

Agriculture Trade Qualification Project

Livestock Production Specialisation

The following document explains the required units a student must complete in order to be awarded the Certificate III in Agricultural Production (Livestock Production). Noting this is based off the units and packaging rules in the draft qualification.

Units of competency listed below can be found in the qualification under Core and Elective Group C.

Typical Occupation Titles

Agriculturalist • Agricultural tradesperson • Agricultural technician • Agricultural specialist
• Agricultural contractor • Senior farm hand • Leading hand • Head stockperson

Occupational Profile

A person working in Livestock Production raises, cares for and monitors livestock on a day-to-day basis. They work closely with animals, monitor their health and condition and carry out the activities needed to support healthy, productive and well-managed herds or flocks. They communicate changes in animal health, behaviour and performance to help support day-to-day management decisions.

They spend much of their time handling and caring for livestock, noticing changes in animal behaviour, health and performance and helping make sure animals remain healthy, productive and well cared for. They assist with treatments, support animal welfare and understand how nutrition, health and management practices influence animal growth, reproduction and overall farm productivity.

They prepare animals for parturition, support breeding activities and help ensure animals are cared for appropriately during important stages of the production cycle. They understand the importance of good livestock husbandry and can recognise signs of illness, injury, stress or reduced performance before they become larger problems.

They help provide suitable feed and water, monitor feed availability and quality and understand how pastures, fodder crops, grazing systems and seasonal conditions influence animal condition and performance. They contribute to maintaining productive pastures and feed resources, helping ensure livestock have access to quality feed throughout the year.

They use farm technology, production records and livestock information to keep track of livestock activities, monitor performance and provide information that helps the farmer, supervisor or manager make day-to-day decisions. They communicate effectively with supervisors, contractors, veterinarians, livestock advisers and other service providers, work safely, operate in remote or isolated work areas, provide first aid when required and contribute to productive, profitable and sustainable livestock farming operations. They may also support routine work activities, coordinate day-to-day tasks and contribute to the efficient running of a modern livestock operation.

Capability Theme	What They Can Do	Units of Competency
Looking After Livestock • Monitor animal health • Administer treatments • Support animal welfare • Maintain livestock wellbeing	Keep an eye on animal health, notice problems early, assist with treatments and help keep livestock healthy, productive and well cared for.	AHCLSK344 Administer treatments to livestock AHCLSK368 Comply with industry animal welfare requirements
Supporting Breeding Activities • Prepare animals for parturition • Monitor animal condition • Support reproductive activities • Maintain livestock wellbeing	Prepare animals for birth, monitor their condition and help ensure animals are cared for appropriately during important stages of the breeding cycle.	AHCLSK342 Prepare animals for parturition
Feeding Livestock • Provide suitable feed • Monitor feed quality • Monitor feed availability • Support livestock performance	Help make sure animals receive suitable feed and water, recognise changes in feed quality and availability, and understand how nutrition affects animal growth, condition and performance.	AHCLSK353 Implement feeding plans for livestock AHPCPM305 Implement a plant nutrition program AHCMOM317 Operate tractors with attachments
Managing Pastures & Feed Resources • Maintain pastures • Maintain fodder crops • Improve feed availability • Support sustainable grazing	Maintain productive pastures and feed resources, recognise issues affecting feed production and help ensure livestock have access to quality grazing and fodder throughout the year.	AHCBAC318 Maintain pastures and crops for livestock production AHCPMG301 Control weeds AHCPMG302 Control plant pests, diseases and disorders AHCSOL3X01 Implement agricultural soil management processes
Monitoring Performance & Using Technology • Maintain records • Use farm technology • Monitor livestock activities • Keep track of livestock performance	Use livestock records, farm technology and production information to keep track of livestock activities, monitor performance, meet quality requirements and support day-to-day management decisions.	AHCAGB302 Keep production records for a primary production business AHCTEC3X01 Operate and monitor agricultural production data information technology AHCTEC3X02 Select and recommend agricultural production system technology AHCWRK318 Comply with industry quality assurance requirements
Working Safely in Livestock Operations • Work safely • Operate in remote or isolated work areas • Communicate with others • Support daily operations	Work safely, communicate with the team, operate in remote or isolated work areas, provide basic first aid and help keep livestock operations running efficiently every day.	AHCWHS302 Contribute to workplace health and safety processes AHCWRK320 Apply environmentally sustainable work practices AHCWRK323 Operate in isolated and remote situations BSBXCM301 Engage in workplace communications HLTAID011 Provide First Aid

Note: All units in **ORANGE** represent skills that are common across one or more industry sectors.

