2.3 CAMBODIA

I. GENERAL INFORMATION

Overall Executive Summary

The Plant Protection and Phytosanitary Inspection Office (PPPIO) as Cambodia's NPPO has recently been upgraded as the Plant Protection and SPS Department (PP-SPSD) of the General Directorate of Agriculture (GDA). NPPO was previously under the supervision of the former Department of Agronomy and Agricultural Land Improvement (DAALI).

The Government of Cambodia has endorsed Sub-Degree No. 188 (14/11/2008) with the establishment of GDA which consists of nine departments. One of these is the Plant Protection Sanitary and Phytosanitary Department (PP-SPSD) that has the following roles and responsibilities:

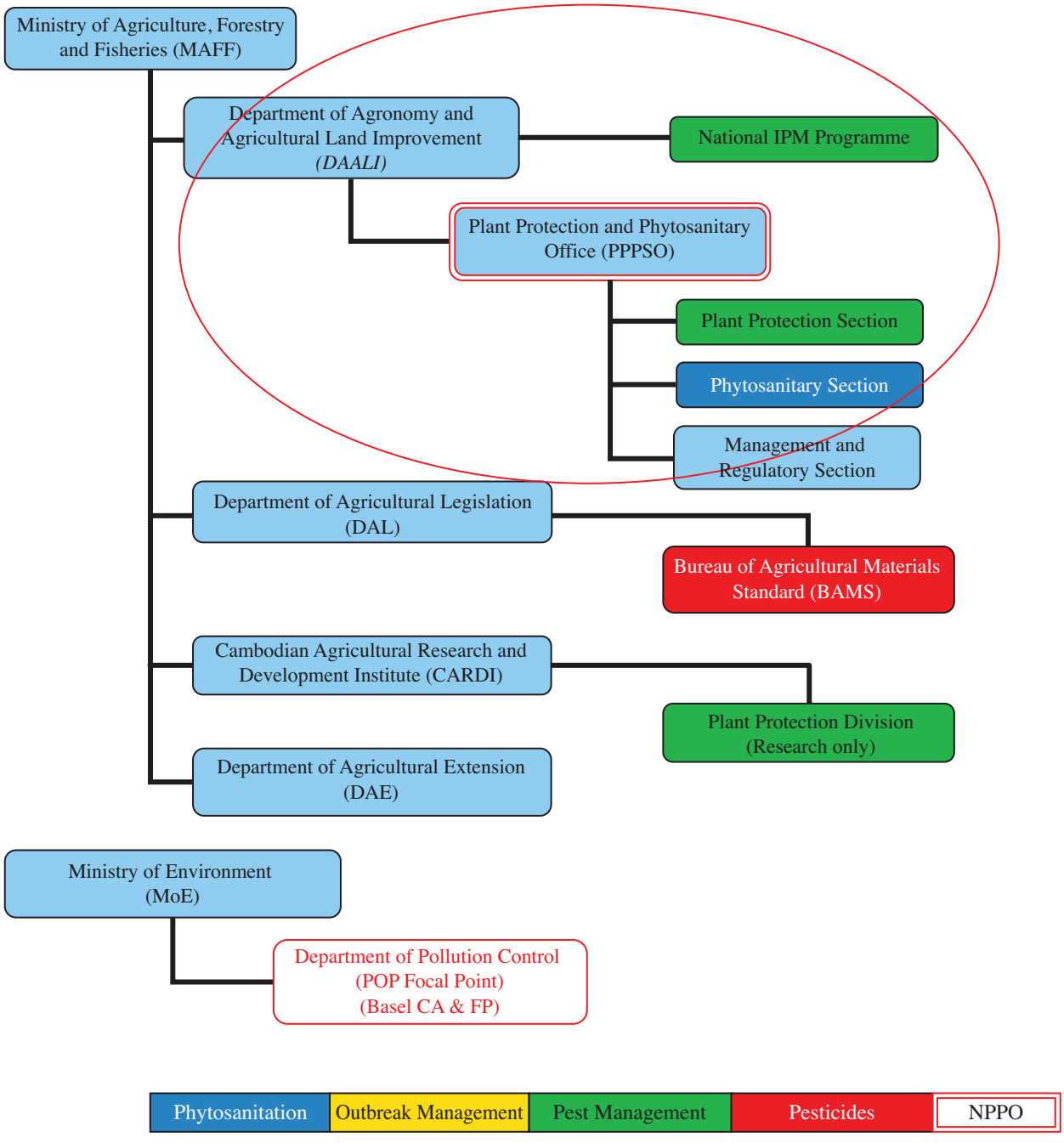
- To prepare the policy, plan, project, development programmes, the measure to *reduce* the crop production loose caused by pest, to *manage* chemical substances used to prevent, control, repellant, grow regulate (and all other pesticide actives) pest and all agent or biological substances used for the above mentioned purpose and for soil fertility improvement in order to increase productivity and plant production in the sound of sustainable of natural resources and biodiversity of the environment;
- To prepare the plant product *quality standards*, the *assurance system of safety* and quality of plant product, policy plant project development programmes to *improve* the quality and safety of plant product in order to assure the quality and safety of plant product to consumer, market and encourage the export of plant product;
- To prepare the *regulation* and to be the *regulatory service* in the management of *plant protection work, safety of food* originally from plant product and *phytosanitary inspection* according to the Government policy and SPS agreement of WTO;
- To direct, manage and encourage the *research activities* of research institution under its manage and in cooperation with the agricultural extension department and local organizations to encourage the *extension* of plant protection, phytosanitary and production measures to improve the quality and safety of product to farmers, farmer organization, investor and private sector for increasing their benefits and family income to improve population's welfare and facilitate the exportation of agricultural product;
- *supporting service to the seed inspector* by playing a role of regulatory authority for inspecting all the seed transportation across the border;
- To persuade, facilitate and *encourage private sector to invest* the supporting service for plant protection, phytosanitary and improving quality of agricultural product;
- *technical advisor* and a service in *pest control* intervention, in *assessment of chemical* substances used to prevent, control, repellant, grow regulate (and all other pesticide actives) pest and all agent or biological substances used for the above mentioned purpose and for soil fertility improvement and in *assessment of quality* of agricultural
- To liaison, cooperate and implement the convention, agreement related in national, regional and international level
- To implement other duties as given by Director Team of General Directorate.

