

Tools and Information For LBN On Farm Biosecurity Manual

Priority 1 – Inputs – Livestock. Feed and Water	
Document or Reference topic	Information, document name, source or link
NVD/Waybill copies	Use for all livestock movements, NVD/Waybills can be sourced from http://www.mla.com.au/Meat-safety-and-traceability/Livestock-Production-Assurance/Vendor-declarations
National Health Declarations	Animal health declarations (species specific) are provided in your resources or please go to www.farmbiosecurity.com.au
Livestock receipt and Inspection record	http://www.farmbiosecurity.com.au/toolkit/records/
NLIS	For a complete source of NLIS information please go to www.nlis.com.au
Body Score conditioning	https://www.daf.qld.gov.au/_data/assets/pdf_file/0015/53520/Animal-HD-Investigation-Condition-scores.pdf http://www.dairyaustralia.com.au/Animal-management/Fertility/Body-Condition-Scoring/Body-condition-scoring-your-cows.aspx
Low stress stock handling	More information on low stress stock handling can be found at: http://www.lss.net.au/
Safe yarding and handling facilities	Yard design information: Cattle http://futurebeef.com.au/wp-content/uploads/Cattle_yards_third_edition.pdf http://www.dpi.nsw.gov.au/agriculture/livestock/beef/equip https://www.agric.wa.gov.au/management-reproduction/constructing-cattle-yards-small-landholders?page=0%2C2 https://www.worksafe.qld.gov.au/agriculture/workplace-hazards/cattle-handling Sheep: http://www.dpi.nsw.gov.au/agriculture/livestock/sheep/yards-equipment http://www.wool.com/fl/on-farm-research-and-development/wool-harvesting-and-quality-preparation/shearing-sheds-and-sheep-yards/sheep-yards-design-and-construction
RAM checklist for	Checklist recommended, (RAM requirements compulsory):

producers	https://www.mla.com.au/globalassets/mla-corporate/generic/meet-safety-and-tracability/ruminant-feed-ban-producer-checklist.pdf
Ruminant Feed Ban for livestock owners	https://www.business.qld.gov.au/industries/farms-fishing-forestry/agriculture/land-management/health-pests-weeds-diseases/livestock/tse/feed-ban-owners http://www.dpi.nsw.gov.au/biosecurity/animal/stock-feed-control https://www.agric.wa.gov.au/livestock-biosecurity/ruminant-feed-ban
Stock feed/fodder purchase, storage, and usage record	<p>Use this record as document control for the vendor declarations that arrive with purchases of feed, the date the feed arrives and who delivers the product. It also includes information on storage and usage (may be supported by other documents if required, such as baiting records). This document is provided in your resources.</p> <p>Recommended with all purchased fodder. Electronic form available from http://www.mla-eform.com.au/industry/commodity/index.asp</p> <p>http://www.dpi.nsw.gov.au/animals-and-livestock/beef-cattle/feed/cvd-stockfeeds</p>
Commodity/By Product	
Vendor Declarations	https://lpa.nlis.com.au/Account/Login?ReturnUrl=%2F
Water infrastructure map and monitoring plan	Can be added to property map. Monitoring plan can be addressed in this section also
Livestock drinking water references	<p>Livestock drinking water guidelines</p> <p>https://www.dpi.nsw.gov.au/_data/assets/pdf_file/0009/96273/Water-requirements-for-sheep-and-cattle.pdf</p> <p>http://agriculture.vic.gov.au/agriculture/farm-management/managing-dams/water-supply-for-stock-containment-areas</p> <p>Reasonable stock water requirements</p>
Management Calendars	<p>Management calendar may assist in planning your animal health operations for the year. We have provided links to a selection of advisory calendars and templates to assist you with management planning (see over).</p> <p>Cattle Northern Territory: http://www.nt.gov.au/d/Content/File/p/pi/KBP_Chapter_2.pdf</p> <p>Cattle Southern NSW: http://www.smallfarms.net.au/BeefCalendarDraft1.pdf</p> <p>Cattle Western Australia: (Drenching Fact Sheet) http://archive.agric.wa.gov.au/objtwr/imported_assets/content/pw/ah/drenching%20cattle%20fact%20sheet%20final%2015%20oct%202012.p</p>

