

One Biosecurity:

Building Resilient Livestock Systems in SA

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One Biosecurity

- **The new over arching programme of Biosecurity SA Animal Health.**
- **Joint initiative in partnership with Livestock SA**
- **State-wide approach to:**
managing, protecting, and promoting SA's
strong biosecurity regime across its livestock
industry.



One Biosecurity – Whole Industry Benefits

Holistic Approach - benefits flow across industry:

- Individual producers
- Agents, Processors
- Local regions
- State

Through education, change of practice, linkages, trade access

ON FARM BENEFITS AND TRADE BENEFITS



Biosecurity – Defined

BIO = Life, living things

SECURITY = protection, safety

Protecting your living things from threats

Threats = infectious diseases, poisons, chemical residues, nutritional disorders, etc.

Threats are costly and weaken your production system and reduce revenue and profit.



One Biosecurity

One Biosecurity will help you:

Prevent and manage threats to your production system.

BUILDS RESILIENCE IN YOUR BUSINESS



One Biosecurity

Focus will be on what you do on your property:

- farm practices**
- decision making**
- reducing risk**



One Biosecurity

One Biosecurity is the new way in which PIRSA Animal Services will deliver its services.

Will centre around BIOSECURITY on properties and declared disease status

Focuses on what producers do



One Biosecurity - Focus on Farm Practices

- Risk based trading
 - BUT facilitated – PARTNERSHIP
- Provides a framework giving:
 - Greater trading options
 - Greater transparency
 - More information to make decisions
 - Ability to promote good practice
 - More equitable system
 - Greater resilience to face change and challenge



One Biosecurity – The Greatest Benefit

1 B provides the essential bridge for risk based trading:

- In the current national and state approaches to Endemic Disease Control and trading
- One Biosecurity FILLS THE VOID
- Provides the only credible means by which producers can trade with confidence
 - Provides framework for decision making
 - Safe, transparent, reliable, risk-based



Benefits to Producers

- Improved biosecurity and production
 - Enhanced disease control/prevention
- Greater trading confidence
- More trading options
- Promote the positives of enterprise
- Industry approved Biosecurity Plan
- Pre-filled Sheep/Cattle Health Statement



Benefits to Producers

- Whether BUYING or SELLING LIVESTOCK
- You need to be registered on 1B
- Buyers need to KNOW what they are buying and should demand sellers be on 1B
- Sellers need to promote their business to prospective buyers openly and transparently and expect and desire buyers to be checking them out



One Biosecurity

- Deliberately designed as all-encompassing and constitutes PIRSA's new approach to improving farm animal health.
- Recognises the multi-factorial causation of animal diseases
 - best dealt with using integrated and holistic approaches as opposed to the previous single focus disease programs.
- About creating winners not victims
 - encourage constructive and helpful behaviour through education, reward and positive reinforcement



Benefits to Whole of Industry

- Will provide credible assurance to existing domestic and international markets and help us meet potential new market access requirements
- Improve government/industry disease surveillance and analysis capabilities, which is vital in maintaining the State's favourable animal health status
- Better equipped for animal health emergencies.
 - earlier detection
 - faster response
 - less spread
 - quicker recovery



Benefits to Agents

- Greater transparency in trading livestock
- Greater options for marketing
- Greater confidence
 - Framework for risk based trading
- Online/Easy Access
 - Rapid and effective means for sourcing and displaying livestock
- Easy placard creation for promoting livestock



One Biosecurity – Managing Risk

- **Integrated biosecurity risk management system**
 - to provide comprehensive risk protection against both endemic and exotic diseases.
 - Combines a number of risk mitigation measures enabling producers to manage risk to a level of their own choosing
 - Still ensures a common base level of risk across all participating enterprises.



Features a Web Portal

- Free, easy-to-use website allowing livestock producers to register, manage, check and declare their farm biosecurity status online.
- One-stop, online tool will provide best practice biosecurity assessment, management, response advice and guidelines for multiple livestock diseases in SA.



One Biosecurity web portal

- Producers self-guided through the program's two core online components:
 - Biosecurity Practices Questionnaire
 - Endemic Disease Risk Rating modules.
- Producers able to print and/or make available an online summary of their status to use when selling, buying or promoting their livestock.



