

Agriculture Trade Qualification Project

Dairy Production Specialisation

The following document explains the required units a student must complete in order to be awarded the Certificate III in Agricultural Production (Dairy 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 B.

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 Dairy Production plays a key role in producing quality milk and supporting the day-to-day operation of a dairy farm. They work with livestock every day, carry out milking activities, monitor milk quality and help keep the dairy running smoothly from one milking to the next.

They spend time looking after the herd, keeping an eye on animal health, noticing problems early and helping make sure animals remain healthy, productive and well cared for. They communicate changes in animal health, production or behaviour so issues can be addressed quickly. They assist with treatments, support animal welfare and understand how herd health, nutrition and management practices influence milk production and overall farm performance.

They prepare for and assist with calving, care for newborn and young animals and help raise healthy replacement stock for the future herd. They recognise the importance of good animal husbandry and understand how animal condition, welfare and nutrition affect milk production and long-term herd performance.

They help provide suitable feed and water, monitor feed availability and quality and understand how soils, pasture, fodder and feeding programs contribute to milk production, animal wellbeing and herd performance. They also use herd records, dairy information and farm technology to monitor milk production, animal performance and daily activities, and provide information that helps the farmer, supervisor or manager make day-to-day decisions.

They communicate effectively with supervisors, contractors, veterinarians, nutritionists and other service providers, work safely, maintain production records and contribute to productive, profitable and sustainable dairy farming operations. They may also support routine work activities, coordinate day-to-day tasks and contribute to the efficient running of a modern dairy farm

Capability Theme	What They Can Do	Units of Competency
Producing Quality Milk • Milk livestock • Monitor milking activities • Maintain milk quality • Support dairy production	Carry out milking activities confidently, notice problems during milking, help maintain milk quality and support efficient dairy operations.	AHCDRY202 Milk Livestock AHCDRY303 Coordinate and monitor milking operations
Looking After the Herd • Monitor animal health • Administer treatments • Support animal welfare • Maintain herd wellbeing	Keep an eye on animal health, notice problems early, assist with treatments and help keep the herd healthy, productive and well cared for.	AHCLSK344 Administer treatments to livestock AHCLSK368 Comply with industry animal welfare requirements
Raising the Next Generation • Prepare for calving • Assist with calving • Rear young stock • Support herd replacement	Assist with calving, caring for newborn and young animals and help raise healthy replacement stock for the future herd.	AHCLSK330 Implement procedures for calving AHCLSK357 Rear newborn and young livestock
Feeding the Herd • Provide suitable feed • Monitor feed quality • Monitor feed availability • Support herd performance	Help make sure animals receive suitable feed and water, recognise changes in feed quality and availability, and understand how nutrition, soils, pasture condition and fodder production affect milk production and animal condition.	AHCLSK353 Implement feeding plans for livestock AHCPM305 Implement a plant nutrition program AHCPMG301 Control weeds AHCPMG302 Control plant pests, diseases and disorders AHC SOL3X01 Implement agricultural soil management processes AHCMOM317 Operate tractors with attachments
Monitoring Performance & Using Technology • Use dairy technology • Monitor performance • Maintain records • Use farm information	Use information from the dairy, herd records and farm technology to keep track of milk production, animal performance and day-to-day farm activities.	AHCTEC3X01 Operate and monitor agricultural production data information technology AHCTEC3X02 Select and recommend agricultural production system technology AHCAGB302 Keep production records for a primary production business AHCDRY303 Coordinate and monitor milking operations
Keeping the Dairy Running • Work safely • Communicate with others • Maintain quality standards • Support daily operations	Work safely, communicate with the team, follow workplace procedures and help keep the dairy running efficiently every day.	AHCWHS302 Contribute to workplace health and safety processes AHCWRK318 Comply with industry quality assurance requirements AHCWRK320 Apply environmentally sustainable work practices 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.

Dairy Production

<u>AHCDRY202</u>	Milk Livestock <i>Carry out milking operations by preparing equipment, handling livestock, and collecting milk safely and hygienically</i>
<u>AHCDRY303</u>	Coordinate and monitor milking operations <i>Coordinate and monitor milking operations to ensure efficient production, milk quality and livestock health</i>
<u>AHCLSK330</u>	Implement procedures for calving <i>Implement calving procedures by preparing, monitoring and supporting livestock during birth and aftercare</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>AHCLSK357</u>	Rear newborn and young livestock <i>Rear newborn and young livestock by feeding, caring for and monitoring their health and development</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>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 Dairy Production specialisation please go to the qualification document and leave a comment.

You can also email your feedback to lucinda@skillsinsight.com.au.



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