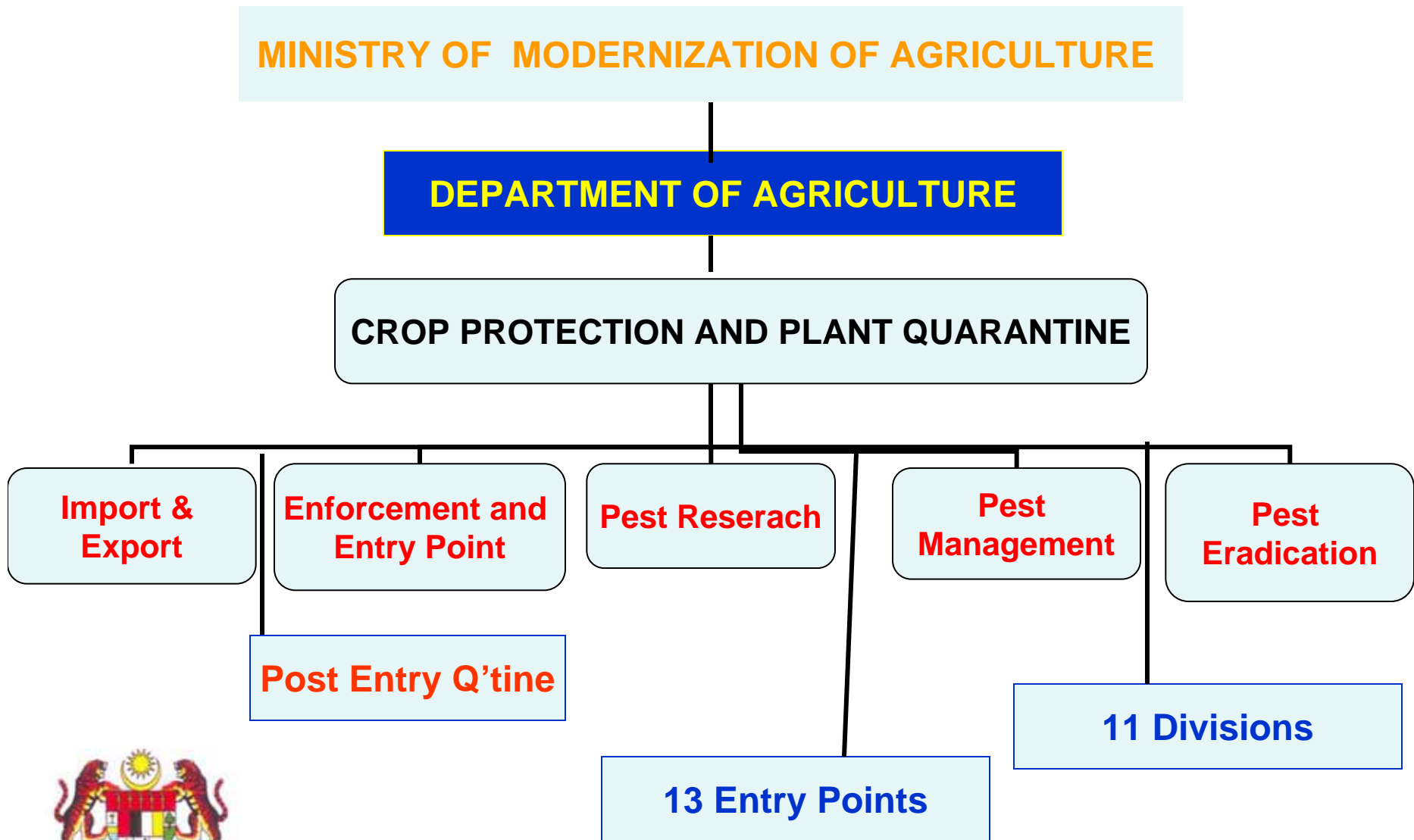
Organisational Chart – Crop Protection and Plant Quarantine Division, DOA – PENINSULAR MALAYSIA



Organisational Chart – Crop Protection and Plant Quarantine Division, DOA – SABAH