This newly endorsed Sub-Degree just described the general mandate of these nine departments. Ministerial regulations are being drafted for each department and will be submitted to the Ministry of Agriculture, Forestry and Fisheries (MAFF) for approval.

As a result, it is not possible yet to fully update information in Cambodia's plant protection profile.

Plant Protection Organization Chart

The information presented below is partially updated. Otherwise, it is the same as the information presented earlier in the previous edition of the plant protection profiles from Asia-Pacific countries, which was published in 2007.



Important Contact Addresses

Responsible Ministry/Ministries

Ministry of Agriculture, Forestry and Fisheries (MAFF)
No. 200, Preah Norodom Blvd., Sangkat Tonle Basak, Khan Chamkarmon,
Phnom Penh, Cambodia
Tel: (023) 211 351, 211 352
Fax: (855) 23 217 320
Website: http://www.maff.gov.kh

Responsible Department

General Directorate of Agriculture (GDA)
Mr So Khan Rithykun, Acting Director General
Tel: (855) 12 833777

Dr Hean Vanhan, Deputy Director General in charge on plant protection, SPS and International

Tel: (855) 12818216 / (855) 16818216
Fax: (855) 23216655
E-mail: heanvanhan@gmail.com

National Plant Protection Organization *(if different from Focal Point)*

Plant Protection, Sanitary and Phytosanitary Department (PP-SPSD)
Dr Hean Vanhan, Deputy Director General in charge on plant protection, SPS and International Cooperation (Official NPPO)
Tel: (855) 12818216 / (855) 16818216
Fax: (855) 23216655
E-mail: heanvanhan@gmail.com

Dr Preap Visarto, Acting Director of PP-SPSD (Optonal NPPO)
Tel: (855) 11622916

Address for nominations

General Directorate of Agriculture (GDA)
Dr Hean Vanhan, Deputy Director General in charge on plant protection, SPS and International

#56B, Road 365, Teuk Laok III, Tuolkok, Phnom Penh, Cambodia
Tel: (855) 12818216 / (855) 16818216
Fax: (855) 23216655
E-mail: heanvanhan@gmail.com

Operational Offices:

Plant Protection

Plant Protection, Sanitary and Phytosanitary Department (PP-SPSD)

- *Dr Preap Visarto, Acting Director of PP-SPSD/GDA*
  Tel: (855) 11622916
- *Dy Sam An, Deputy Director of PP-SPSD/GDA*
  Tel: (855) 12336934
- *Mr Heng Chhunhy, Deputy Director of PP-SPSD/GDA*
  Tel: (855) 12954963
  #56B, Road 365, Teuk Laok III, Tuolkok, Phnom Penh, Cambodia

Plant Quarantine

Plant Protection, Sanitary and Phytosanitary Department (PP-SPSD)

- *Dr Preap Visarto, Acting Director of PP-SPSD/GDA*
  Tel: (855)11622916
- *Dy Sam An, Deputy Director of PP-SPSD/GDA*
  Tel: (855) 12336934
- *Mr Heng Chhunhy, Deputy Director of PP-SPSD/GDA*
  Tel: (855) 12954963
  #56B, Road 365, Teuk Laok III, Tuolkok, Phnom Penh, Cambodia

Surveillance, Pest Outbreaks and Invasive Species Management

Plant Protection, Sanitary and Phytosanitary Department (PP-SPSD)

