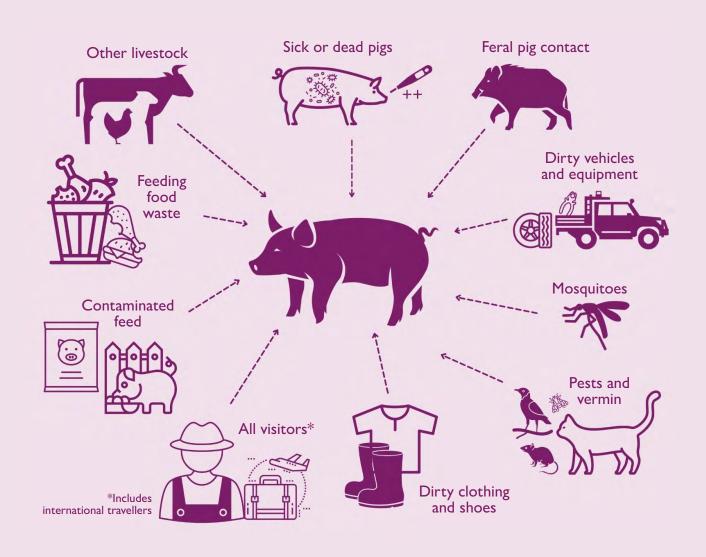
Pig biosecurity management plan: Template

Creating and implementing a Biosecurity Plan will help protect your pigs from the threat of pests, weeds and diseases. Common pest and disease entry pathways for your pigs include:





Pig Biosecurity Management Plan (Pig BMP)

Step 1 – Complete the **Enterprise Details** section

Step 2 – Complete the **Pig Biosecurity Management Plan template** with a Y, N or NA. This will help you understand your current level of biosecurity.

"Y" responses	"N" responses	N/A
Meet basic biosecurity practices, no action required	Your measures could be improved	Does not apply to your production system or site

N/A items are those that do not fit within your current production system, for example, if you have a closed herd, any question relating to the introduction of live pigs to your property would be "N/A". Should your operations model change in the future, these biosecurity items may need to be considered.

Step 3 - Describe the activities you currently undertake for each biosecurity item in the right-hand column of the template.

Do you need help?

A **Biosecurity Management Planning Guide** is available to assist you in developing your biosecurity management plan. The guide provides:

- · reasoning on why each biosecurity "item" has been included in the biosecurity management plan template, and
- a description or list of activities, documents or processes that could be followed to adequately meet the requirement.

It is included to provide support and additional details about pig keeping requirements, biosecurity and pig health management. Choose only those that apply to you and your circumstances where applicable.

Glossary:

Biosecurity Management Plan is a document that outlines the measures put in place to protect biosecurity and mitigate the risks of pests and diseases on your property.

Biosecurity Management Area is the part, parts of, or whole area of a place to which the biosecurity management plan may apply. In practice, the management area could be your whole property, or a part of your property (e.g. a particular shed, paddock, or other facility). The management area should be clearly defined - preferably with maps - in your biosecurity management plan.

Clean Areas or Zones are where pigs are housed or handled, and access is restricted.

Dirty Areas or Zones are those that surround the 'CLEAN' areas with free movement of people, vehicles and machinery. Dirty areas have the potential to be contaminated with pathogens to be kept out of pig areas.

Controlled Entry Point is a visually defined entry point through which all traffic (such as workers, visitors, equipment and vehicles) enters clean area.

Prohibited Pig Feed or Swill includes meat, bone, blood, offal, hide from a mammal or anything that comes into contact with these. You must not feed or allow any pigs access to:

- · meat (raw, cooked or processed), bone, blood, offal or hides
- · food or table scraps that contain meat, meat products or have been in contact with meat or any of these
- · household, commercial and industrial food wastes include restaurant food and discarded cooking oils
- illegally imported dairy products
- anything that has been in contact with these through collection, storage or transport particularly contaminated bins or containers such as take away food containers
- · mammalian carcasses

Restricted Animal Material (RAM) includes a wider range of animal material, and includes all vertebrate animal material from mammals, fish and birds such as meat, fish, feather, bone or blood meal, eggs, pet foods. Gelatine, milk and milk products, and tallows including cooking oils that have been treated to comply with a specified standard are exempt from the ban. You must not feed any vertebrate animal material to ruminants, which includes cattle, sheep, goats, deer, camels and camelids (alpacas). This also means you must prevent access to vertebrate animal material by ruminants unless it is not reasonable or practical (for example, stock licking each other, cow eating its placenta)

Records may be kept as hard copies or digitally e.g., photographs (of vehicle registrations, documents, feed bags, sick pigs etc.), using an app that stamps on date and time. Example template – See www.farmbiosecurity.com.au/pig-biosecurity-management-resources