Organisational Chart – Crop Protection and Plant Quarantine Division, DOA – SARAWAK



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Implementation of the WTO/SPS rules

- Roles of NPPO Malaysia

1. Review of the PQ legislation, procedures and guidelines.
2. Harmonize and enforcement of PQ legislation, procedures and guidelines within the component regions.
3. Initiate and establish bilateral activities.
4. Prevent the introduction and entry of quarantine pest into the country.
5. Notifications on plant quarantine matters.
6. Facilitate trade among trading partners.
7. Domestic quarantine
8. Crop protection



AKTA KUARANTIN TUMBUHAN 1976
(Akta 167)



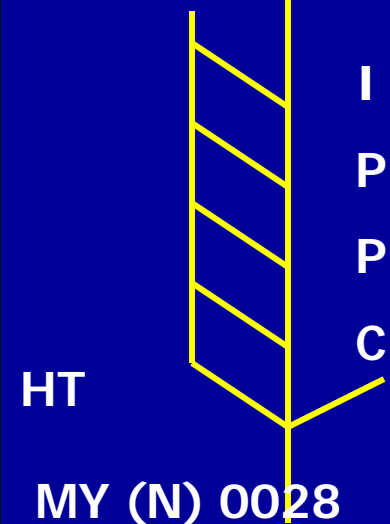
Implementation of International Pesticide Conventions - Roles of NPPO Malaysia

1. As Designated National Authority (DNA) for the Rotterdam Convention for pesticides and works in collaboration with other National Authority (NA) or Focal Point (FC) in the country in fulfilling Malaysia's obligation to each agreement.
2. Reviews pesticides legislation, procedures and guidelines in accordance to requirements of international agreements.
3. Prevents the introduction of illegal pesticides and banned pesticides and enforcement of Pesticides rules, procedures and guidelines in accordance to international agreements.
4. Initiate and establish bilateral activities for resolving and harmonize Minimum Residue Level issues among trading parties.
5. Controls the import of registered pesticides into the country and supports the requirements of importing countries.



ISPMs # 15

- Malaysia has put in place a systematic certification scheme for treatment providers (fumigation and heat) for wood packaging to comply with the international standard for export
- Since January 2005 all exports of wood packaging materials must be treated by the certified treatment providers
- ISPMs # 15 for import will be implemented in January 2010



The Malaysian Phytosanitary Certification Assurance Scheme (MPCA Scheme)

- Fine tuning of the Scheme's standard operating procedure (SOP) to meet the importing countries requirements
- To date 39 premises have been registered under the Scheme
- Crops under the Scheme:
 - ornamental plants, orchid plants, aquatic plants turf and foliages



Malaysia Agriculture Fumigation Accreditation Scheme (MAFAS) & Malaysia Agriculture Heat Treatment Accreditation Scheme (MAHTAS)

- Since the implementation of both the Schemes:
 - 66 fumigation companies were registered under MAFAS by the NPPO Malaysia
 - 70 heat treatment providers were registered under MAHTAS by the NPPO Malaysia
- Established joint audit system with Australia and plan to extend to other trading partners



Vapor Heat Treatment (VHT) Facilities

- ❖ Purchased 3 VHT units, with a 5 tonne capacity each, to carry out phytosanitary treatment for the purpose of export of fresh fruits.
- ❖ Commodities: mango, mangosteen, papaya etc.
- ❖ Propose to export VH treated mangoes to Japan by 2010.



Electronic Permit (E-Permit) (Import Permit and Export License)

- 1. Malaysian Government started the paperless system on the application of permits and licenses in all the government sectors.**
- 2. NPPO Malaysia under the Department of Agriculture (DOA) Peninsular Malaysia launched the E-permit system on 1st June 2007. DOA Sabah and Sarawak are in the process of establishing the system.**
- 3. The E-permit system allows the application, processing and approval of import permit and export license through the electronic system.**
- 4. The approved permit or license generated electronically do not have the official signature of the NPPO Malaysia.**

Pest Surveillance

- In general were at lower level
- Major pests :
- paddy

PEST	HA
Brown plant hopper (<i>Nilaparvata lugens</i>)	841
White plant hopper (<i>Sogatella furcifera</i>)	566
Golden apple snail (<i>P. canaliculata</i>)	6580
Rat	4599
Tungro virus	80
PMV	30



IPM

■ Golden apple snail (*Pomacea canaliculata*)



Furcraea selloa.