	<p>df</p> <p>Sheep: http://www.makingmorefromsheep.com.au/healthy-contented-sheep/tool_11.3.htm</p> <p>www.Wormboss.com.au for regions specific management of worms</p>
<i>Animal Treatment Record</i>	If you utilise a Livestock Production Assurance (LPA) record book, Section 2 is relevant here. We have also provided a template in the resources.
<i>Herd/Flock Management Calendars and reference documents on vaccination and parasite control</i>	More information can be found in the sub-folders in the Priority Area 5 resources.
<i>Endemic disease prevention and control strategy record</i>	
<i>Disease risk management template or endemic disease prevention and control strategy template</i>	<p>These documents can link to the herd/flock management calendar. The endemic disease control and prevention strategy is a simple form that highlights the common diseases in your area and what you can do to prevent and control them. The disease risk management template is more complex and one template is completed for each disease to be addressed.</p> <p>This form is recommended for high impact diseases such as footrot and OJD/BJD.</p>
<i>Recognising livestock diseases</i>	<p>http://futurebeef.com.au/topics/health-and-disease/</p> <p>Sheep diseases</p> <p>http://www.pir.sa.gov.au/_data/assets/pdf_file/0005/289265/Sheep_Diseases_-_The_Farmers_Guide_-_2nd_Edition_-_July_2015.pdf</p> <p>We have also provided the names of a selection of text books on livestock health that are useful.</p> <p>Your state government department may also provide good resources on local diseases of livestock.</p>
<i>Best management practices for livestock husbandry</i>	Provided in your resources, or can be sourced from the MLA website.

Priority 2 – People, Vehicles and Equipment	
Document or Reference topic	Information, document name, source or link
Visitor Register	These forms can be found at www.farmbiosecurity.com.au
Visitor/Staff Risk Assessment	
Supplier/Service provider/Contractor Register	
Vehicle entry log	
Farm Biosecurity Sign	http://www.farmbiosecurity.com.au/buy-a-gate-sign/
Vehicle contamination cleaning record	Checklist for cleandown procedures http://archive.agric.wa.gov.au/objtwr/imported_assets/content/pw/ph/contractor_guidelines.pdf
Weed hygiene declaration or weed control certificate (or similar)	More information is available in your training manual and in your resources.
Vehicle inspection record	Cleandown procedures for preventing weed spread Inspection Procedures Washdown facility guidelines Department of Natural Resources, Queensland (2000). Queensland checklist for clean-down procedures. Queensland weed seed spread project, July 2000. Queensland Government, Brisbane. http://www.daff.qld.gov.au/_data/assets/pdf_file/0011/58178/IPA-Cleandown-Procedures.pdf . Access date 13/02/2014 Department of Natural Resources, Queensland (2000). Queensland checklist for inspection procedures. Queensland weed seed spread project, July 2000. Queensland Government, Brisbane. http://www.daff.qld.gov.au/_data/assets/pdf_file/0016/64006/IPA-Inspection-Procedures.pdf . Access date 13/02/2014

Priority 3 – Production Practices	
<i>Document or Reference topic</i>	<i>Document or Reference topic</i>
<i>Carcass disposal plan template</i>	Provided in resources
<i>Carcass disposal references</i>	http://www.epa.nsw.gov.au/mao/deadstockdisposal.htm Provided in your references http://agriculture.vic.gov.au/agriculture/livestock/beef/handling-and-management/off-farm-disposal-of-cattle https://www.agric.wa.gov.au/animals-and-fire-emergencies/caring-animals-after-emergencies
<i>Farm Waste Management template</i>	http://www.dpi.vic.gov.au/agriculture/about-agriculture/legislation-regulation/legal-information/waste-management-legal-booklet http://www.daff.qld.gov.au/animal-industries/animal-health-and-diseases/protect-your-animals/disposal-of-food-waste http://growcom.com.au/uploads/41216on-farm_waste_management.pdf
<i>Wastewater disposal</i>	http://www.ehp.qld.gov.au/water/monitoring/wastewater.html
<i>Chemical Waste checklist</i>	On farm risk assessment for persistent chemical and contaminants.

