

# meatup FORUM

For the latest in red meat R&D

# Practical biosecurity and traceability for WA sheep producers

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# Drivers to enhance biosecurity and traceability

## INDUSTRY AND ON-FARM

- Market access and lower risk of market disruption
- Health, welfare, integrity and production of agricultural industry
- Minimise risk to farming businesses
- Retailers and consumers assured of quality, safety and authenticity
- **Keep Australia free**



# Exotic disease outbreak – NOT IF ... WHEN

## China suspends wool trade from South Africa due to foot-and-mouth disease outbreak

NSW Country Hour / By Cara Jeffery  
Posted Mon 19 Feb 2019 at 2:50pm



Sports supplement importer sentenced for fraudulent import documentation

5 July 2021

Two Canberra men appeared before the ACT Supreme Court on 2 July after falsifying documents to import nutritional food products into Australia.

## Foot-and-mouth disease that threatens Australia's entire livestock industry detected in airport seizures

ABC Rural / By Warwick Long and Kath Sullivan  
Posted Fri 15 Feb 2019 at 5:54am



**Don't be sorry; just declare it: New penalties for travellers who don't declare high-risk biosecurity goods**

# It is the responsibility of all of us .... what can we do??

# It starts before the farm gate



## Biosecurity plan

- Best defense against pests and diseases.
- Quick and simple measures.
- Self assessment checklist

The screenshot shows the website for farmbiosecurity.com.au. The page is titled 'Toolkit' and features a navigation menu with options like 'About', 'Essentials', 'Toolkit', 'Crops', 'Livestock', 'Get help', 'News', 'Stories', and 'Videos'. A large image of a man in a checkered shirt is featured on the right side of the page. Below the main image, there are several sections: 'Home > Toolkit', 'Secure your farm' (with a sub-section 'Create your own biosecurity toolkit'), 'Videos', and 'Biosecurity plans & manuals'. There are also promotional cards for the 'Australian Biosecurity Award' and 'African swine fever'.

# Biosecurity plan



## 5 simple steps

1. Download template
2. Complete
3. Inform family and staff
4. Keep a copy
5. Review annually



1.0 INPUTS – LIVESTOCK, WATER, FEED, ETC.						
1.1	Livestock	Reference Documents	Procedures	YES	NO	N/A
1.1.1	Are all new stock that arrive on the property inspected for their health status?	<a href="#">National Vendor Declaration Animal Health Declaration</a>	Pre-purchase inspection or veterinary inspection/certification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.1.2	Are livestock purchased with information on animal treatments and is a health status provided via a National Vendor Declaration (NVD) and Animal Health Declaration (AHD)?	<a href="#">National Vendor Declaration Animal Health Declaration</a>	Request NVD/Waybills for all sales to ensure LPA accreditation. Request AHD for further information on herd health.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.1.3	Do all newly introduced livestock undergo a period of quarantine?	<a href="#">Livestock Receiptal and Inspection Form</a>	Isolate and segregate for days (21 recommended)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.1.6	Are livestock of unknown health status kept separate from vulnerable stock (i.e. young or pregnant ones)?	Paddock records	Isolate and segregate for days (21 recommended)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.1.4	Do all livestock have sufficient time to empty out in the yards prior to their release?	<a href="#">Livestock Receiptal and Inspection Form</a>	24-48 hours holding for empty out	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	away from the home property, e.g., for shows, on contract joining, are hygiene and quarantine strategies in place to minimise biosecurity risks to livestock and properties?	<a href="#">Livestock Receiptal and Inspection Form</a> <a href="#">Treatment records</a>	Isolate and segregate for days (21 recommended)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Is all stock identified and recorded in accordance with the requirements for species and jurisdictions?	<a href="#">NLIS Database</a>	Receiving property to do NLIS transfers within 48 hours of arrival. All animals to bear an NLIS device before moving off the property.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Reference Documents	Procedures	YES	NO	N/A
	Do you have a total ban on the feeding of products derived from animal products, excluding tallow and gelatine, to ruminant livestock?	<a href="#">Ruminant feed ban producer checklist</a>	Producers must not allow Restricted Animal Material (RAM) to be fed to ruminants.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are you responsible for the purchase of stockfeed ensure the stockfeed is free from Commodity Vendor Declaration (CVD)?	<a href="#">Commodity Vendor Declaration</a>	Store CVD for a minimum of three years or the life of livestock fed the stockfeed, whichever is the greater.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Is stockfeed inspected on delivery to ensure it is fit for purpose (e.g., free from mould and visual contaminants)?	Purchase records	Inspect stock feed on arrival and ensure stockfeed matches what was ordered. If stock feed is spoil implement disposal plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Is there a disposal plan in place for its disposal?	Disposal plan for spoilt stock feeds.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