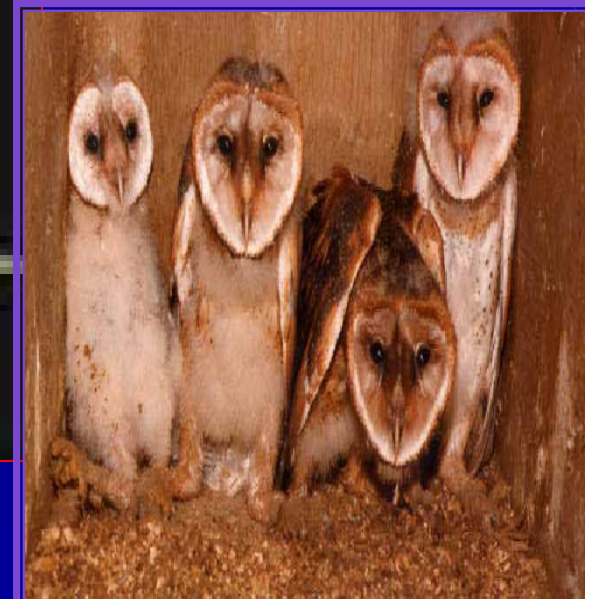
RATS CONTROL USING BARN OWLS



Order: Strigiformes
Famili: Tytonidae
Subfamili: Tytininae
Genus: *Tyto*
Spesis: *alba*
Subspesis: *javanica*