Priority 4 – Pests and Weeds

<i>Document or Reference topic</i>	<i>Document or Reference topic</i>
Feral animals and pests	
<i>Wild Dog control plan</i>	Individual property plan for wild dog control Control planning calendar for wild dogs Baiting record template PestSmart wild dog control and management planning (Green Book and Brown Book) which can also be found at: http://www.feral.org.au/pestsmart/best-practice-pest-animal-
<i>Wild pig control plan</i>	PestSmart Feral Pig management guidelines: http://www.feral.org.au/pestsmart/best-practice-pest-animal-management/ Feral pig control manual
<i>Vermin control (Rats, mice)</i>	It is also recommended that a baiting record be kept when using poisons to control these species. Pest species controlled baiting record
<i>Invasive insect control (Locusts, ants)</i>	More specific information on these pests can be obtained from your local biosecurity inspector, or state government departments.
<i>Other feral species (e.g. cats, foxes, deer, camels, wild horses, goats, rabbits, birds)</i>	Best practice management information for many feral species have been provided in the resources. http://www.feral.org.au/pestsmart/best-practice-pest-animal-management/ http://www.dpi.nsw.gov.au/biosecurity/vertebrate-pests https://www.agric.wa.gov.au/invasive-species/high-priority-animal-species
<i>Vertebrate poisons</i>	QLD Health permit for poison https://www.health.qld.gov.au/system-governance/licences/medicines-poisons/licensing-fees/poison-permits https://www.agric.wa.gov.au/1080/baiting-and-poison-permits
Weeds	
<i>Weed recognition</i>	http://www.growmeinstead.com.au/declared-plants.aspx http://agriculture.vic.gov.au/agriculture/pests-diseases-and-weeds/weeds/a-z-of-weeds
<i>Weed distribution maps</i>	http://www.environment.gov.au/biodiversity/invasive/weeds/weeds/index.html You may also wish to investigate state government department resources such as predictive maps.
<i>Weed control and action plans</i>	We recommend you liaise with your local council, Catchment or NRM group and invasive pest authority. Weed control handbooks provided in resources

<i>Weed prevention</i>	Also see Priority Area 2 for forms and procedures relating to the prevention of the introduction of weeds onto your property Vehicle contamination cleaning record Vehicle inspection record Weed hygiene declarations/certificates
<i>List of common poisonous plants and management Strategies</i>	Source a good book or utilise website resources. Some examples are given in your resources. Your state government Department of Agriculture or Primary Industries, or NRM group will also likely have some online resources

