

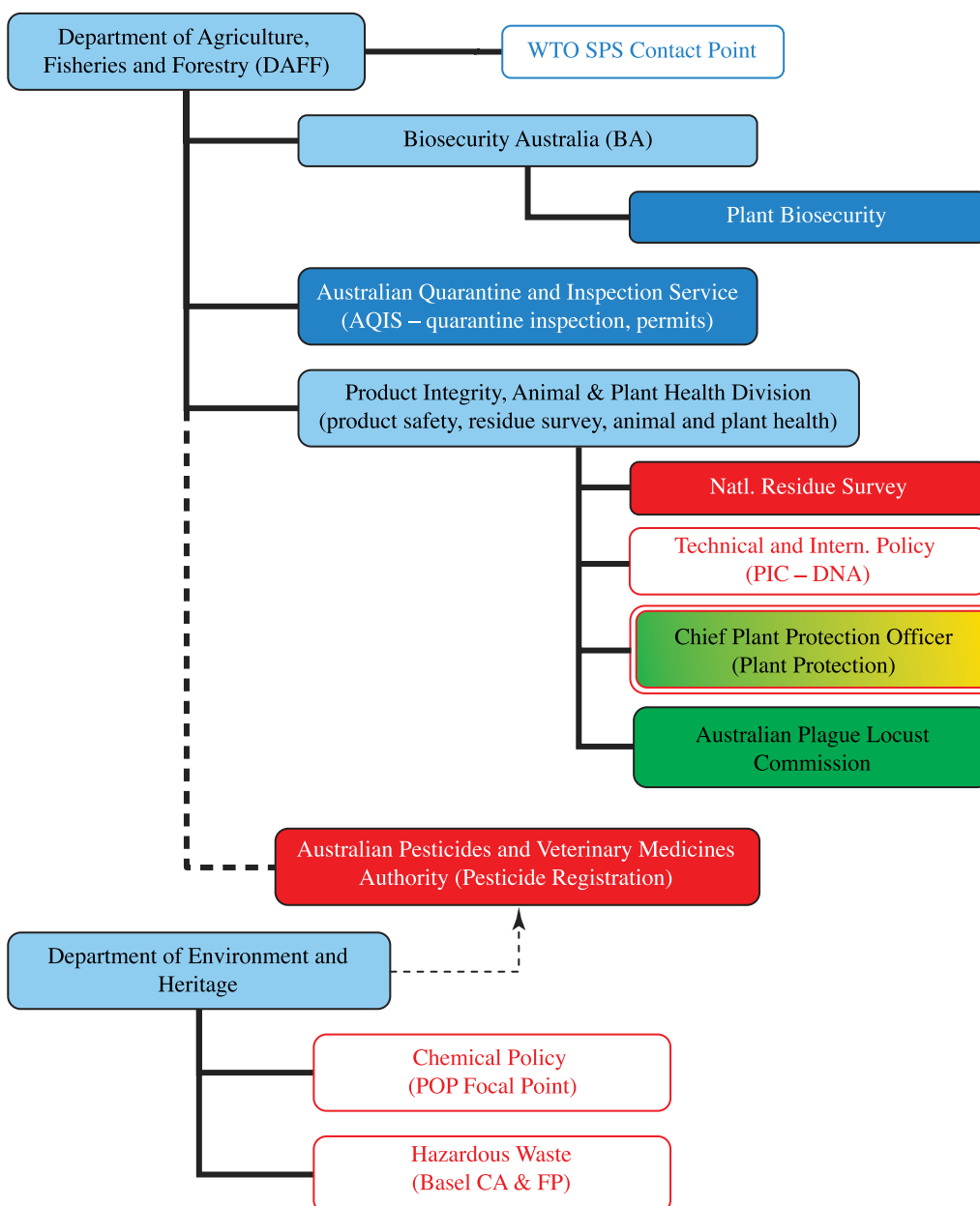
3. Country Plant Protection Profiles

3.1 AUSTRALIA

I. GENERAL INFORMATION

Last updated: December 2006

Plant Protection Organization Chart



Note – the NPPO is the Department and consists of AQIS, Biosecurity Australia and the Office of the Chief Plant Protection Officer

Color Code:

