

4. Plant Quarantine

Guidelines for Country Report:

1. *NPPO organization*
 - a. *New or reorganized national plant protection organization (NPPO) structure with functions;*
 - b. *Plant quarantine (external and domestic if appropriate) network;*
 - c. *List of plant protection legislation, regulations, etc. with years promulgated;*
 - d. *Highlights of significant updates of new or revised plant protection legislation and regulations;*
 - e. *Name(s) and address of national plant quarantine authority-director general(s) and institution(s).*
2. *Status of Implementation of International Standard for Phytosanitary Measures (ISPMs) and APPPC Regional Standard for Phytosanitary Measures (RSPMs), constraints; Planned time frame for implementation of ISPM 15.*
3. *Progress of pest risk analysis.*
4. *Progress in preparation of lists of regulated pests in accordance with ISPM 19.*
5. *Establishment of pest free places of production and pest free production sites.*
6. *Use of International Phytosanitary Portal (IPP) for information exchange, setting up national phytosanitary information website; other forms of distribution for the information.*
7. *Phytosanitary capacity evaluation (PCE); training on phytosanitary capacity building.*
8. *Proposal on Regional Standards for Phytosanitary Measures (RSPM) and ISPM to be set or revised; possible contribution for RSPM development to the Commission.*

4.1 NPPO Structure and Organization

	Australia	Bangladesh	Cambodia	China	Fiji	India	Indonesia	Japan*	Korea DPR	Korea, Rep. of	Lao PDR	Malaysia	Myanmar	Nepal	New Zealand	Pakistan	Philippines	Sri Lanka	Thailand	Tonga	Viet Nam	
4.1 NPPO																						
no response																						
a. NPPO structure					-																	
Description of PQ															BNZ							2
Description of PO		PPO	PPPSO											PPD								7
organization chart	web		+web		preview		web															8
year of reorganization	2004				200?				2004			2005		200?	2004					200?		7
																						3
b. Plant quarantine																						
personnel																						3
facilities																						10
c. Legislation/year				3																		11
d. Updates/plans																						6
e. Address quarantine			Chief	3		Advisor	6				DG					DG		Dir				10
different from IPP point			DG	Qua		JS	incl															

* Japan is not a member country of APPPC.

Observations (from 21 country reports)

- Responses were sometimes for plant quarantine, sometimes for plant protection
- 14 countries failed to describe their NPPO and how the functions are covered
- 7 countries have reorganized their plant protection in the last 5 years
- In 12 countries, plant protection and NPPO functions are organizationally close; in 5 countries the functions appear to be spread over different directorates and even ministries
- Half the countries described their plant quarantine structure in terms of number of personnel, number of quarantine stations and labs, entry points, number of persons authorized to issue certificates, number of export certificates and import permits issued
- In response to the question about plant protection legislation, about half the countries listed their plant quarantine laws; 6 countries reported about ongoing developments and plans
- Half the countries provided the address of the quarantine service, which was not always identical with the NPPO focal point

Notes

- The term NPPO is misleading and misunderstood because it is used for both narrowly for only plant quarantine and widely for plant protection functions

To Be Considered

- It may be more useful to ask about the organizational arrangements for specific plant protection functions than to describe national plant protection organizations that are understood and arranged differently in different countries
- Quarantine services may be described by personnel, facilities and annual services
- Plant protection/quarantine legislation only needs periodic updating and does not need to be repeated in each report

4.2 Implementation of ISPM

	Australia	Bangladesh	Cambodia	China	Fiji	India	Indonesia	Japan*	Korea DPR	Korea, Rep. of	Lao PDR	Malaysia	Myanmar	Nepal	New Zealand	Pakistan	Philippines	Sri Lanka	Thailand	Tonga	Viet Nam
4.2 Status of ISPM									acc	supp	most				yes	pre		effo	diff		
No answer																					7
Vaguess answer																					8
No problem details																					2
ISPM 01 - Principles																	full				
ISPM 02 - PRA														20			full				
ISPM 03 - biocontrol																					
ISPM 04 - pest-free areas														pre1							
ISPM 05 - glossery												no									
ISPM 06 - surveillance														2							
ISPM 07 - export certif																					
ISPM 08 - pest status																					
ISPM 09 - pest eradication																					
ISPM 10 - pest free sites							no														
ISPM 11 - quaran pests				rev			use					no					part				
ISPM 12 - phytosan certif																					
ISPM 13 - notif non-com																					
ISPM 14 - IPM																					
ISPM 15 - wood pack		?				2004		PRA						2007			2005	pre			2004
ISPM 16 - regul non-quar				x																	
ISPM 17 - pest reporting																					
ISPM 18 - irradiation				x																	
ISPM 19 - list of reg pest				3rev		web			2004									pre			
ISPM 20 - import reg sys																					
ISPM 21 - regul non-quar				x																	
ISPM 22 - low pest																					
ISPM 23 - inspection																		part			
ISPM 24 - equivalence																					
RSPM 01 heat treatm							intend					use									
RSPM 02 training							use				use										
RSPM 03 Tephritid free																					
RSPM 04 Tephritid stat																					
NSPM preparation						15															4

* Japan is not a member country of APSPC.