- *Dr Preap Visarto, Acting Director of PP-SPSD/GDA*
  Tel: (855)11622916
- *Dy Sam An, Deputy Director of PP-SPSD/GDA*
  Tel: (855) 12336934
- *Mr Heng Chhunhy, Deputy Director of PP-SPSD/GDA*
  Tel: (855) 12954963
  #56B, Road 365, Teuk Laok III, Tuolkok, Phnom Penh, Cambodia

Pesticide Registration (Pesticide Regulatory Agency)

Department of Agricultural Legislation (DAL)
Mr Uk Siphan, Director
Ministry of Agriculture, Forestry and Fisheries (MAFF)
No. 200, Preah Norodom Blvd., Sangkat Tonle Basak, Khan Chamkarmon,
Phnom Penh, Cambodia
Tel: (855) 12807806

Bureau of Agricultural Materials Standards (BAMS) of DAL

Mr Chea Chan Veasna, Chief Office
No. 200, Preah Norodom Blvd., Sangkat Tonle Basak, Khan Chamkarmon,
Phnom Penh, Cambodia
Tel: (855) 12841867

Pesticide Management (Technical Adviser to MAFF for Pesticide evaluation)

1. Plant Protection, Sanitary and Phytosanitary Department (PP-SPSD)
   - *Dr Preap Visarto, Acting Director of PP-SPSD/GDA*
     Tel: (855) 11622916
   - *Dy Sam An, Deputy Director of PP-SPSD/GDA*
     Tel: (855) 12336934
   - *Mr Heng Chhunhy, Deputy Director of PP-SPSD/GDA*
     Tel: (855) 12954963
     #56B, Road 365, Teuk Laok III, Tuolkok, Phnom Penh, Cambodia

2. National Agricultural Lab of GDA
   - *Mrs Um Vannary, Director of NAL/GDA*
     Tel: (855) 12960351
   - *Mr Loan Socheata, Senior of Pesticide Lab of NAL/GDA*
     Tel: (855) 12871856
     #56B, Road 365, Teuk Laok III, Tuolkok, Phnom Penh, Cambodia

Other Useful Contact Addresses

Department of Agricultural Extension

Department of Agricultural Extension (DAE)
Mr Mak Soeun, Director
Ministry of Agriculture, Forestry and Fisheries (MAFF)
No. 200, Preah Norodom Blvd., Sangkat Tonle Basak, Khan Chamkarmon,
Phnom Penh, Cambodia
Tel: (855) 12826617

Official International Contact Points

National Plant Protection Organization (NPPO) Contact Point (for IPPC/APPPC)

General Directorate of Agriculture (GDA/MAFF)
Dr Hean Vanhan, Deputy Director General in charge on plant protection, SPS and International Cooperation (Official NPPO)
Tel: (855) 12818216 / (855) 16818216
Fax: (855) 23216655
E-mail: heanvanhan@gmail.com

Dr Preap Visarto, Acting Director of PP-SPSD (Optonal NPPO)
Tel: (855) 11622916

Language(s): English
Contact point received: 16/12/2003 Source: NPPO correspondence

WTO SPS Enquiry Point

Cambodia Import Export Inspection and Fraud Repression Department (CAMCONTROL), Ministry of Commerce.
#50Eo, Street 144
Phnom Penh, Cambodia
Tel/Fax: (855) 23426166
E-mail: camcontrol@camnet.com.kh

ASEAN SPS Enquiry Point for MAFF

General Directorate of Agriculture (GDA/MAFF)
Dr Hean Vanhan, Deputy Director General in charge on plant protection, SPS and International Cooperation (Official NPPO)
Tel: (855) 12818216 / (855) 16818216
Fax: (855) 23216655
E-mail: heanvanhan@gmail.com

Rotterdam Convention (PIC) DNA Pesticides (P)

Bureau of Agricultural Materials Standards (BAMS) of DAL
Mr Chea Chan Veasna, Chief Office
Tel: (855) 12841867
No. 200, Preah Norodom Blvd., Sangkat Tonle Basak, Khan Chamkarmon,
Phnom Penh, Cambodia

Stockholm Convention (POP) National Focal Point (P)

Political Focal Point

Ministry of Environment
H.E. Mr Khieu Muth, Secretary of State
#48 Samdech Preah Sihanouk
Tonle Bassac, Chamkarmon
Phnom Penh, Cambodia
Tel: (855) 16 821 180
Fax: (855) 23 219 287
E-mail: moe@online.com.kh

Technical Focal Points

Department of Pollution Control
Mr Ken Choviran, Deputy Director
Ministry of Environment
#48 Samdech Preah Sihanouk
Tonle Bassac, Chamkarmon
Phnom Penh, Cambodia
Tel: (855) 12 856 818
Fax: (855) 23 987 880
E-mail: moepcd@online.com.kh

Basel Convention Competent Authority (CA) and Focal Point

Department of Pollution Control

Ministry of Environment
48, Samdech Preah Sihanouk
Tonle Bassac, Chamkarmon
Phnom Penh, Cambodia
Tel: (855) 12 85 68 18
Fax: (855) 23 21 25 40 or 98 78 80
E-mail: moepcd@online.com.kh