Phytosanitation	Outbreak Management	Pest Management	Pesticides	NPPO
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Important Contact Addresses

Responsible Department

Australian Government Department of Agriculture, Fisheries and Forestry (DAFF)

Ms Joanna Hewitt, Secretary

GPO Box 858

Canberra ACT 2601, Australia

Switchboard: (+61) 2 6272 3933

Website: <http://www.affa.gov.au/>

Address for nominations

–

Operational Offices:

Plant Protection

Office of the Chief Plant Protection Officer

Ms Lois Ransom, Chief Plant Protection Officer

Product Integrity, Animal and Plant Health

Australian Government Department of Agriculture, Fisheries and Forestry

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E-mail: ocppo@daff.gov.au

Website: www.daff.gov.au/planthealth

Plant Quarantine

Australian Quarantine and Inspection Service (AQIS) (*inspections, permits*)

Mr Peter Yuile, Executive Director

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Plant Biosecurity

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Biosecurity Australia

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E-mail: louise.vanmeurs@daff.gov.au

Surveillance, Pest Outbreaks and Invasive Species Management

Office of the Chief Plant Protection Officer

State/Territory Departments of Agriculture

Pesticide Registration

Australian Pesticides and Veterinary Medicines Authority

Dr Joe Smith, Chief Executive Officer

Dr Eva Bennet-Jenkins, Program Manager Pesticides

Amtech Park

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E-mail: EnquiryLine@apvma.gov.au

Website: <http://www.apvma.gov.au/>

Mailing Address:

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Kingston ACT 2604, Australia

Official International Contact Points**National Plant Protection Organization (NPPO) Contact Point (for IPPC/APPPC)**

Office of the Chief Plant Protection Officer

Ms Lois Ransom, Chief Plant Protection Officer

Australian Government Department of Agriculture, Fisheries and Forestry

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E-mail: IPPC>ContactPoint@daff.gov.au;

Website: <https://www.ippc.int/servlet/>

[CDSServlet?status=ND1ucHBvYXUuNj1lbiYzMz0qJjM3PWtvcw~~;](https://www.daff.gov.au/plantippc)

www.daff.gov.au/plantippc

[http://www.affa.gov.au/content/output.cfm?ObjectID=D2C48F86-BA1A-11A1-A2200060B0A00294\(en\)](http://www.affa.gov.au/content/output.cfm?ObjectID=D2C48F86-BA1A-11A1-A2200060B0A00294(en))

Date received: 21 March 2006, *Official Correspondence*

Australian IPPC Secretariat

Ms Julia Rymer (Executive Officer)

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WTO-SPS Contact Point

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E-mail: sps.contact@daff.gov.au

Website: <http://www.daffa.gov.au/market-access-trade/sps>

Rotterdam Convention (PIC) DNA Pesticides (P)

Technical and International Policy

Dr Angelo Valois

Product Integrity, Animal and Plant Health
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 E-mail: Angelo.Valois@daff.gov.au

Stockholm Convention (POP) National Focal Point (P)

Chemical Policy

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Basel Convention Competent Authority (CA) and Focal Point

Hazardous Waste Section

Manager

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Montreal Protocol Focal Point

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Selected Country Statistics

Agricultural Population	0.87 million	Agricultural Land	48.3 million ha
GDP \$410 590 million	Agric. GDP: 2.9%	GNI per capita: \$26 900	Undernourishment: 2.5%
Main crops grown:			

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

II. PLANT QUARANTINE

Last updated: December 2006

List of Key Legislation/Regulations/Rules

1908 Quarantine Act

Web source for further information:

see IPP for more information

<http://www.daff.gov.au/content/output.cfm?ObjectID=D2C48F86-BA1A-11A1-A2200060A1B00706>

Policies (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)		
Web source for further information: –		

Organization of Plant Quarantine Functions	Responsible Organizational Unit (Ministry/Department/Unit)
Pest Risk Analysis	DAFF/Biosecurity Australia
National standards development	DAFF
International notifications	DAFF/OCPPPO
<i>Import:</i>	
Import permits	DAFF/AQIS
Import inspections	DAFF/AQIS
Emergency action	DAFF/PIAPH/OCPPPO
<i>Export:</i>	
Phytosanitary certificates	DAFF/AQIS
Treatment of commodities	Certified service providers