Priority 5- Outgoing Products	
Document or Reference topic	Document or Reference topic
Fit-to-load	MLA fit-to-load Guide can be downloaded from https://www.mla.com.au/CustomControls/PaymentGateway/ViewFile.aspx?8znoiE22IExXkZNN6z/ht+RHdGsB+0+ryJnxjWa16FYe/D/C8aTPH5bN2i20
Body Score conditioning	https://www.daf.qld.gov.au/_data/assets/pdf_file/0015/53520/Animal-HD-Investigation-Condition-scores.pdf http://agriculture.vic.gov.au/agriculture/livestock/beef/handling-and-management/condition-scoring-of-beef-cattle http://www.makingmorefromsheep.com.au/wean-more-lambs/tool_10.1.htm
Livestock Transport Code	Land Transport code of Practice can be downloaded from: http://www.animalwelfarestandards.net.au/files/2011/02/Land-transport-of-livestock-Standards-and-Guidelines-Version-1.-1-21-September-2012.pdf
Australian Livestock Rural Trucking Association Guide.	http://alrta.org.au/wp-content/uploads/2015/07/RL13654_ALRTA-Ramps-
Low stress stock handling	More information on low stress stock handling can be found at: http://www.lss.net.au/
Safe yarding and handling facilities	Yard design information: Cattle http://futurebeef.com.au/wp-content/uploads/Cattle_yards_third_edition.pdf http://www.dpi.nsw.gov.au/agriculture/livestock/beef/equip https://www.agric.wa.gov.au/management-reproduction/constructing-cattle-yards-small-landholders?page=0%2C2 https://www.worksafe.qld.gov.au/agriculture/workplace-hazards/cattle-handling Sheep: http://www.dpi.nsw.gov.au/agriculture/livestock/sheep/yards-equipment http://www.wool.com/fl/on-farm-research-and-development/wool-harvesting-and-quality-preparation/shearing-sheds-and-sheep-yards/sheep-yards-design-and-construction
Transit Management	https://www.business.qld.gov.au/industries/farms-fishing-forestry/agriculture/livestock/livestock-movement/legal-requirements

Priority 6 – Plan, Train and Record	
<i>Document or Reference</i>	<i>Document or Reference topic</i>
Contingency topic	Planning
<i>Emergency contact list</i>	<p>Keep this list of numbers in prominent places for quick access in an emergency e.g. close to the telephone. It is also advisable to record alternatives to telephone contacts such as UHF stations for your neighbours in case of natural disasters. Use the template provided for your emergency numbers that can be kept near the phone.</p>
	<p>Owners, managers, and staff should undertake proactive planning to improve on-farm preparedness for emergency and unexpected events.</p> <p>Contingency planning is a worthwhile use of time, and can aid to minimise impacts in the event of an emergency and reduce the time to recovery after the event.</p> <p>We recommend within your biosecurity plan (within either section 6, or in the Appendix for action plans), you include some one page removable lists for action or activity in certain events or situations. These will help you be prepared or respond to events that are out of the ordinary.</p> <p>These one page documents, may also be useful to provide instructions to other staff, visitors or contractors that are not familiar with your farm practices. Having several copies of these documents available ahead of time, may assist with swift response actions in a time of crisis or emergency.</p> <p>It may be useful to include photos of what to look out for, or a diagram to depict flow of responsibility of action on the back of the action plan.</p> <p>The following list is a guide to some of the action plans, you may want to develop for your enterprise.</p> <p>Action plan for the event of a suspicious or unusual animal disease Instructions for contactors and visitors to the farm Action plan for responding to a weed outbreak Action plan for preparing for a natural disaster Recovery plan following a natural disaster Action plan for responding to a chemical or fuel spill Action plan in the event of an emergency, accident, or human illness</p> <p>Some examples of action plans or checklists for preparing an emergency, are provided in your resources and in your training manual.</p> <p>Once you have completed your plans, keep them in Appendix A. For plans that will be required often (such as contractor or visitor</p>
<i>Emergency Animal Disease Action Plan</i>	<p>This tool has been provided by AHA, and is a systematic action plan for suspicion of an emergency animal disease.</p>