Environmental Pollution Research and Technology Management
Vice Chief
Department of Pollution Control
Ministry of Environment
48, Samdech Preah Sihanouk
Tonle Bassac, Chamkarmon
Phnom Penh, Cambodia
Tel: (855) 23 21 04 92
Fax: (855) 23 21 25 40 or 98 78 80
E-mails: choviran@hotmail.com or
moepcd@online.com.kh

Selected Country Statistics

Agricultural Population	9.6 million	Agricultural Land	3.8 million ha
GDP US$4 299 million	Agric. GDP: 35.6%	GNI per capita: US$380	Undernourishment: 33%
Main crops grown:			

GDP = Gross Domestic Product; GNI = Gross National Income; Undernourishment = Population below minimum energy requirement

II. PLANT QUARANTINE

The information presented below is not updated and is the same as the information presented earlier in the previous edition of the plant protection profiles from Asia-Pacific countries, which was published in 2007.

List of Key Legislation/Regulations/Rules

Prakas (Ministerial Regulation) No. 522 on the creation and role of the office and organization under DAALI (Dated 30 September 2003): *DAALI responsible in Plant Quarantine Activity*.

2003 Sub-Decree (Government Regulation) No. 15 on the Phytosanitary Inspection (Dated 13 March 2003): *which appointed PPPSO of DAALI as Cambodian Plant Quarantine Authority (PQA)*.

2001 Sub-Decree No. 69 on the management of border check points (09/07/01): Plant and animal quarantine staff are not included in the team of border check point inspectors.
Sub-Decree No. 6 on the management of international airport of the Kingdom of Cambodia (30/03/04): *Plant and animal quarantine staff are included in the team of border check point inspectors*.

(prep.) Sub-Decree on the management of the entry exit border check point at the sea and river port of the Kingdom of Cambodia: *Plant and animal quarantine staff may/will be included in the team of border check point inspectors*.

(prep.) Sub-Decree on the management of the entry-exit check point at the land border of the Kingdom of Cambodia: *Plant and animal quarantine staff may/will be included in the team of border check point inspectors*.

Web source for further information: –

(regarding plant quarantine)	Yes	No
Does phytosanitary legislation cover domestic quarantine?	x	
Does phytosanitary legislation cover import quarantine?	x	
Does phytosanitary legislation cover export quarantine?	x	
Does phytosanitary legislation cover living modified organisms?		x
Is plant quarantine a separate organization from animal quarantine?	x	
Other policy initiatives (under review/progress) protect the agriculture production and biodiversity.		
Web source for further information: www.maff.gov.kh / www.ippc.int		

Organization of Plant Quarantine Functions	Responsible Organizational Unit (Ministry/Department/Unit)
Pest Risk Analysis	MAFF/DAALI/PPPSO/Phytosanitary Section
National standards development	MAFF/DAALI/PPPSO/Phytosanitary Section
International notifications	MAFF/DAALI/PPPSO/Phytosanitary Section (IPPC/APPPC) MOC/CAMCONTROL/(for WTO SPS)
Import permits	MAFF/DAALI/PPPSO/Phytosanitary Section
Import inspections	MOC/CAMCONTROL
Emergency action	MAFF/DAALI/PPPSO/Phytosanitary Section
Phytosanitary certificates	MAFF/DAALI/PPPSO/Phytosanitary Section
Treatment of commodities	MAFF/DAALI/PPPSO/Phytosanitary Section Authorized pest control services

Infrastructure	Year: 2006
Number of plant quarantine officers authorized to inspect/certify	35
Total qualified personnel for plant pest risk analysis	5
Number of quarantine offices	
entry points (sea/air/land/mail = total)	0/1/0/0 = 1
post-entry plant quarantine containment facilities	0
other offices	0
Number of quarantine service diagnosis laboratories	1
In-country recognized pest diagnostics capabilities (incl. universities, etc.)	2
Number of laboratories for insect/mite (arthropod) samples	2
Number of laboratories for bacteria samples	0
Number of laboratories for virus samples	0
Number of laboratories for fungus samples	2
Number of laboratories for mycoplasma samples	0
Number of laboratories for nematode samples	0
Number of laboratories for plant/weed samples	2
Number of laboratories for other pests (snail, slug, rodents, etc.)	0

Pest Free Areas According to ISPM 10	Responsible Organizational Unit (Ministry/Department/Unit)
Overall management	MAFF/DAALI
– surveillance	MAFF/DAALI/PPPSO/Plant Protection Section
– management	MAFF/DAALI/PPPSO/Plant Protection Section
– certification	MAFF/DAALI
List of target pest species and crops ISPM 4	Number of sites in 2008
List of target pest species and crops ISPM 10	Number of sites in 2008