Infrastructure	Year: 2005
Number of plant quarantine officers authorized to inspect/certify	2,800
Total qualified personnel for plant pest risk analysis	
Number of quarantine offices	
entry points (sea/air/land/mail = total)	13/23//0 = 36
post-entry plant quarantine containment facilities	
other offices	
Number of quarantine service diagnosis laboratories	
In-country recognized pest diagnostics capabilities (incl. universities, etc.)	
Number of laboratories for insect/mite (arthropod) samples	
Number of laboratories for bacteria samples	
Number of laboratories for virus samples	

Number of laboratories for fungus samples	
Number of laboratories for mycoplasma samples	
Number of laboratories for nematode samples	
Number of laboratories for plant/weed samples	
Number of laboratories for other pests (snail, slug, rodents, etc.)	

Pest-Free Areas According to ISPM 10	Responsible Organizational Unit (Ministry/Department/Unit)
Overall management	States/territories
– surveillance	
– management	
– certification	
List of target pest species and crops ISPM 4	Number of sites in [year]
Queensland Fruit Fly	
Mediterranean Fruit Fly	
List of target pest species and crops ISPM 10	Number of sites in [year]
Web source for further information: Information provided to IPPC in response to pest free areas survey	

Key Situation Indicators

International Trade		Year:
Main Import Plant Commodities	Main countries/areas of origin	Quantity (tons)
Main Export Plant Commodities	Main destination countries	

Cooperation Projects			
Title (Purpose/Target)	Donor	Amount	Years (start-end)
SPS Capacity Building Programme for ASEAN	AusAID		2004-2007
See SPS paper G/SPS/GEN/717			
Title of government follow-up programmes		Amount	Years (start-end)

Key Operation Indicators

Institutional Functions	Year:
Number of import permits issued	1.3 million
Number of import inspections carried out	
Number of emergency phytosanitary treatments taken on imports	
Number notifications of non-compliance	
Number of conventional phytosanitary certificates issued	
Number of electronic phytosanitary certificates issued	

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

Lists of Regulated Pests	Year of last update	Insects	Pathogens	Plants
Number of quarantine pests				
Number of regulated non-quarantine pests				
Number of regulated import articles		15 IRA (Import Risk Analysis)		
Web source for further information: see IPP				

Pest Risk Analysis	Insects	Pathogens	Plants
No. of PRA completed and documented (according to ISPM)			
PRA included in the IRA: completed for 15 commodities/countries of origin, 9 currently under review. SEE LINK AT IPP.			
Web source for further information: http://www.daff.gov.au/content/output.cfm?ObjectID=4B6768B0-F086-4EDE-95029297CCAC6B6E			

Progress and Constraints

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

Implementation of ISPM	Relevance			Implementation				Planned/Actual Year of full implementation
	low	medium	high	none	partial	most	full	
ISPM 01 Principles of plant quarantine as related to international trade			x				x	
ISPM 02 Guidelines for pest risk analysis			x				x	
ISPM 03 Code of conduct for the import and release of exotic biological control agents			x				x	
ISPM 04 Requirements for the establishment of pest free areas			x				x	
ISPM 05 Glossary of phytosanitary terms			x				x	
ISPM 06 Guidelines for surveillance			x				x	
ISPM 07 Export certification system			x				x	
ISPM 08 Determination of pest status in an area			x				x	
ISPM 09 Guidelines for pest eradication programmes			x				x	
ISPM 10 Requirements for the establishment of pest free places of production and pest free production sites			x				x	
ISPM 11 Pest risk analysis for quarantine pests			x				x	
ISPM 12 Guidelines for phytosanitary certificates			x				x	
ISPM 13 Guidelines for the notification of noncompliance and emergency action			x				x	
ISPM 14 The use of integrated measures in a systems approach for pest risk management			x				x	
ISPM 15 Guidelines for regulating wood packaging material in international trade			x				x	1 May 2006
ISPM 16 Regulated non-quarantine pests: concept and application			x				x	
ISPM 17 Pest reporting			x				x	
ISPM 18 Guidelines for the use of irradiation as a phytosanitary measure			x				x	
ISPM 19 Guidelines on lists of regulated pests			x				x	
ISPM 20 Guidelines for a phytosanitary import regulatory system			x				x	
ISPM 21 Pest risk analysis for regulated non-quarantine pests			x				x	
ISPM 22 Requirements for the establishment of areas of low pest prevalence			x				x	
ISPM 23 Guidelines for inspection			x				x	
ISPM 24 Guidelines for the determination and recognition of equivalence of phytosanitary measures			x				x	
ISPM 25 Consignments in transit	x			x				
ISPM 26 Establishment of pest free areas for fruit flies (Tephritidae)			x				x	
ISPM 27 Diagnostic protocols for regulated pests			x				x	
Comments/Constraints								