# Assess your risk of introducing stock

## SECTION B – Animal Health Information

3. All consigned sheep are from a flock that is free of **virulent footrot**?\* Y  N
4. All consigned sheep are from a flock that is free of benign footrot or scald?\* Y  N   
If (N) please provide further information below
- 
5. All consigned sheep are from a flock that is free of **lice**?\* Y  N
- 
6. All consigned sheep are from a flock in an **ovine brucellosis** accreditation scheme? Y  N   
 If Yes, Flock Accreditation No. (except Qld) \_\_\_\_\_ Expiry Date    /    /
- 
7. All consigned sheep are **Johne's disease (JD) Approved Vaccinates**?\* Y  N   
 If Yes, I have been continuously vaccinating all retained lambs in the consignment flock against JD for \_\_\_\_\_ years. (Vendor-bred sheep only)
- 
8. All consigned sheep are from a **SheepMAP flock**?\* Y  N   
 If yes, Status    Year commenced    Certificate Number
- 
9. All consigned sheep are from a flock with a negative test for JD?\* Y  N   
 If yes, which test? \_\_\_\_\_ Date of test    /    /
- 
10. Any other JD management practices carried out on the property?  
 \_\_\_\_\_

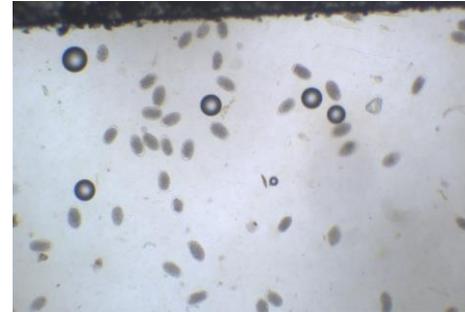


11. Any other relevant health information

.....

## SECTION C – Treatment Information of Consigned Sheep

Treatment type	Product	Date of last treatment
External Parasite Treatment		
Internal Parasite Treatment		
Other treatments		
Vaccination (other than JD)		



# Stock arriving on your property



**Do not forget agisted stock or animals from shows or sales**

**Do not forget strays**



# Other biosecurity considerations



# Stock leaving property

Fit to load

Healthy and no signs of disease

Correctly identified

Scabby Mouth



Cancer: Vulva



Enlarged testicles



# Surveillance & records

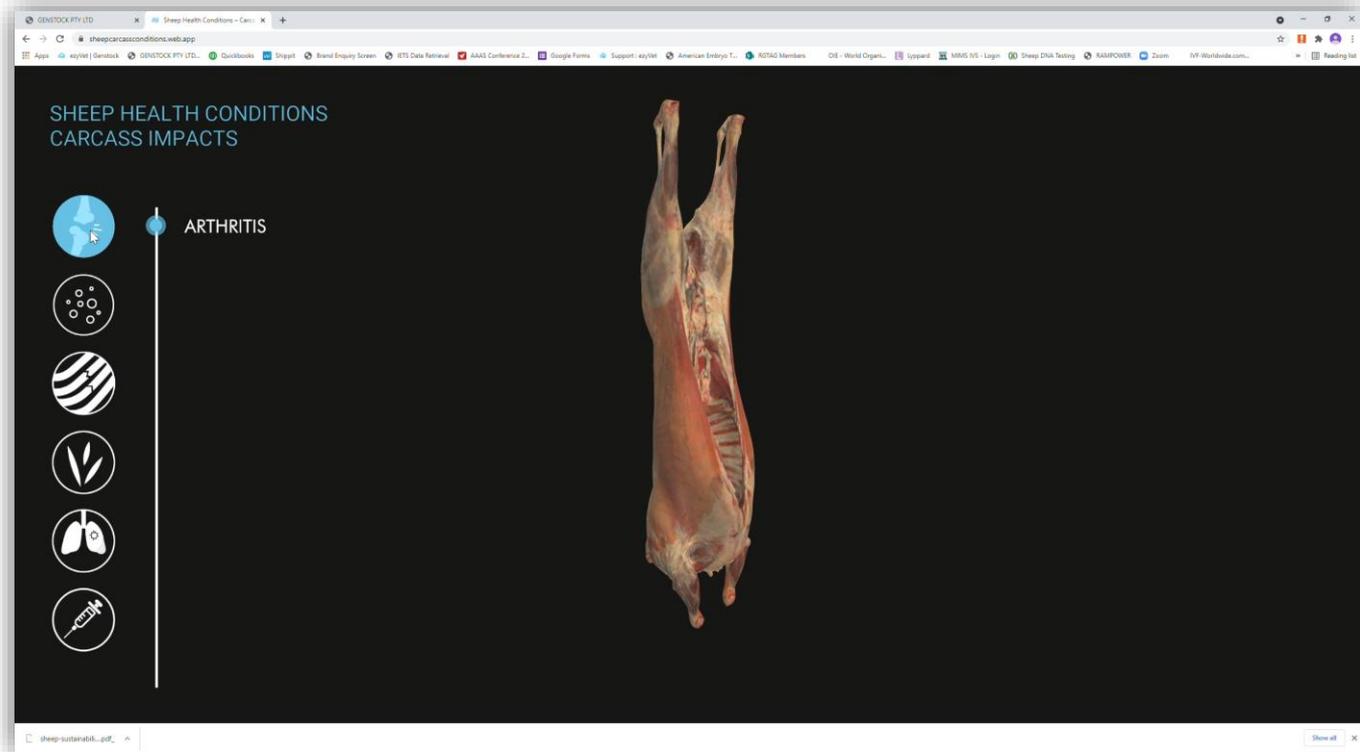
- Train staff
- Be aware of diseases, pests and weeds that may impact your business
- Keep records
- Report suspect diseases and pests