One Biosecurity web portal

- Main web portal functions
 - Biosecurity practices questionnaire
 - Endemic disease status (disease risk ratings)
 - Declare status and provide supporting documentation
 - Generate and print a summary of biosecurity practices
 - Prefill and Animal Health Statement
- Who can register and use the web portal
 - Livestock producers with an active PIC
 - Initially starting with sheep, beef and dairy cattle
 - Associated businesses/people such as stock agents, saleyards, and abattoirs



One Biosecurity

- Voluntary
- Involves audit/verification component
- Retains the option to quarantine recalcitrant operators





Government of South Australia
Primary Industries and Regions SA

[ABOUT](#)[FAQ](#)[LOGIN](#)

Welcome to One Biosecurity

South Australia's Farm Biosecurity Program



Register Today on myPIRSA →



Obtain your Biosecurity Ratings



Obtain your Disease Risk Ratings



Find other member's ratings prior to
purchasing stock



Share your ratings with other members

ABOUT ONE BIOSECURITY

One Biosecurity is a new state-wide approach to managing, protecting, and promoting South Australia's strong biosecurity regime across its livestock industry.

Primary Industries and Regions SA (PIRSA), through Biosecurity SA, has developed the program in collaboration with the livestock industry, in particular with the assistance and support of Livestock SA.



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Primary Industries and Regions SA

One Biosecurity – producer activities



Obtain your Biosecurity Ratings



Obtain your Disease Risk Ratings



Find other member's ratings prior to
purchasing stock



Share your ratings with other members

- Add their accreditations/other programs
 - E.g. Certified Organic, MSA....etc.
- Add their routine animal health management details
 - Vaccination, parasite management
- View Enhanced Abattoir Surveillance results (sheep only)
- Generate a Sheep/Cattle Health Declaration



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One Biosecurity – producer activities



Obtain your Biosecurity Ratings



Obtain your Disease Risk Ratings



Find other member's ratings prior to
purchasing stock



Share your ratings with other members

- Share their biosecurity information
- Search for other members
- Get reminder emails
- Receive informational emails – i.e. targeted emails
- Receive verification of their biosecurity information



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One Biosecurity – producer activities

Poll Dorset Stud

Enter Enterprise ID

View

Enterprise Summary

Generate Health Declaration

Search

Delete Enterprise

NATIONAL SHEEP HEALTH DECLARATION

Completing this National Sheep Health Declaration (NSHD) will assist prospective buyers to make an informed decision about the health status and management history of these sheep. The NSHD is mandatory for all sheep movements in SA and for sheep being moved into NSW and Tasmania. It is voluntary in other states (Version 5, May 2017).

Property Identification Code (PIC) of this property

This MUST be the PIC of the property that the stock is being moved from

S B 2 6 3 3 1 2

Attached to accompanying NVD/Waybill No.

SECTION A – BIOSECURITY INFORMATION

- All consigned sheep were born on the consignment property. Yes ☐ No ☐
- The number of different sources of sheep that have been **INTRODUCED** onto the consignment property in the last 5 years is:
0 (closed flock) ☐ 1-5 ☐ 6+ ☐ Rams Only ☒
- All consigned sheep are from a property with a livestock biosecurity plan ⁽¹⁾.
If Yes, Property Plan ☒ Regional Biosecurity Plan ☐ (name)
- Have the consigned sheep had access to weeds that are declared noxious in your region? ⁽²⁾ Yes ☐ No ☐
If yes, please provide further information.
.....