Biosecurity Plan for a Pig Owner

Plan completed/updated by (name and role):	
Date of development/review:	

Enterprise Details				
Pig owner's name			Manager	
Farm/Business name			PIC/s	
Address				
Veterinarian*			Pig tattoos/brands	
Government vet*			PigPass registration #	
	Emergeno	y Animal Disease Watch H	otline – 1800 675 888	
Reason for keeping or producing pigs	☐ Commercial	☐ Home consumption	Pig housing	☐ Indoor (pens, sheds)
(select your primary	Rescue	☐ Farm stay	(Tick all that apply)	☐ Indoor (ecoshelters)
reason)	☐ Hobby farm	☐ Education		☐ Outdoor (paddock or hut with a run)
	☐ Other:		Other livestock on property	☐ Cattle
Pig inventory	Sows		(Tick all that apply)	☐ Sheep/Goats
(pig numbers)	Boars			☐ Poultry
	Growing pigs			☐ Other (list)

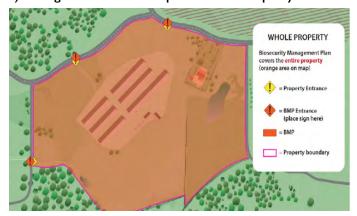
Farm Plan:

Develop a farm plan for visitors and farm workers showing key infrastructure (sheds, fences, feed and water facilities), clean and dirty areas, access and exit points, fences, water points etc.

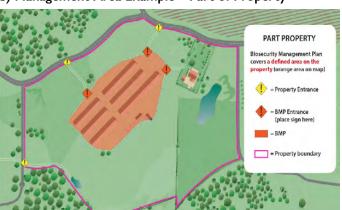
Example Farm Plan or Map

The following maps provide examples where a) a biosecurity management plan covers the whole property and b) a biosecurity management plan covers a defined area within the property e.g. a piggery.

a) Management Area Example - Whole Property



b) Management Area Example - Part of Property



^{*} name and contact if applicable.

Do yo	u	Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
1.0	Pig Health				
1.1	Monitor the health and welfare of your pigs daily?				I/we do this by:
1.2	Have procedures in place for incoming pigs to ensure they do not introduce disease?				Select the source of incoming pigs (purchase or otherwise): Online sales/auction stud stock Saleyard/auction stud stock Quality assured breeder Other pig owner
1.3	Have procedures in place for incoming semen to ensure it does not introduce disease?				I/we do this by: □ Buying from quality assured suppliers □ Other – describe

Do yo	u	Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
1.4	Identify and isolate (where possible) sick pigs from the main group?				I/we do this by: ☐ Identify and treat in pen ☐ Move to a designated sick pen and treat ☐ Other — describe
1.5	Seek veterinary assistance for any sick animals?				I/we do this by: ☐ Having an on-going relationship with a veterinary practice ☐ Other – describe
1.6	House all pigs in pens/sheds or separate paddocks to other livestock on the property?				I/we do this by:
1.7	Keep records of vaccinations and treatments for your pigs? Example template				The following details are recorded: □ Date □ Pen number (if applicable), □ Pig identification or number of pig/s treated □ Pig weight □ Treatment or vaccination given, dose, WHP or ESI information □ Reason for administering and response to treatment
1.8	Record deaths and illness and injury events, including their suspected cause? Example template				The following details are recorded: □ Date □ Number of pig/s □ Pig identification (if applicable) □ Age/weight □ Reason (or suspected reason) for death



Do yo	u	Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
2.0	Pig Feed				
2.1	And everyone who feeds your pigs understands what prohibited pig feed (SWILL) is?				The source of information I/we use is:
					I/we display this information in the following location/s:
2.2	And everyone who feeds your pigs know not to feed prohibited pig feed (SWILL) to the pigs?				The person/s who feeds the pigs daily is:
					If they are away the pigs are fed by:
2.3	And everyone who feeds your pigs understand what restricted animal material (RAM) is?				The source of information I/we use is:
					I/we display this information in the following location/s:
2.4	And everyone who feeds your pigs know not to feed pig feed and RAM to ruminants (e.g. cattle, sheep, goats, deer) as well?				I/we make sure ruminants cannot access pig feed and RAM by:
2.5	Have procedures in place to ensure clean and fresh drinking water is available?				I/we do this by:

2.6	Restrict access of all livestock to carcasses, on-farm disposal sites and stock feed waste?		I/we do this by:
2.7	Inspect pig feed on delivery/prior to feeding to pigs to ensure it is free from pests, damage and other visual contaminants?		I/we do this by:
2.8	Buy pig feed or feed ingredients from a FeedSafe accredited supplier OR obtain a commodity vendor declaration that addresses biosecurity?		Select all feed types provided to your pigs Purchased feed pellets/mash or pre-mix Purchased protein meals and additives Purchased grain Own grain Commercial by-products Fruit and vegetables Other (please list)
			For feed or feed ingredients that I purchase, I: Use a FeedSafe accredited supplier Obtain a commodity vendor declaration Other - describe
2.9	Keep records of feed fed to your pigs?		The following information is kept: □ Date
	Keep records of incoming feed?		☐ Type of feed received☐ Supplier



