

**Field      Agriculture, Forestry and Fisheries, Māori**

**Review of Agriculture, Animal Care and Handling, and Seafood Māori unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Agriculture	Aerial Agrichemical Application	21540, 21541, 21542
	Agribusiness Management	11853, 16653, 16655, 16661, 21385, 21386, 21387, 21392, 21394, 21395, 21396, 21397
	Dairy Farming	22016, 22017, 22018, 22020, 22021, 22022, 25696, 25697
	Deer Farming	1521, 1526, 1530, 1532, 8620, 8621, 8622, 8623, 8624, 8628, 15598, 19092, 19093, 19095, 24808, 24809, 24811, 24816, 24817, 24818, 24819, 24820, 25623
Animal Care and Handling	Animal Care	5153, 5154, 5171, 5172, 5173, 5174, 5175, 5176, 5188, 5195, 5196, 5197, 5222, 7400, 14377, 21355, 21357, 21358, 21360, 21379, 21383
	Animal Handling	5183, 5184
	Animal Husbandry	5162, 5163, 5164, 5165, 5168, 5186, 19540
	Laboratory Animal Care	7389
	Tuberculosis (TB) Testing of Domestic Cattle and Deer	25613, 25615, 25616, 25617, 25618, 25619, 25620, 25621, 25622, 25624
	Veterinary Nursing	5155, 5156, 5157, 5158, 5159, 5160, 5161, 5177, 5178, 5179, 5181, 5182, 5190, 5191, 5192, 5198, 5199, 5200, 5202, 5204, 5205, 5206, 5207, 5208, 5209, 5210, 5212, 5213, 5217, 5218, 5219, 5220, 5221, 21384
Seafood Māori	Kaupapa Mātaimai	20328, 20911, 20914, 20915, 23838, 25080, 26843, 26844
	Kaupapa Tangaroa	17476, 17478, 17479, 17483, 17484, 20329, 20912, 20913, 26845, 26846

The Primary Industry Training Organisation has completed the review of the unit standards listed above.

**Summary**

Unit standards were identified that had little or no usage over the last four years.

All consent to assess holders and providers who had reported completions were contacted in June and asked if they intended to use the unit standards, or if there was no intention to use them then their expiry was recommended. Providers responded with indications that they intended to use a small number of unit standards in future and that these should be retained.

The unit standards that will be retained will be reviewed and updated later in 2020 and the

remainder expired.

### Main changes

- Unit standards were expired due to little or no usage in the past and no anticipated usage in the future.

### Unit standards will expire at the end of December 2022

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

All changes are in **bold**.

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

#### Agriculture, Forestry and Fisheries > Agriculture > Aerial Agrichemical Application

ID	Title	Level	Credit	Review Category
21540	Prepare agrichemicals and equipment for aerial application, and manage a loading site	3	5	D
21541	Plan, prepare to apply, and apply agrichemicals by aircraft	4	20	D
21542	Describe the configuration of aerial agrichemical application equipment	4	5	D

#### Agriculture, Forestry and Fisheries > Agriculture > Agribusiness Management

ID	Title	Level	Credit	Review Category
11853	Prepare a case for obtaining finance to establish, extend, or diversify an agribusiness	5	15	D
16653	Demonstrate knowledge of taxation and implement taxation requirements for an agribusiness	5	8	D
16655	Manage agribusiness capital	5	6	D
16661	Identify, assess, and plan the management of risk for an agribusiness	5	6	D
21385	Demonstrate knowledge of land tenure, business and asset ownership, and succession planning for an agribusiness	5	5	D
21386	Demonstrate knowledge of the effects of market forces on an agri-industry	4	4	D
21387	Demonstrate knowledge of the physical resources in an agribusiness	5	10	D
21392	Evaluate performance and opportunities for an agribusiness, and present findings in a report	6	25	D
21394	Analyse performance, and determine investment opportunities for an agribusiness	5	10	D
21395	Describe employment requirements, and employment termination procedures for an agribusiness	4	4	D
21396	Plan for the recruitment, selection, and induction of staff in an agribusiness	5	8	D

ID	Title	Level	Credit	
21397	Plan work allocation and working relationships, assess performance and training in an agribusiness	5	10	D