Key Situation Indicators

International Trade		Year: 2006
Main Import Plant Commodities	Main countries/areas of origin	Quantity (tons)
Cigarettes	Thailand, Singapore, China	
Dry mushroom	China, Singapore	
Main Export Plant Commodities	Main destination countries	
Anacardium occidentale (Cashew nut)	India, China	25
Arachis hypogaea (Groundnut)	Taiwan	15
Glycine max	Taiwan	5
Hevea brasiliensis (Rubber wood)	Republic of Korea, Malaysia, Taiwan, Thailand, China	47
Manihot esculenta (Tapioca starch)	Indonesia, Malaysia, China, Philippines	16
Nicotiana tabacum (Tobacco)	Indonesia, Singapore, Republic of Korea	13
Oriza sativa (rice) milled paddy rice	Australia, Belgium, France, Malaysia, New Zealand, USA, Thailand, Italy, Taiwan	27
Phellinus linteus (Dry Mushroom)	Republic of Korea	8
Piper nigrum (Black pepper)	UK	1

Sesamum indicum (Seasame)	China, Taiwan	11
Vigna radiata (Mungbean)	Taiwan	10
Zea mays (pigeon corn)	Hong Kong, Republic of Korea, Taiwan	26

Cooperation Projects			
Title (Purpose/Target)	Donor	Amount	Years (start-end)
Agric. Productivity Improvement Project	World Bank	<$10 million	1999-2005
Phytosanitary Capacity Dev. Proj. Phase 1 Installation of NPD and SOM	NZAID	?	2001-2005
Phytosanitary Capacity Dev. Proj. Phase 2 Pest surveillance, diagnosis and PRA	NZAID AusAID	AU$29 089 + NZ$37 552	2007-2009
Title of government follow-up programmes		Amount	Years (start-end)

Key Operation Indicators

Institutional Functions	Year: 2006
Number of import permits issued	19
Number of import inspections carried out	0
Number of emergency phytosanitary treatments taken on imports	0
Number notifications of non-compliance	0
Number of conventional phytosanitary certificates issued	0
Number of electronic phytosanitary certificates issued	287

Number of quarantine pests intercepted		Year: 2006
Top three commodity	Top three pest/commodity	# of interceptions

Lists of Regulated Pests	Year of last update	Insects	Pathogens	Plants
Number of quarantine pests	2004	119	38	13
Number of regulated non-quarantine pests				
Number of regulated import articles		27 plant genera		
Website for the above information: –				

Pest Risk Analysis	Insects	Pathogens	Plants
No. of PRA completed and documented (according to ISPM)	0	0	0
Web source for further information: –			

Progress and Constraints

Main Progress in Recent Years (legislation, policies, infrastructure, investments, training, etc.)
• National Phytosanitary Database have been set up (NZAID) • Capacity building for staffs on pest surveillance, pest list (entomology and plant pathology) (AusAID: SPS capacity building for ASEAN; NZAID II) • 2004 Sub-Decree No. 6 on the management of international airport of the Kingdom of Cambodia (30/03/04): *Plant and animal quarantine are included in the member of border-check point inspectors*.
Main Constraints (personnel, infrastructure, administrative, operational, training, etc.)
• No Plant Quarantine Check point at all river-port, seaport and entry-exit point of the land border. • Awareness on the advantages of Phytosanitary Inspection is still low amount related inspection agencies, exporters, shipping agencies, and policy-makers. • Plant Quarantine infrastructure is still remain a big gap below the ISPM, that is the main constrain in compliance with the importing country requirement.

Implementation of ISPM	Relevance			Implementation				Planned/Actual Year of full implementation
International Measures	low	medium	high	none	partial	most	full	
ISPM 01 Principles of plant quarantine as related to international trade		x						
ISPM 02 Guidelines for pest risk analysis					x			
ISPM 03 Code of conduct for the import and release of exotic biological control agents					x			
ISPM 04 Requirements for the establishment of pest free areas				x				
ISPM 05 Glossary of phytosanitary terms		x						
ISPM 06 Guidelines for surveillance					x			
ISPM 07 Export certification system						x		
ISPM 08 Determination of pest status in an area					x			
ISPM 09 Guidelines for pest eradication programmes					x			
ISPM 10 Requirements for the establishment of pest free places of production and pest free production sites				x				
ISPM 11 Pest risk analysis for quarantine pests					x			
ISPM 12 Guidelines for phytosanitary certificates						x		
ISPM 13 Guidelines for the notification of noncompliance and emergency action				x				
ISPM 14 The use of integrated measures in a systems approach for pest risk management					x			
ISPM 15 Guidelines for regulating wood packaging material in international trade				x				
ISPM 16 Regulated non-quarantine pests: concept and application				x				
ISPM 17 Pest reporting					x			
ISPM 18 Guidelines for the use of irradiation as a phytosanitary measure				x				
ISPM 19 Guidelines on lists of regulated pests					x			
ISPM 20 Guidelines for a phytosanitary import regulatory system				x				
ISPM 21 Pest risk analysis for regulated non-quarantine pests				x				
ISPM 22 Requirements for the establishment of areas of low pest prevalence				x				
ISPM 23 Guidelines for inspection					x			
ISPM 24 Guidelines for the determination and recognition of equivalence of phytosanitary measures				x				
ISPM 25 Consignments in transit				x				
ISPM 26 Establishment of pest free areas for fruit flies (Tephritidae)				x				
ISPM 27 Diagnostic protocols for regulated pests				x				
ISPM 28 Phytosanitary treatments for regulated pests								
ISPM 29 Recognition of pest free areas and areas of low pest prevalence								
ISPM 30 Establishment of areas of low pest prevalence for fruit flies (Tephritidae)								
ISPM 31 Methodologies for sampling of consignments								