III. SURVEILLANCE, PEST OUTBREAKS AND INVASIVE SPECIES MANAGEMENT

Last updated: December 2006

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

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Web source for further information: –

Policies (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: www.outbreak.gov.au http://www.daff.gov.au/content/output.cfm?ObjectID=84D90915-8340-434B-9677E0D0B5C54D2F		

Organization of Outbreak Management Functions	Responsible Organizational Unit (Ministry/Department/Unit)
<i>Field/Storage Pest Outbreaks</i>	(e.g. BPH, bollworm, etc.)
Response strategy/plans	DAFF/PIAPH/OCPPPO
Surveillance	States/territories
Control	
<i>Migratory Pest Outbreaks</i>	(e.g. locusts, birds, armyworm)
Response strategy/plans	DAFF/PIAPH/APLC, Queensland, NSW, Victoria, South Australia, Western Australia
Surveillance	DAFF/PIAPH/APLC; State Departments in Queensland, NSW, Victoria, South Australia, Western Australia
Control	
<i>New Exotic Pest Eradication</i>	(e.g. coconut beetle)
Response strategy/plans	DAFF/PIAPH/OCPPPO
Surveillance	States and territories
Control/eradication	DAFF/PIAPH/OCPPPO + states/territories
Reporting to bilateral or international organizations	DAFF/OCPPPO

Infrastructure	Year:
Number of designated staff for surveillance of field pests of national importance	
Number of designated staff for surveillance of migratory and periodically occurring pests	
Number of designated staff for surveillance of invasive species	
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:			
Total number for year:			
Total number on record			

Eradication or internal quarantine actions taken against economically important species			
Name of species	Citrus cancer	Current lettuce aphid	European house borer
Year of first discovery	2004		
Passway			
Location of first discovery	Queensland		
Area affected [ha]			
Area treated [ha]			
Control method	Host destruction		
Expenditures			

Pest outbreak actions	Outbreak 1	Outbreak 2	Outbreak 3
Name of species	Australian Plague Locust		
Year of outbreak	2006/07	2006/07	2006/07
Area affected [ha]			
Estimated damage \$			
Area treated by government [ha]			
Expenditures by government [\$]			
Control method	Ground and aerial spray		
More information	NB APLC is not national and only deals with some areas of relevant states where migration is across state borders of Qld, NSW, Victoria and SA	Western Australia	Victoria

Progress and Constraints

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

IV. PEST MANAGEMENT

Last updated: December 2006

List of Key Legislation/Regulations/Rules for Pest Management

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Web source for further information: –

Policies (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?		
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	Australian Government, states and territories
Pest management research	States and territories
Control recommendations	States and territories
Pest management extension	States and territories
IPM training	States and territories
GAP training	

Infrastructure	Year:
Number of technical officers for pest management	
Number of central, regional, provincial or state offices	
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	
Number of government biocontrol production/distribution facilities	
Number of government biopesticide production/distribution facilities	
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? <i>If yes, give Name and Address of IPM Programme:</i>		x
Does the country have specific IPM extension programmes? <i>If yes, in which crops?:</i>		
Does the country have specific IPM research programmes? <i>If yes, in which crops?:</i>		

Does the country have specific GAP extension programmes? <i>If yes, in which crops?:</i>		
Does the country have specific GAP research programmes? <i>If yes, in which crops?:</i>		