Capability themes are used to describe the major areas of work undertaken by agricultural tradespeople. They are provided to illustrate the occupational outcomes supported by the qualification and are not packaging groups or endorsed components of the qualification.

Feedback to consider

Are all the minimally required skills and knowledge listed below?

What is missing?

What is not needed?

Under each unit title in green is an explanation of what outcomes the worker will learn.

Livestock Production

<u>AHCBAC318</u>	Maintain pastures and crops for livestock production <i>Maintain pastures and crops to support livestock production, including monitoring growth, health and treatment needs</i>
<u>AHCLSK342</u>	Prepare animals for parturition <i>Prepare animals for birth by managing nutrition, care and environmental conditions during late pregnancy</i>
<u>AHCLSK344</u>	Administer treatments to livestock <i>Administer livestock health treatments and veterinary medicines to support animal health and wellbeing under supervision</i>
<u>AHCLSK353</u>	Implement feeding plans for livestock <i>Implement livestock feeding plans by monitoring animal condition, assessing pasture, and providing appropriate nutrition</i>
<u>AHCLSK368</u>	Comply with industry animal welfare requirements <i>Comply with animal welfare requirements to ensure livestock are handled and managed humanely</i>
<u>AHCWRK323</u>	Operate in isolated and remote situations <i>Operate safely in remote or isolated environments by planning, preparing and managing risks and emergencies</i>
<u>AHCAGB302</u>	Keep production records for a primary production business <i>Keep accurate farm records to support decision-making, track production activities and meet audit or compliance requirements</i>
<u>AHCMOM317</u>	Operate tractors with attachments <i>Safely operate and maintain tractors with attachments to carry out farm work</i>
<u>AHCPCM305</u>	Implement a plant nutrition program <i>Manage plant nutrition by assessing soil and plant needs, and applying fertilisers effectively to support healthy crop growth</i>
<u>AHCPMG301</u>	Control weeds <i>Plan and carry out weed control activities to manage infestations while minimising environmental impact</i>

<u>AHCPMG302</u>	Control plant pests, diseases and disorders <i>Identify and manage plant pests and diseases, and apply control methods to protect plant health and productivity</i>
AHCSOL3X01	Implement agricultural soil management processes <i>Implement and monitor soil management practices to maintain soil health and support productive, sustainable farming</i>
AHCTEC3X01	Operate and monitor agricultural production data information technology <i>Use digital systems to collect, monitor and analyse farm data, and use information to improve production decisions</i>
AHCTEC3X02	Select and recommend agricultural production system technology <i>Research, assess and recommend farm technologies (machinery, equipment or digital tools) to improve production outcomes</i>
<u>AHCWHS302</u>	Contribute to workplace health and safety processes <i>Work safely by following procedures, identifying hazards, and helping manage risks on farm</i>
<u>AHCWRK318</u>	Comply with industry quality assurance requirements <i>Follow farm quality and industry standards, keep records, and identify and fix issues that affect product quality</i>
<u>AHCWRK320</u>	Apply environmentally sustainable work practices <i>Use resources (like water, fuel and chemicals) efficiently on farm, reduce waste, and meet environmental and biosecurity requirements in day-to-day work</i>
<u>BSBXCM301</u>	Engage in workplace communications <i>Communicate effectively with supervisors, co-workers and contractors to coordinate work, share information and report issues.</i>
<u>HLTAID011</u>	Provide First Aid <i>Respond to emergencies by providing first aid, including CPR and basic treatment, until medical help arrives</i>

To provide feedback on the units (skills and knowledge) that make up the Livestock Production specialisation please go to the qualification document and leave a comment. You can also email your feedback to lucinda@skillsinsight.com.au.