Comments/Constraints
- No enough capacity to implement;
- No infrastructure
- No supporting

III. SURVEILLANCE, PEST OUTBREAKS AND INVASIVE SPECIES MANAGEMENT

The information presented below is partially updated (highlighted in grey). Otherwise, it is the same as the information presented earlier in the previous edition of the plant protection profiles from Asia-Pacific countries, which was published in 2007.

List of Key Legislation/Regulations/Rules for Surveillance, Pest Reporting and Emergency

Sub-Decree (Government Regulation) No. 15 on the Phytosanitary Inspection (Dated 13 March 2003): *the only one legislation on plant quarantine which give the obligation to plant quarantine authority to conduct the pest surveillance and take the eradication activity in case of new invaded exotic pest*.

Web source for further information: –

(regarding invasive/migratory species management)	Yes	No
National strategy to control serious field pest outbreaks?		x
National strategy to control migratory or periodically occurring pests?		x
National strategy to eradicate serious newly invaded exotic pests?		x
Other policies: (e.g. subsidies, etc.)		
Web source for further information: –		

Organization of Outbreak Management Functions	Responsible Organizational Unit (Ministry/Department/Unit)
Field/Storage Pest Outbreaks	(e.g. BPH, bollworm, etc.)
Response strategy/plans	MAFF/GDA
Surveillance	MAFF/DGA/PP-SPSD + CARDI
Control	MAFF/DGA/PP-SPSD
Migratory Pest Outbreaks	(e.g. locusts, birds, armyworm)
Response strategy/plans	MAFF/GDA
Surveillance	MAFF/DGA/PP-SPSD
Control	MAFF/DGA/PP-SPSD
New Exotic Pest Eradication	(e.g. coconut beetle)
Response strategy/plans	MAFF/GDA
Surveillance	MAFF/DGA/PP-SPSD
Control/eradication	MAFF/DGA/PP-SPSD
Reporting to bilateral or international organizations	MAFF/DGA/PP-SPSD

Infrastructure	Year: 2006
Number of designated staff for **surveillance** of field pests of national	25
Number of designated staff for s**urveillance** of migratory and periodically occurring pests	5
Number of designated staff for **surveillance** of invasive species	4
Number of designated staff for **control** of field pests of national importance	
Number of designated staff for **control** of migratory and periodically occurring pests	
Number of designated staff for **eradication** of invasive species	

Key Situation and Operation Indicators

(Outbreaks and invasions in the past 2 years)

New exotic species found established in country	Insects	Pathogens	Weeds
Total number for year: 2006			
Total number for year: 2005 and before	2		
Total number on record	2		

Eradication or internal quarantine actions taken against economically important species			
Name of species	*Brontispa longissima*		
Year of first discovery	2001		
Passway	coconut and seedling import from Viet Nam		
Location of first discovery	The provinces near Viet Nam border		
Area affected [ha]	around 75% of Palm		
Area treated [ha]	2 provinces near Viet Nam border		
Control method	Raise and release the Ascecodes hispinarum		
Expenditures	support by AusAID through FAO		

Pest outbreak actions	Outbreak 1	Outbreak 2	Outbreak 3
Name of species	BPH	Golden snail	
Year of outbreak	2003	2005	
Area affected [ha]	22 500		
Estimated damage US$			
Area treated by government [ha]			
Expenditures by government [US$]	chemical	Mechanical	
Control method			
More information			

Progress and Constraints

Main Progress in Recent Years (legislation, policies, infrastructure, investments, training, etc.)

- Four staffs of PPPSO have been trained by SPS of AusAID project on basic of pest surveillance (entomology and plant pathology);
- Have ability to raise the Asecodes hispinarum as the parasite to coconut beetle (Brontispa longissima)

Main Constraints (personnel, infrastructure, administrative, operational, training, etc.)

- No Plant Quarantine Check point at all entry-exit point of the border, It is a big risk to new invade
- Plant Quarantine infrastructure is still remain a big gap below the ISPM , that is the main constrain in compliance with the importing country requirement.

IV. PEST MANAGEMENT

The information presented below is partially updated (highlighted in grey). Otherwise, it is the same as the information presented earlier in the previous edition of the plant protection profiles from Asia-Pacific countries, which was published in 2007.