Agriculture, Forestry and Fisheries > Agriculture > Dairy Farming

ID	Title	Level	Credit	Review Category
22016	Plan and prepare for herd testing, and collect equipment and milk samples following herd testing	3	10	D
22017	Set up equipment and carry out herd testing, and carry out procedures following herd testing	3	33	D
22018	Demonstrate knowledge of herd testing and its benefits to the agriculture industry	3	3	D
22020	Carry out inspection and periodic calibration of milk meters	3	4	D
22021	Prepare milk samples from herd testing, and prepare trays for storing milk samples	2	2	D
22022	Develop, implement and monitor a seasonal plan for herd testing	4	4	D
25696	Demonstrate knowledge of nozzles used in herd testing	2	2	D
25697	Demonstrate knowledge of rubberware, and milk meters used in herd testing equipment	2	4	D

Agriculture, Forestry and Fisheries > Agriculture > Deer Farming

ID	Title	Level	Credit	Review Category
1521	Demonstrate knowledge of deer breeding methods and programmes	4	3	D
1526	Demonstrate knowledge of deer mating	3	4	D
1530	Demonstrate knowledge of deer mating management	4	4	D
1532	Demonstrate knowledge of deer reproduction, breeds, classes, identification, and recording	3	4	D
8620	Assist with preventative health programmes for deer under direct supervision	2	3	D
8621	Maintain the health of deer	5	6	D
8622	Describe, and assist with, fawning and weaning	3	5	D
8623	Plan and coordinate pasture management and the feeding of deer	4	7	D
8624	Carry out deer grazing management, and feed deer as directed	3	3	D
8628	Manage a deer herd before, during, and after fawning	5	10	D
15598	Demonstrate knowledge of velvet antler markets and production	4	6	D
19092	Move deer into and around yards, and load and unload, under direct supervision	2	4	D
19093	Demonstrate knowledge of deer welfare and stockmanship	2	5	D
19095	Demonstrate knowledge of the sale, purchase, and transportation of deer	3	2	D
24808	Demonstrate knowledge of deer genetics and mating	2	5	D
24809	Describe the contribution of genetics, traits, and productivity targets to deer breeding	3	5	D
24811	Carry out preventative health programmes for deer as directed	3	3	D
24816	Identify status, and maintain records, of deer, under direct supervision	2	4	D

ID	Title	Level	Credit	Review Category
24817	Handle, move, and treat deer as directed	3	6	D
24818	Handle, move, and treat deer	4	6	D
24819	Describe behaviour of, and assist to move and handle, stags in a mob	3	2	D
24820	Handle stags in a mob during mating	3	2	D
25623	Demonstrate understanding of the safe handling of deer in yards	2	5	D

Agriculture, Forestry and Fisheries > Animal Care and Handling > Animal Care

ID	Title	Level	Credit	Review Category
5153	Monitor health and provide husbandry for ruminants	2	5	D
5154	Monitor health and provide husbandry for pigs	2	4	D
5171	Collect, prepare, and examine blood samples from animals	5	6	D
5172	Collect and carry out routine examinations on faecal samples from animals	5	5	D
5173	Collect and carry out routine examinations on urine samples from animals	5	5	D
5174	Examine an animal for ectoparasites, collect and examine samples	5	4	D
5175	Collect microbiological samples from animals, and culture or plate out according to sample	5	20	D
5176	Collect and test diagnostic samples from companion animals, and prepare the samples for dispatch	3	4	D
5188	Induct new staff into the animal facility	6	8	D
5195	Demonstrate knowledge and skills for providing veterinary reception services	3	6	D
5196	Conduct preventative health clinics for companion animals	6	10	D
5197	Manage an animal nursing clinic and carry out client services	6	10	D
5200	Prepare for an intravenous drip, and monitor an animal while on fluid therapy	4	4	D
5222	Recognise and interpret problems of behaviour in companion animals	5	5	D
7400	Respond to and manage routine problems of canine behaviour	5	4	D
14377	Recognise normal and abnormal behaviour and conditions in animals	4	5	D
21355	Collect and test diagnostic samples from large animals, and prepare the samples for dispatch	3	5	D
21357	Describe exotic diseases in farm animals, and measures and responsibilities for disease control	2	4	D
21358	Demonstrate and apply knowledge of parasites affecting horses and production animals	4	8	D
21360	Monitor health and provide husbandry for poultry	2	4	D
21379	Demonstrate knowledge of requirements relating to transport of cats and dogs	2	2	D
21383	Monitor health and provide husbandry for reptiles and amphibians	2	2	D