Observations (from 21 country reports)

- Countries are aware of ISPM and try to follow them
- Only 4 countries gave details on status of ISPM implementation
- 3 countries indicated use of RSPM

Notes

- Question too general; ISPMs are of different nature, and each one may require a specific set of questions

To Be Considered

- Inquire about each ISPM separately with specific sets of questions

ISPM 15: Wood Treatment

	Australia	Bangladesh	Cambodia	China	Fiji	India	Indonesia	Japan*	Korea DPR	Korea, Rep. of	Lao PDR	Malaysia	Myanmar	Nepal	New Zealand	Pakistan	Philippines	Sri Lanka	Thailand	Tonga	Viet Nam	
ISPM 15		?																				
No answer																						8
import	04/06			2006				PRA		2005		2006					2005					3+3
export	-	prep		2005		2004						2005		2007			2005	prep	prep		2004	6+4
treatment by MeBr																						3
treatment by heat treatm.																						4

* Japan is not a member country of APPPC.

Observations (from 21 country reports)

- 12 countries have partially implemented ISPM 15 or are in the process of setting up implementation; status unknown in the 8 other countries
- Most countries are first regulating their export before requiring ISPM for import
- Only 1 country (Philippines) has implemented ISPM 15 for both import and export
- MeBr fumigation used in at least 3 countries

Notes

- Implementation of ISPM 15 is progressing in the region, but not fully implemented

4.3 ISPM 2/11: Progress of PRA

Definition

Pest Risk Analysis: The process of evaluating biological or other scientific and economic evidence to determine whether a pest should be regulated and the strength of any phytosanitary measures to be taken against it [FAO, 1990; revised IPPC, 1997]

Pest risk analysis (PRA) consists of three stages: initiating the process for analyzing risk, assessing pest risk, and managing pest risk.

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4.3 PRA																						
No answer/none																						6
General response																						4
Have used PRA				many		1478	?				s											13
too difficult/lack experts							ISPM11															9
Status																						
Qua. Commodities		33												20pre				5pre	9pre			
Import Comm/origin	5+13			pre							0			1 pre	+28		1draft	1+4				

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Observations (from 21 country reports)

- Only half the countries have used pest risk analysis
- 9 countries find PRA difficult and lack trained personnel for implementation
- Not always clear whether PRA was for determination of quarantine pest (ISPM 2) or import risk potential (ISPM 11)
- Only industrialized countries appear to conduct import risk assessments of commodities from specific origins.
- A regional PRA was conducted in 2003 for SALB by China, India, Malaysia, Sri Lanka, Thailand and Viet Nam

Notes

- More specific questions necessary to assess status of implementation in the region

To Be Considered

- Key indicators
 - Number of PRA completed

4.4 ISPM 19: List of Regulated Pests

	Australia	Bangladesh	Cambodia	China	Fiji	India	Indonesia	Japan*	Korea DPR	Korea, Rep. of	Lao PDR	Malaysia	Myanmar	Nepal	New Zealand	Pakistan	Philippines	Sri Lanka	Thailand	Tonga	Viet Nam	
4.4 ISPM 19 lists	-					2003	2002						1989									
No info																						5
No list																						3
List of Regulated pests		~100	/1	/2			pre		2004			pre	20com	14500			pre	final				6+5
List quarantine pests								16		+28					BORIC							3
List non-quarantine pests								109							BORIC							2

/1 web: mango, orange, rice ~27 pests

/2 lists for entry quarantine, agricultural quarantine and forestry quarantine pests

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Observations (from 21 country reports)

- About half the countries have lists of regulated pests, but it is not sure whether all lists are according to ISPM 19
- Only 2 countries indicated that they have lists of both quarantine and non-quarantine regulated pests (required by ISPM 19)
- Lists are constantly revised and updated
- Some countries still may not have a list

Notes

- More specific questions necessary to assess status of implementation in the region
- Not clear, whether lists are based on PRA

To Be Considered

- Key indicators
 - Number of PRA-based quarantine and non-quarantine pests
 - Number of regulated crops