SECTION B – FOOTROT/LICE/OVINE BRUCELLOSIS

- All consigned sheep are from a flock that is free of VIRULENT FOOTROT ⁽³⁾. Yes ☐ No ☐
- All consigned sheep are from a flock that is free of LICE. Yes ☐ No ☐
- All consigned sheep are from a flock in an OVINE BRUCELLOSIS accreditation scheme. Yes ☒ No ☐
If Yes, Flock Accreditation No. (except Qld) Expiry Date / /20

SECTION C – JOHNES DISEASE (JD)

- (a) All consigned sheep are Approved Vaccinates ⁽⁴⁾. Yes ☐ No ☐
(b) If Yes, I have been continuously vaccinating all retained lambs in the consignment flock against JD for years.
- All consigned sheep are from a SheepMAP flock ⁽⁵⁾. Yes ☐ No ☐
If Yes, Status Year commenced in SheepMAP
- All consigned lambs are NLIS 'T' tag (terminal) lambs ⁽⁶⁾. Yes ☐ No ☐

4. JD is suspected or known to occur in the flock of the consigned sheep. ⁽⁷⁾ Yes ☐ No ☐

5. All consigned sheep are from a flock with a negative test for JD ⁽⁸⁾. If Yes ☐ No ☐
Yes, which test?

Faecal 350 within the past 24 months ☐ Abattoir 500 within the past 24 months ☐

Abattoir 150 within the past 12 months ☐ Other⁽⁹⁾ ☐

6. Sheep **INTRODUCED** onto the consignment property in the last 5 years were from a flock with ^(4, 5 and 8): (multiple answers may be applicable)

SheepMAP accreditation ☐ Negative Faecal 350 ☐

Negative Abattoir 500 ☐ Negative Abattoir 150 ☐

All Approved Vaccinates ☐ Unknown status ☐

Other⁽¹⁰⁾ ☐

SECTION D. TREATMENT INFORMATION OF CONSIGNED SHEEP

Treatments	Product	Date of last treatment
External Parasite Treatment		
Internal Parasite Treatment		
Vaccination (other than JD)		

E. DECLARATION ⁽¹¹⁾

I (full name):
1BIS-owner 1BIS-1p-sheep

Address 33 FLEMINGTON STREET, GLENSIDE, SOUTH AUSTRALIA, 5065

declare that, I am the owner and/or person responsible for the husbandry of the sheep in this consignment and all the information on this Sheep Health Declaration is true and correct:

Signed: Date: 10 / 10 /20 17

Phone number: 04 0034 5972 Fax/Email: 1bis.user.a@gmail.com

Producers are advised to retain appropriate records to support this declaration. Persons making false statements may be liable under fair trading and other relevant state legislation.

Printed from One Biosecurity



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One Biosecurity – producer activities

Poll Dorset Stud

Enter Enterprise ID

View

Enterprise Summary

Generate Health Declaration

Search

Delete Enterprise

VIEW ENTERPRISE SUMMARY

- ☐ Enterprise Summary
- ☐ Biosecurity Rating
- ☐ Sheep Lice
- ☐ Ovine Brucellosis

View

Cancel

ONE BIOSECURITY STATUS

One Biosecurity Enterprise ID: 1B-10072

Poll Dorset Stud (SB263312)

Poll Dorset Stud

Sheep / Meat, Wool / Stud / Poll Dorset

PIC : SB263312

Address : 33 FLEMINGTON STREET, GLENSIDE, SOUTH AUSTRALIA, 5065

Emergency Animal Disease Watch Hotline : 1800 675 888

Local PIRSA Animal Health Office : Murray Bridge (8539 2112)



BIOSECURITY RATING

Completed by : 1BIS-owner 1BIS-1p-sheep

Date Completed : 9th Oct, 2017

4 out of 5 Stars



DISEASE RISK RATINGS

Footrot

Johne's Disease in Sheep

Not Currently Classified

Not Currently Classified

Sheep Lice

Ovine Brucellosis

Not Currently Classified

Independently Assessed Low Risk

Completed By : 1BIS-owner 1BIS-1p-sheep

Date Completed : 3rd Oct, 2017

THIS DOCUMENT CAN BE CERTIFIED BY A VETERINARIAN IF DESIRED

Veterinarian Name



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Poll Dorset Stud

Enter Enterprise ID

View

Enterprise Summary

Generate Health Declaration

Search

Delete Enterprise

VIEW ENTERPRISE SUMMARY

- Enterprise Summary
- Biosecurity Rating
- Sheep Lice
- Ovine Brucellosis

View

Cancel

LIVESTOCK BIOSECURITY PLAN

One Biosecurity Enterprise ID: 1B-10072

Poll Dorset Stud (SB263312)