Agriculture, Forestry and Fisheries > Animal Care and Handling > Animal Handling

ID	Title	Level	Credit	Review Category
5183	Handle and transport injured companion animals	3	2	D
5184	Handle and transport injured large animals	3	2	D

Agriculture, Forestry and Fisheries > Animal Care and Handling > Animal Husbandry

ID	Title	Level	Credit	Review Category
5162	Manage a breeding programme for companion animals	4	4	D
5163	Demonstrate knowledge of, and respond to client requests for advice on, companion animal breeding	4	6	D
5164	Demonstrate knowledge of, and respond to client requests for advice on, farm animal breeding	4	6	D
5165	Describe parturition and after care of companion animals	3	3	D
5168	Provide specialist care for paediatric companion animal patients and the mother	4	3	D
5186	Supervise monogastric animal feeding, and respond to client requests for advice	5	8	D
19540	Demonstrate knowledge of basic animal husbandry	3	5	D
5162	Manage a breeding programme for companion animals	4	4	D
5163	Demonstrate knowledge of, and respond to client requests for advice on, companion animal breeding	4	6	D
5164	Demonstrate knowledge of, and respond to client requests for advice on, farm animal breeding	4	6	D
5165	Describe parturition and after care of companion animals	3	3	D
5168	Provide specialist care for paediatric companion animal patients and the mother	4	3	D
5186	Supervise monogastric animal feeding, and respond to client requests for advice	5	8	D
19540	Demonstrate knowledge of basic animal husbandry	3	5	D

Agriculture, Forestry and Fisheries > Animal Care and Handling > Laboratory Animal Care

ID	Title	Level	Credit	Review Category
7389	Demonstrate knowledge of laboratory animal ethics and legislation	2	2	D

Agriculture, Forestry and Fisheries > Animal Care and Handling > Tuberculosis (TB) Testing of Domestic Cattle and Deer

ID	Title	Level	Credit	Review Category
25613	Carry out and read caudal fold intradermal tuberculosis (TB) tests for cattle	4	10	D
25615	Prepare test sites and equipment, and carry out and read, comparative cervical tests (CCTs) for deer	4	8	D
25616	Prepare test sites and equipment, and carry out and read, mid cervical tests (MCTs) for deer	4	7	D
25617	Bleed cattle for tuberculosis (TB) testing, complete documentation, and submit samples to the testing laboratory	4	10	D
25618	Bleed deer for tuberculosis (TB) testing, complete documentation, and submit samples to the testing laboratory	4	4	D

ID	Title	Level	Credit	Review Category
25619	Prepare self and equipment, and assess facilities and cattle, for tuberculosis (TB) testing	3	3	D
25620	Prepare self and equipment, and assess facilities and deer, for tuberculosis (TB) testing	3	3	D
25621	Demonstrate understanding of the National Bovine Tuberculosis Pest Management Strategy and NAIT	3	5	D
25622	Demonstrate understanding of, and prepare, TBfree Reactor Valuation Contracts (RVC) for cattle and deer	4	5	D
25624	Describe tuberculosis (TB) infection, transmission, and control, and classification of cattle and deer for TB testing	3	8	D

Agriculture, Forestry and Fisheries > Animal Care and Handling > Veterinary Nursing