Do yo	ı	Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?				
3.0	Controlled Entry								
3.1	Have biosecurity signage at all entry points to the piggery (or pig areas)?				Signs I/we have displayed, and their locations are?				
	See below for link to state regulated sign templates								
					☐ The sign is compliant with state regulations				
State regulated biosecurity gate sign templates: Queensland: www.daf.qld.gov.au/onfarmbiosecurity/farm-biosecurity-planning New South Wales: www.dpi.nsw.gov.au/biosecurity/your-role-in-biosecurity/primary-producers/biosecurity-management-plan Victoria, South Australia, Western Australia and Tasmania: www.farmbiosecurity.com.au/toolkit/gate-signs/									
3.2	Have clean and dirty areas / zones in the biosecurity management area (production areas)? Make sure these are included on your farm map				I/we do this by:				
3.3	Control entry access to your piggery and pigs by visitors?				I/we do this by:				
3.4	Ask your visitors about contact with pigs and other animals in the previous 48 hours before coming to your piggery / property?				☐ A visitor's book is kept up to date ☐ Other – describe				
3.5	Ask your visitors if they have returned from overseas travel in the past 7 days and where they were?				☐ Last overseas travel recorded in visitor's book ☐ Other — describe				

Do you	1	Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
3.6	Have controlled entry points clearly signed in pig areas (where you change boots or wash hands)?				I/we do this by:
3.7	Ensure vehicles, drivers and equipment do not access pig production areas without approval?				I/we do this by:
3.8	Exclude feral pigs, pests and other livestock from your pigs / piggery?				I/we do this by: ☐ Having the area securely fenced ☐ Baiting/trapping/hunting feral pigs on our property ☐ Other — describe
3.9	Manage or minimise feral animal and pest attractants on farm, such as farm disposal sites, carcass disposal areas or stock feed waste?				I/we do this by: ☐ Farm disposal sites are securely fenced ☐ Carcass disposal areas are securely fenced ☐ Access to feed wastage/spillage is controlled ☐ Other – describe
3.10	Monitor the presence and concentration of mosquitoes in and around piggery areas Example template				 I/we do this by: □ Visually inspecting water bodies (including storage containers, effluent ponds, dams, pooled water, troughs, wallows, etc) for presence of wrigglers □ Visually inspecting pigs and facilities at dusk and dawn for resting adult mosquitoes (e.g. ceilings, walls, pig huts and shelters) □ Engaging a professional to assist monitoring □ Trapping □ Other – describe

Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
			 I/we do non-chemical vector control by: Removing anything in the open that is filled with water or has the potential to hold water Filling potholes or other areas around the piggery that collect water Ensuring gutters, downpipes, and drains around buildings are free of debris and trimming overhanging branches Ensuring effluent drainage is free flowing, flushed regularly and does not pool Ensuring all tanks, wells or other large water containers are sealed, or screened with 1mm mesh Reducing vegetation around the piggery Other − describe
			When using chemical controls for mosquitoes I/we: Only apply chemicals that are registered for use on pigs - to pigs, pig feed, surfaces that pigs may contact Only use chemicals approved for use against mosquitoes and strictly follow the directions for use on the label Ensure chemical use for mosquito control is conducted by people authorised to use chemicals Apply chemical control to water sources, the outside of sheds and buildings, effluent ponds, staff facilities and pigs Restrict chemical use only to areas required to be treated Keep records of all pest control activities Other – describe I/we: Apply chemicals to kill mosquito larvae (larvicide) The larvicide I/we (or our pest controller) use is: I/we apply it to the following areas:



Control mosquitoes using chemical control (when and where			
required)?			☐ Apply residual chemical(s) to kill adult mosquitoes (adulticide) The residual adulticide(s) I/we (or our pest controller) use is:
Refer to <u>Controlling mosquitoes</u> around piggeries			I/we apply adulticide(s) to the following areas:
Example records template			nwe apply additione(s) to the following areas.
			The frequency that I apply these chemical/s is:
			☐ Fog with a chemical to kill adult mosquitoes The chemical I/we (or our pest controller) fog with is:
			I/we fog in the following areas:
			The frequency that I/we fog these areas is:
			☐ Apply chemicals directly to pigs The chemical/s I/we apply directly to pigs are:
			The frequency that I/we apply these chemical/s is:
	around piggeries	around piggeries	around piggeries