Natural disaster biosecurity planning	This planning tool relates specifically to livestock in natural disasters. It is provided in the Priority Area 8 resources. http://dpiwve.tas.gov.au/invasive-species/weeds/weed-publications-and-resources/weed-information-for-visitors http://dpiwve.tas.gov.au/invasive-species/weeds/weed-publications-and-resources/weed-spread-after-fire
Emergency response checklist – general	Use this a general checklist to help develop an emergency response plan
Managing livestock in drought	http://futurebeef.com.au/topics/nutrition/managing-cattle-in-dry-conditions/ http://cdn.futurebeef.com.au/wp-content/uploads/Dry_season_mgt_of_a_beef_business_LowRes.pdf http://www.business.qld.gov.au/industry/agriculture/animal-management/disaster-recovery-for-livestock-farms/drought-affected-animals/welfare-drought-affected-livestock http://agriculture.vic.gov.au/agriculture/farm-management/drought/managing-resources-in-drought https://www.agric.wa.gov.au/drought/evolution-drought-policy-western-australia
Managing livestock in natural disasters	http://www.business.qld.gov.au/industry/agriculture/animal-management/land-management-for-livestock-farms/welfare-and-transport-of-livestock/animal-welfare/animal-welfare-disasters/disaster-animal-prepare http://www.dpi.nsw.gov.au/data/assets/pdf_file/0004/104278/risk-management-for-stock-owners-in-times-of-fire-and-flood.pdf http://agriculture.vic.gov.au/agriculture/emergencies/recovery/livestock-after-an-emergency http://agriculture.vic.gov.au/agriculture/emergencies/horses-and-livestock-in-emergencies
Monitoring for	
Managing your animal health and biosecurity risks on-farm	Use this form to pre-emptively identify your on-farm risk areas to biosecurity and measures that may be taken to mitigate these risks. Can be used in conjunction with the following checklist for yearly audits.
Farm Biosecurity Checklist	Can be used for your yearly farm biosecurity audit and corrective actions
Record Keeping	
Chemical and poisons inventory	If you are using an LPA farm records book, this relates to section 6.

Hazard substances register	<i>(similar to above – select which is most suitable for your enterprise)</i>
Ag-vet chemical use record	If you are using an LPA farm records book, this relates to section 3B (or 3A)
Pest animal baiting record	If you are using an LPA farm records book, this relates to section 3A.
Chemical and poison WHP and ESI	Can be found at http://apvma.gov.au/
General	<p>Allowing staff to access this biosecurity plan, will help them to understand key biosecurity areas they need to be familiar with. Additional training or instruction may be required for new staff, so they can familiarise themselves with topics such as animal husbandry and feeding practices, use of ag-vet chemicals, procedures to follow in the event of an emergency and everyday operating procedures.</p> <p>Refresher courses or requalification date records Most licenses and qualifications and some certifications need to be updated. Keep a system for identifying when refresher or requalification courses are needed.</p> <p>Recommendations for areas that require staff training include, but are not limited to: Recognition of sick livestock Chemical usage Familiarity with weeds or pests of concern General hygiene of personal gear and equipment, hygiene, and cleaning of farm equipment Awareness of the symptoms of zoonotic disease in humans (zoonotic diseases are those that can spread from animals to humans e.g. leptospirosis)</p> <p><i>Documentation of property records</i></p>
Staff training record	Three versions provided – find whichever suits your needs best. These can also be found at www.farmbiosecurity.com.au
Staff responsibility record	Links with Emergency Planning section in Priority Area 8.
Training requirements and requalification's list	Can be a useful list to document who needs training refreshers or has requalification requirements and the dates pertaining to these

Priority 7- Johne's Specific Management

<i>Document or Reference topic</i>	<i>Document or Reference topic</i>
New Johne's Approach	https://www.animalhealthaustralia.com.au/new-approach-jd-cattle/
Johne's Beef Assurance Score (JBAS)	https://www.animalhealthaustralia.com.au/jd-cattle-tools/
National Health Declaration	http://www.farmbiosecurity.com.au/toolkit/declarations-and-statements/
Johne's Definitions and Guidelines	https://www.animalhealthaustralia.com.au/wp-content/uploads/2016/07/JD-in-cattle-definitions-and-guidelines_final.pdf
Johne's Checklist	https://www.animalhealthaustralia.com.au/wp-content/uploads/2016/07/Biosecurity-Plan-Checklist-for-JD-in-cattle_final.pdf
National Farm Biosecurity Reference Manual – Grazing Livestock Production	http://farmbiosecurity.com.au/wp-content/uploads/2012/12/National-Farm-Biosecurity-Reference-Manual-Grazing-Livestock-Production.pdf