List of Key Legislation/Regulations/Rules for Pest Management

Web source for further information: –

(regarding pest management)	Yes	No
Do you have policies encouraging organic or low-pesticide use production	x	
Is IPM specifically mentioned in laws or policy documents?	x	
Do you have official Good Agricultural Practice (GAP) or any other relevant food safety (ecofood, etc.) standards for pest management?		x
Is pest management extension separate from general extension?		
Other policies: (subsidies, production inputs, etc.)		
Web source for further information: –		

Organization of Plant Protection Functions	Responsible Organizational Unit (Ministry/Department/Unit)
Policy development	MAFF/DGA
Pest management research	MAFF/DGA
Control recommendations	MAFF/DGA
Pest management extension	MAFF/DGA/PP-SPSD
IPM training	MAFF/DGA/Natl. IPM Programme
GAP training	MAFF/DGA

Infrastructure	Year:
Number of technical officers for pest management	44
Number of central, regional, provincial or state offices	24
Number of district and village level field offices	
Number of field/extension agents for pest management advice	
Number of field/extension agents trained in IPM-FFS facilitation	~200+~300 farmers
Number of government biocontrol production/distribution facilities	0
Number of government biopesticide production/distribution facilities	0
Number of general extension staff involved in pest management	
Number of designated plant protection technical officers for extension	

Key Situation and Operation Indicators

Pest Management	Yes	No
Does the country have a National IPM Programme? *If yes, give Name and Address of IPM Programme:* **National IPM Programme**, #10, Monireth St., Tuol Svay Prey II, Phnom Penh, Cambodia	x	
Does the country have specific IPM extension programmes? *If yes, in which crops?: Rice, Vegetables*	x	
Does the country have specific IPM research programmes? *If yes, in which crops?:*		x

Does the country have specific GAP extension programmes? *If yes, in which crops?:*		x
Does the country have specific GAP research programmes? *If yes, in which crops?:*		x

Market shares (estimated value, volume or area under control)	**Year:**
Size of chemical pest control market	
Size of biopesticides market	
Size of biological control agents market	

Major pest control requiring crops (requiring most pesticide applications)	**1st**	**2nd**	**3rd**
Name(s) of pest(s)			
Estimated crop loss			
Number of pesticide applications or amount of pesticide used			
Government action taken			

Cooperation Projects			
Purpose/Target	Donor	Amount	Years (start-end)
Community IPM	FAO + donors		-2002
Agric. Productivity Dev. Proj.	World Bank	$1.46 M	2000-
	DANIDA	$4.5 M	2000-2005
Purpose/Target of government follow-up programmes		Amount	Years (start-end)

Pest Management Extension	**Year:**
Number of farmers trained in IPM during the year	
Number of IPM-FFS conducted during the year	
Number of farmers trained in GAP standards during the year	
Area under IPM/low pesticide management [ha]	
Area under organic/pesticide-free management [ha]	
Crops in which IPM or other ecology friendly programmes are successfully implemented:	
Crops grown organic/pesticide-free:	

Progress and Constraints

Main Progress in Recent Years (legislation, policies, infrastructure, investments, training, etc.)
Main Constraints (personnel, infrastructure, administrative, operational, training, etc.)

V. PESTICIDE MANAGEMENT

The information presented below is partially updated (highlighted in grey). Otherwise, it is the same as the information presented earlier in the previous edition of the plant protection profiles from Asia-Pacific countries, which was published in 2007.

List of Key Legislation/Regulations/Rules

1998 Sub-Decree on Standards and Management of Agricultural Materials. The Prime Ministers signed this Sub-Decree on 28 October 1998 (Pesticide management in Cambodia was clearly mentioned in Chapter III "Pesticides" of the above Sub-Decree (Article 11-24).

1998 Sub-Decree (No. 69) on Standard and the Management of Agricultural Materials issued 28 October 1998 contains 14 articles mentioning the pesticide management procedures.

1999 Ministerial declaration (No. 038) on the creation of the Bureau of Agricultural Material Standard issued 21 January 1999.

Ministerial guideline (No. 245) on the implementation of Sub-Decree No. 69 on the Standard and the Management of Agricultural Materials issued 21 October 2002.

2003 Ministerial declaration (No. 064) on Formats of Application Forms relating to Agricultural Materials issued 27 February 2003.

2003 Ministerial declaration (No. 522) on the Mandate of the Department of Agronomy and Agricultural Land Improvement issued 30 September 2003.