Do yo	u	Y	N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
4.0	Transport				
4.1	Keep records of pig movements into and out of the piggery?				The following details are recorded: Date of purchase PigPass serial number Pig identification Pig source Record of treatments including medications, vaccines and other chemicals administered to the pigs purchased Veterinary/other documentation relating to the new pigs' health status, and How you managed them on arrival to ensure the risk of disease introduction was minimised (e.g., location and time period of isolation before entry) Keep PigPass NVD records of all purchased pigs for 3 years Upload all incoming pig movements into the PigPass database within 2 days
4.2	Brand or where applicable tag your pigs with an approved NLIS device prior to transport?				I identify my pigs prior to transport by: ☐ Tattoo/brand ☐ NLIS Ear tag
4.3	Have procedures for outgoing pigs to ensure they are fit to load and to minimise the risk that they will spread disease?				 I/we do this by: □ Checking pigs prior to load out for signs of disease □ Referring to the Fit for the intended journey guide □ Assessing pigs as fit for the intended journey □ Completing a PigPass NVD for all pig movements out of the piggery
4.4	Wash transport vehicles and allow them to dry between loads				I/we do this by:
4.5	Restrict external drivers to loading areas?				 I/we do this by: □ Loading my own pigs □ Transporting my own pigs □ Employing a third party to move pigs and manage their access □ Other – describe

Do you			N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?
5.0	Hygiene				
5.1	Recommend or require farm workers and family members to be vaccinated for influenza viruses seasonally				I/we do this by:
5.2	Ensure farm workers, family members and property residents are aware of the availability of Japanese encephalitis virus (JEV) vaccine, symptoms of Japanese encephalitis and how they can protect themselves from infection.				 I/we do this by: ☐ Informing all workers, family members, property residents and regular contractors about the symptoms of JE in humans ☐ Directing workers, family members and property residents to information and clinics for JE vaccination ☐ Providing or encouraging the use of appropriate clothing and repellent use by workers, family members, property residents and regular contractors to protect themselves against mosquitoes (e.g., long-sleeved, loose fitting clothing, insect repellent) ☐ Other – describe
5.3	Ensure staff or visitors that are sick with an infectious disease are not allowed in pig areas?				I/we do this by:
5.4	Keep a record of visitors to your operation and their previous pig contact				My visitor records include: Date Person's name and contact number Vehicle registration number Last contact with pigs (date, place) Showered since last pig contact Reason for visit and visiting pig areas



5.5	Require visitors to wash their hands before/after entering pig areas?		I/we do this by:
5.6	Provide or require visitors to change outerwear (e.g., coveralls) and footwear before/after entering pig areas?		 I/we do this by: ☐ Piggery outerwear (clothing, coveralls) and boots are supplied ☐ Boots and outerwear worn in the piggery do not leave the piggery ☐ Other – describe
5.7	Clean and where practical, disinfect any machinery or equipment before it enters and leaves your piggery?		I/we do this by:
5.8	Have procedures in place to manage effluent dispersal to minimize disease and weed spread?		Effluent and manure from this site is managed by - Collecting and hold on-site Irrigating this property Irrigating another property Collecting and sell as fertiliser Other – describe

Do you			N	N/A	Detail your management practices – What DO YOU DO or if not doing it, what MIGHT YOU DO?						
6.0	Emergency Animal Disease (Ead) Manage	ement									
6.1	Make sure everyone on your farm or site knows to call your veterinarian or the Emergency Animal Disease (EAD) Watch Hotline if you observe unusual signs of disease in your pigs?				The EAD hotline number is – 1800 675 888 I/we do this by: Staff awareness of contact details Written protocols or plans Other – describe						
6.2	Display pig emergency contacts openly for easy access?				Emergency contacts for this piggery are displayed in the following location/s:						
6.3	Have the capacity to hold pigs if pig movements were not allowed?				In considering housing, feed, water, stocking density and pig welfare, I/we might do this by: The maximum number of days that this piggery can adequately manage no pig movement is						
6.4	Ensure you or your staff have the knowledge and experience to humanely euthanise pigs on-site if required?				I/we might do this by:						
6.5	Have a system for disposing of carcasses if and when required?				I/we might do this by: ☐ Deep burial ☐ Incineration ☐ Composting ☐ Delivery to the local licensed landfill ☐ Other — describe						





1								
1.								
2.								
2.								
3.								
Next plan review date:								
Plans should be reviewed at least eve	ry 12 months							
Optional: Veterinary authorisation								
Veterinarian name and registration number:								
Date:	Signature:							

My top 3 biosecurity priorities to work on are:

Site Map

To create your site map, you can either print and hand draw your map; or <u>download the Microsoft Word template</u> and use the Shapes tool under the Insert tab to draw directly into the document.

Create map in Microsoft Word

Attach map