Reduce rats infestation
to $\leq 1\%$



Surveillance on barn owls occupancy



**Average occupancy
rate: 65 – 85%**



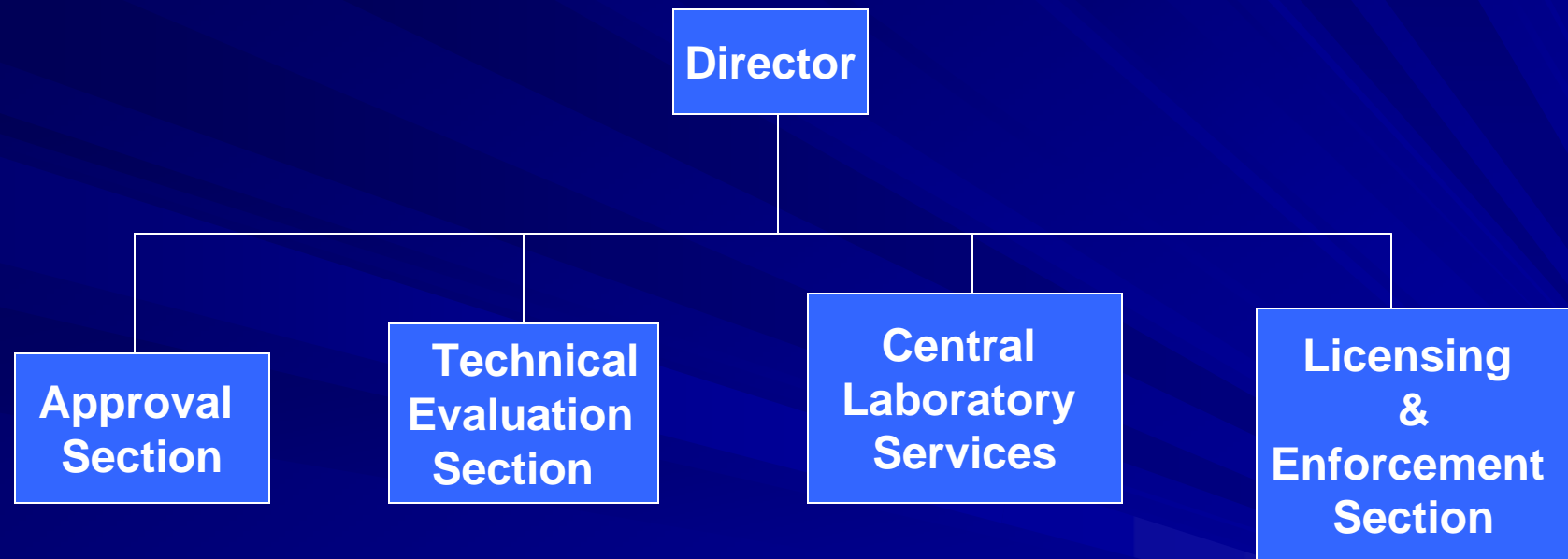
Plant Quarantine Pest

- Papaya Die Back (*Erwinia papayae*)
 - gazetted as plant quarantine pest on September 2009
- plan of action on eradication and containment programme had been in place
- eradication and containment programme will be carried out after stakeholder briefing





Organizational Chart Pesticides Control Division



Pesticides Act

- Amendment of Licensing and Registration Regulation
 - to increase licence fee and registration fee according to class of pesticides
- Proposed new Regulation for Control of Manufacturing
 - ensure wider scope of enforcement authority and better control of manufacturer and contract manufacturer



Establishment of export laboratory



Purpose: To conduct minimum residue limit analysis for agricultural produce

Implementation of International Convention

- Rotterdam Convention
COP 4, Rome 27-31 October 2008
Inclusion of tributyltin (tbt) in Annex III
- initiated Chemical Review on tbt
- Montreal Protocol
MOP 19, Montreal 17-21 September 2007
Phase-out Schedule for Methyl Bromide
- set limits on national non-PQ usage



Status of ratification and Implementation of International Conventions on Pesticide Management

Montreal Convention

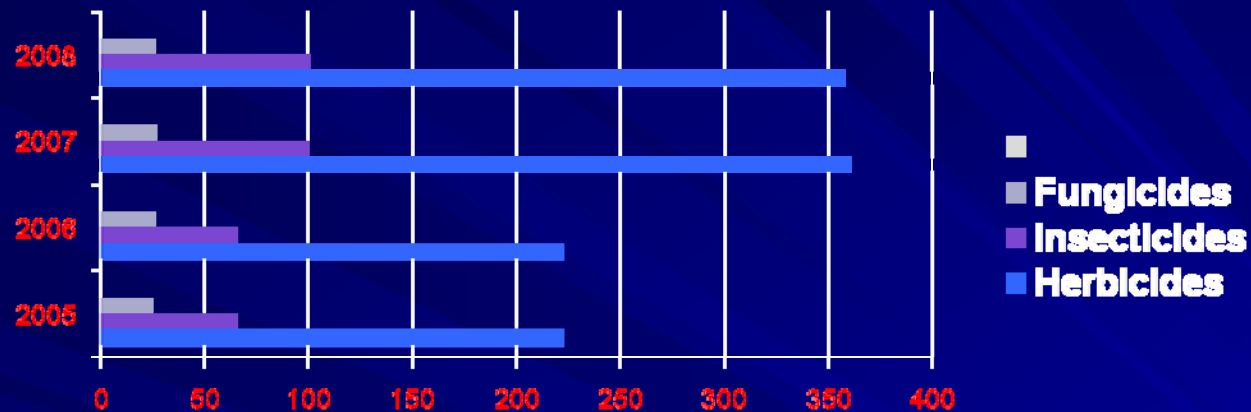
- Ratified 29 August 1989
- Listed under Article 5 Countries
- Only pesticide –Methyl bromide

Fulfilled obligations in phase-out schedule of methyl bromide 20% reduction 2005

(except for exemption for quarantine and pre shipment purposes)



National Trends in Pesticides Use



2008

> 35% growth in total pesticides usage since 2006

> Composition

- 71% herbicides
- 20% insecticides
- 5% fungicides
- 4% others

> Class III and IV majority



THANK YOU

