

Field Agriculture, Forestry and Fisheries**Review of *Agriculture* unit standards**

Subfield	Domain	ID
Agriculture	Dairy Farming	18199, 24549, 24550, 28937, 28940, 28941
	Farming Skills	575, 28920, 28922-28924
	General Agriculture	28921
	Livestock Husbandry	28971-28980
	On-farm Milk Quality	28938, 28939

The Primary ITO has completed the review of the unit standards listed above.

Date new versions published

February 2020

Planned review date

December 2024

Summary

These unit standards were reviewed alongside the review of the New Zealand Certificate in Agriculture (Livestock Husbandry) (Dairy, and Meat and Fibre) (Level 3) [Ref: 2214], New Zealand Certificate in Agriculture (Milk Harvesting) (Level 3) [Ref: 2216], and New Zealand Certificate in Agriculture (Pastoral Livestock Production) (Level 3) [Ref: 2217].

Consultation was carried out in June 2019 where providers with consent to assess had the opportunity to give feedback via an online survey. This feedback was addressed where appropriate.

Main changes

- 25 unit standards were reviewed and content checked for currency, and to reflect current industry requirements.
- Unit standards 18199, 24549, 24550, 28921, 28922, 28923, 28924, 28937, 28938, 28940, 28941, 28975, 28976, 28977 were reviewed and replaced by eight new unit standards.
- Eight new unit standards were developed relating to milking dairy livestock, operation of a farm dairy, dairy effluent systems, livestock health problems soil and pasture management, livestock feeding and water supply, and care of young livestock at Level 3.
- Titles and credits were reviewed and updated where appropriate.

Category C unit standards will expire at the end of December 2022

The last date for assessment of superseded versions of Category B unit standards is December 2022

Impact on existing organisations with consent to assess

Current consent for			Consent extended to		
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Domain	On-farm Milk Quality	3-5	Standard	32011	3
Standards	18199	3	Standard	32010	3
	28937				
Standards	24549	3	Standard	32011	3
	24550				
	28938				
Standards	28921	3	Standard	32090	3
Standards	28922	3	Standard	32089	3
Standards	28923	3	Standard	32092	3
	28924				
Standard	28976	3	Standard	32009	3
Standards	28979	3	Standard	32091	3

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Agriculture, Forestry and Fisheries > Agriculture > Dairy Farming

ID	Title	Level	Credit	Review Category
18199	Identify and treat milking problems in dairy livestock	3	10	C
28937	Milk dairy livestock	3	10	C
32010	Assist with milking, identify and report problems associated with milking dairy livestock	3	10	
28940	Demonstrate understanding of a dairy effluent management system	3	10	C
28941	Assist with the operation and maintenance of a dairy effluent management system	3	10	C
32008	Demonstrate knowledge of dairy effluent systems and assist with dairy effluent management	3	10	

Agriculture, Forestry and Fisheries > Agriculture

ID	Domain	Title	Level	Credit	Review Category
24549	Dairy Farming	Clean the milking plant, vats or silos, dairy and yards	3	9	C
24550	Dairy Farming	Apply knowledge of the operation of a farm dairy to milk harvesting	3	6	C
28938	On-farm Milk Quality	Assist with the maintenance of a milking plant and farm dairy equipment	3	5	C
32011	Dairy Farming	Assist with the operation of a farm dairy for milk harvesting	3	10	

Agriculture, Forestry and Fisheries > Agriculture > Farming Skills

ID	Title	Level	Credit	Review Category
575	Use and care for farm horses	3	7 10	B
28920	Demonstrate understanding of factors which contribute to pastoral livestock feed demand Demonstrate knowledge of factors which contribute to pastoral livestock feed demand	3	5	B
28922	Demonstrate understanding of pasture management in a pastoral livestock workplace	3	12	C
32089	Demonstrate knowledge of and assist with pasture management practices to maintain quality, growth and utilisation	3	10	
28923	Assist with feeding pastoral livestock to meet production targets	3	8	C
28924	Assist with supplying water to livestock in a pastoral livestock workplace	3	5	C
32092	Assist with feeding and supplying water to pastoral livestock to meet production targets	3	5	

Agriculture, Forestry and Fisheries > Agriculture > General Agriculture

ID	Title	Level	Credit	Review Category
28921	Demonstrate understanding of soil management to increase production in a primary industry workplace	3	12	C
32090	Demonstrate knowledge of soils and assist with soil management practices	3	10	

Agriculture, Forestry and Fisheries > Agriculture > Livestock Husbandry

ID	Title	Level	Credit	Review Category
28971	Demonstrate understanding of livestock reproductive processes and practices Describe livestock reproductive processes and practices	3	6 5	B
28972	Assist with livestock mating and mating management	3	10	B
28973	Assist with livestock parturition	3	10	B
28974	Demonstrate understanding of livestock selection for increased productivity Describe livestock selection for increased productivity	3	4	B
28975	Demonstrate understanding of livestock anatomy, physiology, behaviour and animal welfare obligations	3	6	C
28976	Recognise, and assist with treatment of, livestock health problems	3	10	C
28977	Assist with implementation of livestock preventative health programmes	3	10	C
32009	Assist with the prevention, diagnosis and treatment of livestock health problems	3	16	
28978	Demonstrate understanding of biosecurity relating to livestock Demonstrate knowledge of biosecurity relating to livestock	3	4	B

ID	Title	Level	Credit	Review Category
28979 32091	Assist with rearing of young dairy stock Assist with neonatal care and weaning of livestock in a dairy farming operation	3 3	10 5	C
28980	Assist with rearing of young stock from birth until first mating, sale or slaughter	3	10	B

Agriculture, Forestry and Fisheries > Agriculture > On-Farm Milk Quality

ID	Title	Level	Credit	Review Category
28939	Understand the risks to on-farm milk quality and assist with implementing solutions to milk quality problems Demonstrate knowledge of risks to on-farm milk quality and assist with implementing solutions to milk quality problems	3	10	B