Poll Dorset Stud

Sheep / Meat, Wool / Stud / Poll Dorset

PIC : SB263312

Address : 33 FLEMINGTON STREET, GLENSIDE, SOUTH AUSTRALIA, 5065

Completed by : 1BIS-owner 1BIS-1p-sheep

Date completed : 9th Oct, 2017

Date last verified : 24th Oct, 2017

Emergency Animal Disease Watch Hotline : 1800 675 888

Local PIRSA Animal Health Office : Murray Bridge (8539 2112)



4 out of 5 Stars



CURRENT BIOSECURITY PRACTICES

SECURING THE PRODUCTION AREA

Management strategies for preventing straying of livestock onto/off of this enterprise:

- Fencing is secure and suitable for the class of livestock
- Gates to the production area are kept closed

Management practices for straying livestock:

- Any stock that stray onto this enterprise are put back onto the property where they strayed from.
- Stock from this enterprise are easily distinguishable from stock from other properties and therefore strays can be identified easily.
- If any animal(s) stray onto this enterprise they are yarded and the owner contacted to collect them.
- If any animal(s) stray onto this enterprise the health status of the animals on the property of origin is discussed with the owner to assess the disease risk to the animals on this enterprise.

Boundary fencing and associated infrastructure for this enterprise is:

- inspected at least once a month.
- inspected when damage occurs.
- inspected when stock are missing.



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One Biosecurity – producer activities

Poll Dorset Stud

Enter Enterprise ID

View

Enterprise Summary

Generate Health Declaration

Search

Delete Enterprise

VIEW ENTERPRISE SUMMARY

- ☐ Enterprise Summary
- ☐ Biosecurity Rating
- ☐ Sheep Lice
- ☐ Ovine Brucellosis

View

Cancel

DISEASE RISK RATING: Sheep Lice

One Biosecurity Enterprise ID: 1B-10072

Poll Dorset Stud (SB263312)

Poll Dorset Stud

Sheep / Meat, Wool / Stud / Poll Dorset

PIC : SB263312

Address : 33 FLEMINGTON STREET, GLENSIDE, SOUTH AUSTRALIA, 5065

Completed by : 1BIS-owner 1BIS-1p-sheep

Date completed : 18th Oct, 2017

Emergency Animal Disease Watch Hotline : 1800 675 888

Local PIRSA Animal Health Office : Murray Bridge (8539 2112)



Disease Risk Rating
Sheep Lice

Not Currently Classified Unknown Risk

CURRENT BIOSECURITY PRACTICES

MONITORING MY FLOCK FOR LICE: Practices I undertake to ensure that lice is unlikely to occur in my flock

- Throughout the year the flock has been regularly checked for any signs of lice (e.g. rubbing, wool in mouth) and if any signs occur, thoroughly inspected for lice.

MONITORING LICE IN MY FLOCK: Practices I undertake to monitor and control lice in my flock

- Lice have been detected in this flock in the last 12 months.

LIVESTOCK INTRODUCTIONS AND GRAZING PRACTICES: Strategies I utilize to minimize the risk of introducing or spreading lice

- No sheep are introduced onto this property - i.e. it is a closed flock.
- All fencing is regularly inspected and maintained to prevent straying and allow for isolation.