ID	Title	Level	Credit	Review Category
5155	Prepare animal patients for surgery	4	5	D
5156	Assist with animal surgery as a circulating veterinary nurse	5	8	D
5157	Assist with animal surgery as a surgical veterinary nurse	5	5	D
5158	Assist the veterinarian with animal anaesthetic and analgesic procedures	5	18	D
5159	Provide intensive post-operative care for an animal	5	5	D
5160	Nurse a hospitalised animal patient	3	5	D
5161	Manage a hospitalised animal patient	5	5	D
5177	Take radiographs of animals, and process	5	15	D
5178	Assist to take radiographs of animals, and process	3	4	D
5179	Conduct preliminary clinical examination of an animal	4	3	D
5181	Provide emergency first aid care to companion animals	5	8	D
5182	Provide emergency first aid care to large animals	4	12	D
5190	Provide emergency first aid for companion animals in the absence of the veterinarian	6	10	D
5191	Admit and discharge animal patients	3	4	D
5192	Dispense animal drugs as directed by the veterinarian	3	3	D
5198	Assist in the collection and storage of blood and administration of a blood transfusion to an animal	3	3	D
5199	Set up an intravenous drip, and manage an animal while on fluid therapy	5	5	D
5202	Assist the veterinarian to perform post-mortem procedures	3	3	D
5204	Assist the veterinarian with consultations and surgery involving farm animals	3	15	D
5205	Nurse hospitalised caged birds	3	4	D
5206	Nurse geriatric animals	5	4	D
5207	Nurse animal patients with specific medical conditions	5	8	D
5208	Nurse companion animal patients with an infectious disease	5	6	D
5209	Nurse an intensive care animal patient	5	6	D
5210	Nurse an animal patient undergoing chemotherapy treatment	3	3	D
5212	Nurse an orthopaedic animal patient	4	5	D
5213	Assist with artificial breeding of dogs	2	2	D
5217	Assist the veterinarian with ultrasound imaging of an animal	3	3	D

ID	Title	Level	Credit	Review Category
5218	Produce an electrocardiogram (ECG) from an animal	5	4	D
5219	Perform manual, ultrasonic, and rotodontic dental scaling on small animals	5	5	D
5220	Set up and maintain an electrocautery unit, and assist with electrocauterisation of animals	3	2	D
5221	Set up and maintain an endoscope, and assist with endoscopy of animals	3	2	D
21384	Demonstrate and apply knowledge of professional behaviour for veterinary nurses	3	3	D

Māori > Seafood Māori > Kaupapa Mātaihai

ID	Title	Level	Credit	Category
20328	Explain customary fishing rights and the impact of legislation	4	5	D
20911	Explain the authorisation procedures associated with the harvest of a customary catch	4	15	D
20914	Describe the rights and responsibilities of personnel associated with a customary catch	3	5	D
20915	Explain and develop policies for the harvest and use of a customary catch for Māori organisations	4	10	D
23838	Explain and carry out the mandatory functions of a Tangata Kaitiaki/Tiaki	4	15	D
25080	Explain the legislative responsibilities and processes of the notifying authority for customary fisheries management	4	5	D
26843	Compare Iwi Fisheries Asset Management plans, and develop and present an Iwi Fisheries Asset Management plan	5	15	D
26844	Locate and summarise, critique, and evaluate fisheries research relevant to an Iwi fisheries asset management context	5	15	D
17476	Find and catch fish using Māori customary methods	3	6	D
17478	Construct and repair hīnaki	3	3	D
17479	Maintain and repair Māori customary nets using Māori customary methods	3	4	D
17483	Make and use fish hooks and lures using Māori customary methods	3	3	D
17484	Describe Māori customary preparation and navigation of a fishing vessel	4	6	D
20329	Explain and apply customary management tools and practices used for sustainable fishing	4	10	D
20912	Harvest a customary catch and describe post-harvest requirements according to tikanga and legislation	3	10	D
20913	Harvest a customary catch and explain post-harvest requirements as a commercial operator	3	15	D
20914	Describe the rights and responsibilities of personnel associated with a customary catch	3	4	D
26845	Demonstrate knowledge of optimising Iwi Fisheries Assets	5	20	D
26846	Compare, contrast and evaluate the application of tikanga Māori in Iwi Fisheries Asset Management	5	30	D

Māori > Seafood Māori > Kaupapa Tangaroa

ID	Title	Level	Credit	Category
17476	Find and catch fish using Māori customary methods	3	6	D
17478	Construct and repair hīnaki	3	3	D
17479	Maintain and repair Māori customary nets using Māori customary methods	3	4	D
17483	Make and use fish hooks and lures using Māori customary methods	3	3	D
20912	Harvest and customary catch and describe post-harvest requirements according to tikanga and legislation	3	10	D
20913	Harvest a customary catch and explain post-harvest requirements as a commercial operator	3	15	D
17484	Describe Māori customary preparation and navigation of a fishing vessel	4	6	D
20329	Explain and apply customary management tools and practices used for sustainable fishing	4	10	D
26845	Demonstrate knowledge of optimising Iwi Fisheries Assets	5	20	D
25846	Compare, contrast and evaluate the application of tikanga Māori in Iwi Fisheries Asset Management	5	30	D