Market shares (estimated value, volume or area under control; or percent)	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)	1 st	2 nd	3 rd
Affected crop			
Name(s) of pest(s)			
Estimated crop loss			
Affected area			
Number of pesticide applications or amount of pesticide used			
Government action taken			

Cooperation Projects	Donor	Amount	Years (start-end)
Purpose/Target			
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

Last updated: December 2006

List of Key Legislation/Regulations/Rules

Agricultural and Veterinary Chemicals Code Act 1994 [No. 47 of 1994]

Agricultural and Veterinary Chemicals Act 1994 [No. 36 of 1994]

Agricultural and Veterinary Chemical Products (Collection of Levy) Act 1994 [No. 41 of 1994]

Agricultural and Veterinary Chemicals (Administration) Act 1992 [No. 262 of 1992]

See Comlaw site

Web source: http://www.apvma.gov.au/about_us/legislat.shtml

List of registered products: http://www.apvma.gov.au/actives/standards_actives.shtml

Policies (regarding pesticide management)	Yes	No
Do you have national pesticide reduction targets? <i>If yes, what is the target: _____</i>		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)	x	
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)?	x	
Pesticide Registration		
Do you require pesticides to conform to relevant FAO or WHO specifications?		
Do you allow the “me-too” registration and sale of generic pesticides?	x	
Do you require data on product equivalence for generic registration?	x	
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?	Not Yet	
Do you accept evaluation results from other countries? <i>Note: Yes, with qualifications</i>	Note	
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
Other policies:		
Web source for further information: –		

Organization of Plant Protection Functions	Responsible Organizational Unit (Ministry/Department/Unit)
Legislation	DAFF APVMA
Registration	()/APVMA
Licensing of shops	Nil
Licensing of field applicators	States
Enforcement/inspections	States/territories & APVMA for supply
Testing of pesticide efficacy	APVMA requires of applicant
Development of pesticide use recommendations	APVMA
Safe use training/extension	States/territories
Food residue monitoring	DAFF/PIAPH/Natl. Residue Survey
Environmental monitoring	DAFF/PIAPH/Natl. Residue Survey
Health monitoring	(DAFF)/APVMA/Adverse Experience Reporting Programme
<i>Other Stakeholders:</i>	
Pesticide Industry Association	CropLife Australia, ACCORD, PACIA
Civil Society Organizations (NGO, etc.)	

Infrastructure	Year:
Number of registration officers	(depends how define)
Number of enforcement officers	States – unknown
Number of department quality control laboratories	none
Number of quality control laboratory personnel	none
Number of department residue analysis laboratories	National Residue Survey Labs
Number of residue laboratory personnel	unknown

Key Situation Indicators

Pesticide Trade: 2004-2005	Tons	US\$ '000 Value
Imports		
Manufacture		
Export		
Domestic Use/Sales		1 851 222
Pesticide Use Profile:	Tons (a.i./formulation to be specified)	US\$ '000 Value
Agriculture		
Chem. Insecticides		246 164
Chem. Fungicides		124 687
Chem. Herbicides		398 170
Chem. Others: e.g. molluscicide, acaricide		204 437
Other e.g. Avamectrin, Bt, Neem		
Other purposes		564 556
TOTAL		

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?	x	
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?		
Do you have significant problems of environmental contamination from pesticides?		x
Do you have data on pesticides effects on wildlife and ecosystems?	x	
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)		
Do you have illegal trade in pesticides? if yes: what is the estimated amount: _____		
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	20 322	
Number of samples exceeding MRL	26	
Number of environmental samples analyzed for pesticide residues	126 (wild fish)	

* active ingredient

List of registered products: http://www.apvma.gov.au/actives/standards_actives.shtml

Pesticides Restricted in Recent Years	
Year	Name of active ingredient or hazardous formulation
	pre-construction termiticide product containing chlorpyrifos
	pindone that is a concentrate and for which the relevant label instructions require further mixing with carriers before it is ready to use as a bait
	Endosulfan
	mevinphos

Pesticides Banned in Recent Years	
Year	Name of active ingredient
2004	Those chemicals listed in the Stockholm Convention on Persistent Organic Pollutants for which Australia has not registered an exemption

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.)

VI. ADDITIONAL ISSUES OF INTEREST

Last updated: December 2006

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