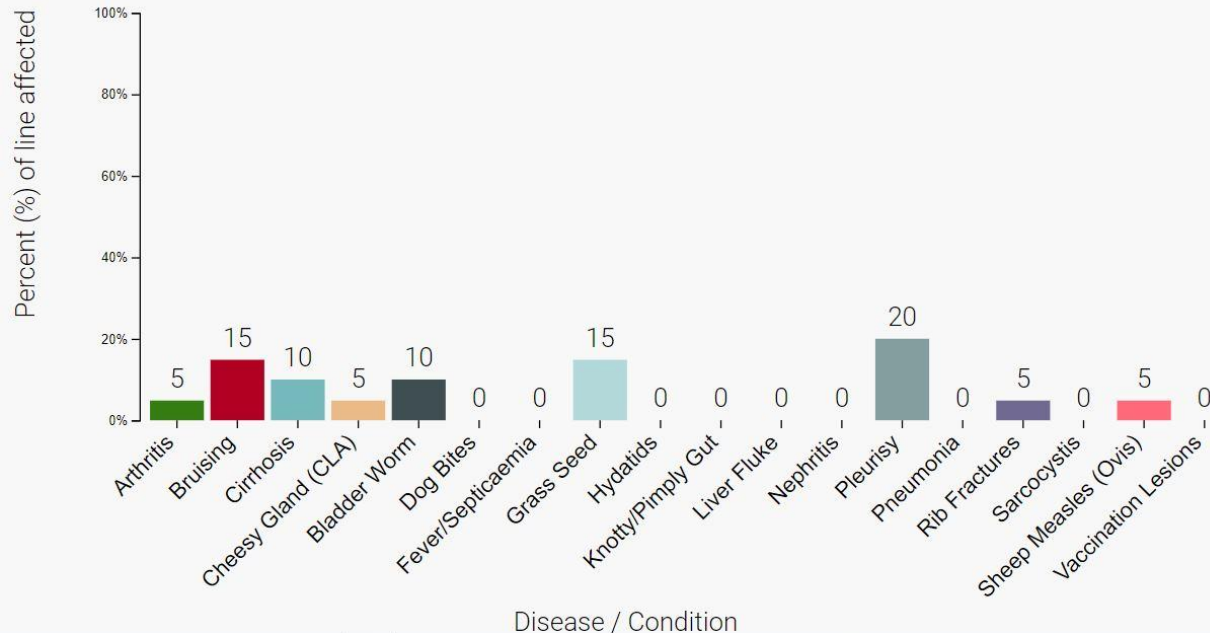
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OWNER	PIC	KILL DATE	ABATTOIR	LOT NO.	NO. KILLED	AGE CATEGORY
1BIS-1p-sheep	SB263312	9 Oct 2017	Murray Bridge	251	110	Mutton

Johne's Disease: CONFIRMED

SHEEP DISEASES/CONDITIONS DETECTED DURING PROCESSING



SELECT RECORD (PIC SB263312)

KILL DATE	NO. KILLED	AGE
11 Oct 2017	170	Lamb
9 Oct 2017	110	Mutton
8 Oct 2017	109	Mutton
7 Oct 2017	108	Mutton
6 Oct 2017	107	Mutton

More information on Diseases and Conditions can be found [here](#).



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COMMERCIAL MERINOS

Sheep / Wool / Commercial (self-replacing) / Merino

DISEASE STATUS			
Disease	Status	Assessed	Verified
Footrot	Self-Assessed Low Risk	30-Oct-2017	
Johne's Disease in Sheep	Independently Assessed Low Risk	09-Oct-2017	
Ovine Brucellosis	Self-Assessed Low Risk	27-Oct-2017	



Assessed

30-Oct-2017



One Biosecurity Enterprise ID: **1B-10076** PIC: **SB263312**
Search PIC or One Biosecurity Enterprise ID for more information.
Above description is as supplied by the vendor. No responsibility is held by the agent or PIRSA.



One Biosecurity

Drivers for change to new approach

- Markets – international, national, consumers
- Disease – increased knowledge, changes in severity
- Funding – decreased, greater efficiency required
- Livestock Industry – producers, agents

Demand for:

Greater information, transparency, biosecurity,
food safety, efficiency



Previous Approach – Endemic Disease Control Programs

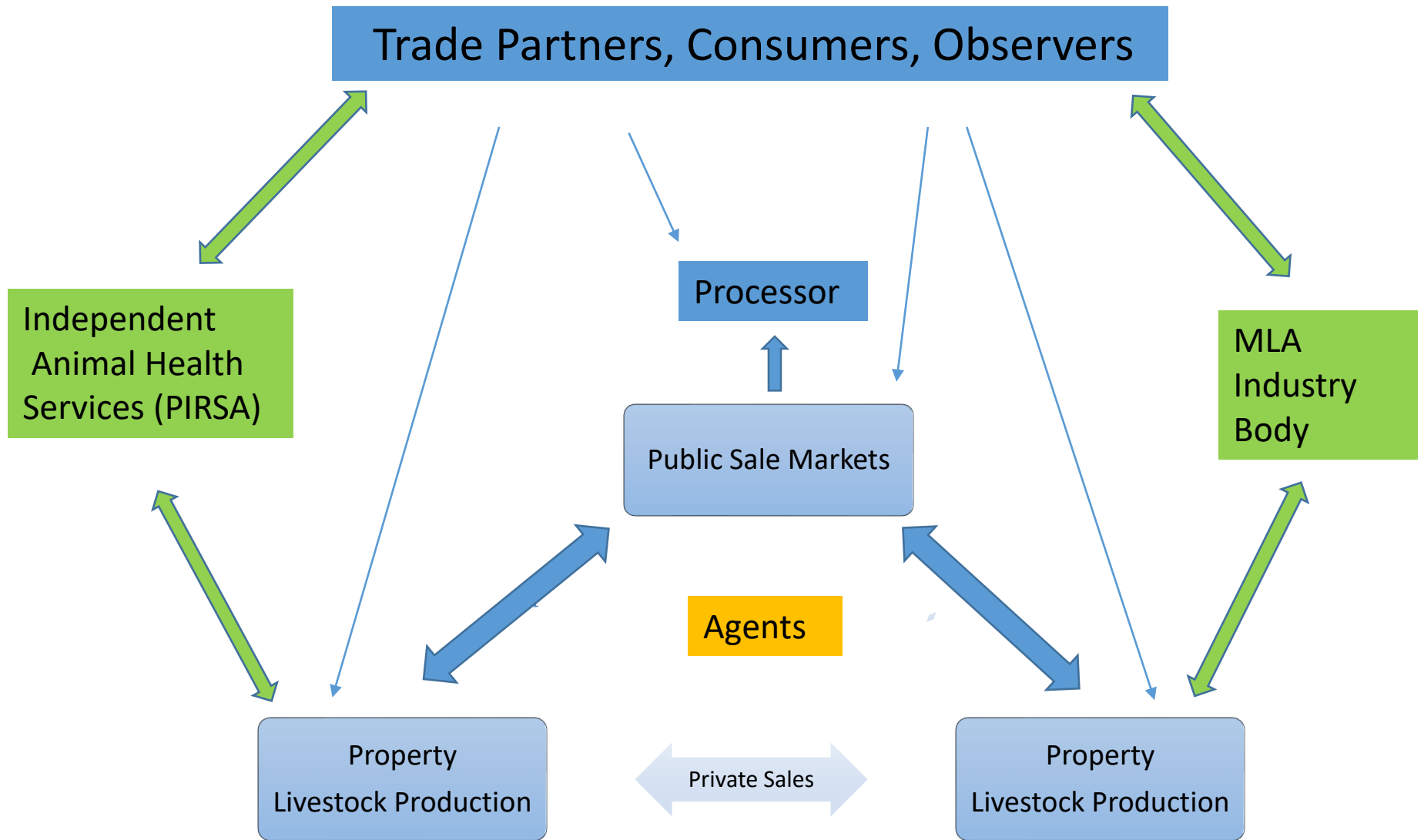
- Regulatory - requires > funding, not sustainable
- Quarantine – restrict movement of diseased livestock
- Relies on detection, diagnosis, notification
- Stigma
- Specific programs for each disease
- Inequitable, lacks transparency

Focus was on Individual Diseases



One Biosecurity: Meets the demands of Trade Partners





Expectations -Trade Partners/Purchasers

Integrity Safety Transparency Traceability

Public expects - any product they buy is safe, will do no harm, originates from an environment with acceptable ethical standards

In the 21st century, if you're producing something, you're under scrutiny.

When producing food and fibre, there is no such thing as privacy.



Expectations -Trade Partners/Purchasers

Integrity Safety Transparency Traceability

Not just that it looks good and tastes good (positive experience)

BUT

Where it came from and what the producer does to produce the product (documented, demonstrated, verified)
(Biosecurity Practices)



RISK

Purchasers take risks!

Exporting countries take risks

Food directly affects the wellbeing of people and communities.

The Purchasers want that RISK REDUCED

