

Field Agriculture, Forestry and Fisheries**Review of *Horticulture* and *Pork Production* unit standards**

Subfield	Domain	ID
Horticulture	Production Horticulture	23705
Pork Production	Pig Health and Nutrition	22094
	Pig Husbandry	22088, 26158, 26159
	Pork Production Unit Management	4475, 22061, 22062, 22064, 22066, 22069-22071, 26160

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

Date new versions published February 2019

Planned review date December 2023

Summary

Primary ITO has reviewed these units and established that the competencies described therein are industry requirements for level 4 learners.

The mechanism for consultation was through an education working group established by NZPork. This group comprised farmers, educational specialists, veterinarians, a NZPork board member and a Primary ITO Education Designer. Consultation was conducted by the ITO and working group members via face to face meetings, electronic feedback and through members accessing their network of stakeholders. Feedback was evaluated by a subject matter expert (Massey University Lecturer in Pig husbandry) and the Primary ITO. All major changes were submitted to, and approved by, the working group.

Main changes

- Unit standard 23705 was reclassified from domain *Production Horticulture* to *Primary Sector Resources Management*.
- The credits of three unit standards were decreased and one unit standard increased to match the time taken to learn, practice and be assessed against the outcomes.
- Five new unit standards were developed to meet the qualification graduate outcomes.
- Three unit standards were replaced as significant changes were required that necessitated a new unit standard with a new ID.
Seven standards were designated expiring without replacement as they were no longer required.

Category C and D 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The last date for assessment of superseded versions of Category B unit standards is December 2020

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
Subfield	Horticulture	4-8	Standard	23705	4
Domain	Production Horticulture	4-5	Standard	23705	4

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 > Horticulture > Production Horticulture

Agriculture, Forestry and Fisheries > Primary Sector > **Primary Sector Resources Management**

ID	Title	Level	Credit	
23705	Demonstrate knowledge of human resource management in a horticulture operation	4	12	B
	Describe human resource management in a primary industry operation		10	

Agriculture, Forestry and Fisheries > Pork Production > Pig Health and Nutrition

ID	Title	Level	Credit	Review Category
22094	Demonstrate knowledge of pig diseases and disorders, and plan a pork section preventative health programme	4	4	C
31682	Describe factors affecting pig herd health and procedures following a disease outbreak	4	3	
31683	Describe pig diseases and disorders, their effects on productivity and performance and preventative health	4	5	

Agriculture, Forestry and Fisheries > Pork Production > Pig Husbandry

ID	Title	Level	Credit	Review Category
22088	Demonstrate knowledge of pig nutrition	4	7	B
	Demonstrate knowledge of pig nutrition on a pig farm		5	
26158	Demonstrate knowledge of pig genetics, breeding, and improvement	4	5	D
26159	Demonstrate knowledge of pig breeding programmes	4	2	D
31684	Describe sow husbandry management practices and artificial insemination on a pig farm	4	5	New

Agriculture, Forestry and Fisheries > Pork Production Unit Management

ID	Title	Level	Credit	Review Category
4475	Manage the care of the grower pig herd	4	15	D
22061	Manage the care of newly weaned pigs	4	15	D
22062	Select market pigs for sale, and manage their transport	4	3	D
22064	Select pig breeding stock, and prepare for sale	4	6	D
22066	Plan, implement, and evaluate work routines for a pork production section	4	3	B
	Establish, implement, and evaluate work routines for a pork production section		5	

ID	Title	Level	Credit	Review Category
22069	Demonstrate knowledge of mating and dry sow husbandry management practices, and artificial insemination	4	7	D
22070	Manage the care of the pig breeding herd from post weaning to farrowing	4	25	C
31685	Implement and monitor pig breeding, feeding and health programmes in a pork production operation	4	14	
22071	Manage the care of the sow and litter from farrowing to weaning	4	20	C
31686	Implement and monitor a programme for the care of sows and litters on a pig farm	4	14	
26160	Prepare, monitor, and implement changes to a pork production section biosecurity plan Implement and monitor a biosecurity plan on a pig farm	4	2	B
31687	Demonstrate knowledge of pig farm carrying capacity, productivity and profitability on a pig farm	4	5	New
31688	Implement and monitor programmes for the care of the weaner and grower pig herd	4	7	New
31689	Implement, monitor, report on and amend a pig farm production plan to optimise production	4	5	New
31690	Select breeding stock and market pigs, and prepare and load market pigs for sale	4	2	New