Ministerial declaration (No. 598) on the Lists of Pesticide in Cambodia issued 15 December

2004 Ministerial declaration (No. 204) on Amendment of Declaration No. 064 issued 12 July

2004 Mutual declaration (No. 02/04) between MAFF and MoJ on Formats and Police of Justice for DAL/MAFF issued 26 October 2004

Web source for further information: –

(regarding pesticide management)	Yes	No
Do you have national pesticide reduction targets? *If yes, what is the target:*_____		x
Have you ratified the Rotterdam (PIC) Convention?		x
Have you ratified the Stockholm (POP) Convention?		x
Have your ratified the Basel Convention? (hazardous wastes)		x
Have your ratified the Montreal Protocol? (MeBr phasing-out)		
Have you reported the observance of the Code of Conduct to FAO according to Art. 12 of the Code?		
Have you adopted Good Laboratory Practices (GLP)?		
Pesticide Registration		
Do you require pesticides to conform to relevant FAO or WHO specifications?	x	
Do you allow the "me-too" registration and sale of generic pesticides?		
Do you require data on product equivalence for generic registration?		
Do you conduct country-specific risk assessments for…		
occupational risks?		x
consumer risks?		x
environmental risks?		x

Have you adopted the Global Harmonized System (GHS) for pesticides hazards evaluation and labelling?		x
Do you accept evaluation results from other countries?	x	
Do you accept field studies conducted in other countries?		x
Do you require environmental fate studies?		x
Incentives/Disincentives		
Do you have a special tax on pesticides to cover externality costs?		x
Do you subsidize or provide low-cost pesticides?		x
Do you subsidize or provide low-cost biopesticides?		x

Organization of Plant Protection Functions	Responsible Organizational Unit (Ministry/Department/Unit)
Legislation	MAFF/DAL + DGA
Registration	MAFF/DAL/BAMS
Licensing of shops	MAFF/DAL/BAMS
Licensing of field applicators	
Enforcement/inspections	MAFF/DAL/BAMS
Testing of pesticide efficacy	MAFF/DGA/PP-SPSD
Development of pesticide use recommendations	MAFF/DGA/PP-SPSD
Safe use training/extension	MAFF/DGA/PP-SPSD and MAFF/DAE
Food residue monitoring	MAFF/DGA/PP-SPSD
Environmental monitoring	MAFF/DGA/PP-SPSD
Health monitoring	
Other Stakeholders:	
Pesticide Industry Association	
Civil Society Organizations	

Infrastructure	Year: 2006
Number of registration officers	25
Number of enforcement officers	
Number of department quality control laboratories	1
Number of quality control laboratory personnel	
Number of department residue analysis laboratories	1
Number of residue laboratory personnel	

Key Situation Indicators

Pesticide Trade:	Tons	US$ '000 Value
Imports	39	
Domestic Use/Sales		
Pesticide Use Profile:	**Tons (a.i./formulation to be specified)**	**US$ '000 Value**
Agriculture	198	226
Chem. Insecticides	73%	
Chem. Fungicides	3%	
Chem. Herbicides	8%	
Chem. Others: e.g. molluscicide, acaricide	15%	

e.g. Avamectrin, Bt, Neem		
Other purposes		

Post Registration Monitoring

Testing, Quality Control and Effects in the Field	Yes	No
Do you have significant problems with low-quality pesticides in the market?	x	
Do you have significant problems with pesticide resistance? *Note: Unknown*		
Do you have a list of pesticides under close observation for problems		
Source for more information: –		

Health and Environmental Information	Yes	No
Do you maintain data on pesticide poisoning cases?		x
Do you have a system to monitor pesticide residues in food?		x
Do you have a system to monitor pesticide residues in the environment?		x
Do you have significant problems of environmental contamination from pesticides? *Note: Unknown*		
Do you have data on pesticides effects on wildlife and ecosystems? *Note: Unknown*		
Source for more information: –		

Pesticide Disposal	Yes	No
Do you have system to collect and safely dispose of used containers and small quantities of left-over pesticides?		x
Do you have an inventory of outdated and obsolete pesticides in the country? (e.g. banned and no longer traded, but still in storage)	x	
Do you have illegal trade in pesticides? if yes: what is the estimated amount: _____	x	
Source for more information: –		

Key Operation Indicators

Registration/Regulation/Monitoring	Year:	
	a.i.*	Trade Name
Number of registered pesticide products		
Number of registered biopesticides (Avamectrin, Bt, Neem, etc.)		
Number of restricted-use pesticides/formulations		
Number of banned pesticides		
Number of licensed outlets		
Number of licensed field applicators (professional and/or farmers)		
Number of licensing violations reported during year		
Number of quality control analyses conducted during year		
Number of food samples analyzed for pesticide residues during year		
Number of samples exceeding MRL		
Number of environmental samples analyzed for pesticide residues		

* active ingredient

Pesticides Restricted in Recent Years	
Year	Name of active ingredient or hazardous formulation

Pesticides Banned in Recent Years	
Year	Name of active ingredient

Cooperation Projects			
Purpose/Target	Donor	Amount	Years (start-end)
Purpose/Target of government follow-up programmes		Amount	Years (start-end)

Progress and Constraints

Main Progress in Recent Years (legislation, policies, infrastructure, investments, training, etc.)
Main Constraints (personnel, infrastructure, administrative, operational, training, etc.)
The existing system is not effective to manage the pesticide import and distribution in the country

VI. ADDITIONAL ISSUES OF INTEREST

Genetically Modified Crops	
Name of GMO Crop	Area under Cultivation [ha]