**EXOTIC PLANT PEST HOTLINE**  
☎ 1800 084 881

**EMERGENCY ANIMAL  
DISEASE WATCH HOTLINE**  
☎ 1800 675 888

# Information is power



# Traceability

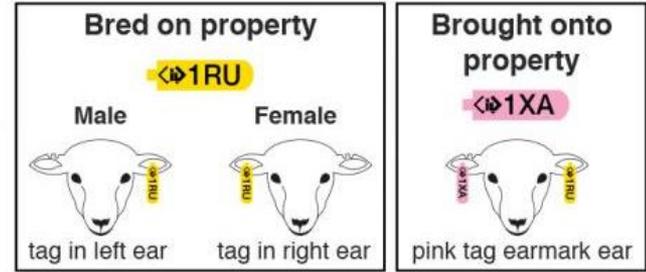
- SAFEMEAT report and recommendations
  - National system
  - Database improvement
  - Mandating EID
  - Funding arrangement and impact statement

What can we do ....

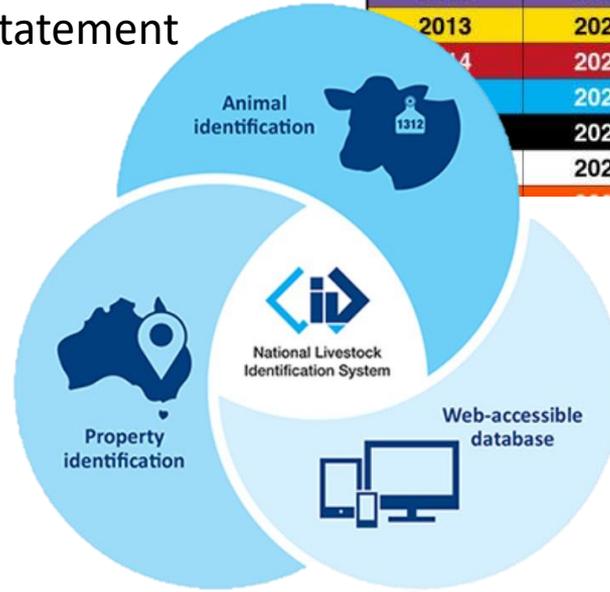
- Correct identification of animals
- NVD
- NLIS database



All tags must be embossed with your registered brand and the NLIS logo



Year	Year	Colour	pink tag = post-breeder tags must be pink
2012	2020	purple	
2013	2021	yellow	
2014	2022	red	
2015	2023	sky blue	
2016	2024	black	
2017	2025	white	



# Traceability – Apps & new technologies

- Apps - information into NLIS database
- Smart Tags – GPS, temperature, health info
- Retinal scanning
- Facial recognition



# Take home messages

What can we do?

- Biosecurity plan
- Identifying animals correctly (NLIS tags)
- NVD + National Sheep Health Declaration
- NLIS database
- Inspect stock on arrival
- Quarantine procedures on introduction
- On-farm surveillance



# Tools and resources

- Farm biosecurity app - <https://www.farmbiosecurity.com.au/>
- Integrity Systems Company - <https://www.integritysystems.com.au/>
- Livestock Productivity Assurance - <https://lpa.nlis.com.au/>
- National Livestock Identification Scheme - <https://www.nlis.com.au/>
- Axichain - <https://www.axichain.io/>
- Sheep Carcass Conditions – Animal Health Australia - <https://sheepcarcassconditions.web.app/>

