

Field Agriculture, Forestry and Fisheries**Review and revision of *Agriculture, Horticulture* and *Primary Sector* unit standards**

Subfield	Domain	ID
Agriculture	Arable Farming	24615
	Fencing	572
	General Agriculture	19139
Horticulture	Production Horticulture	10952, 21212, 22189 , 23355, 23356, 23359, 29493, 29494, 29496-29500, 29502, 29504-29513
Primary Sector	Plant Pest, Weed, and Disease Control	27207 , 29495

The Primary ITO has completed the review and revision of the unit standards listed above. The revised standards are in **bold**.

Date new versions published

25 November 2021

Planned review date

31 December 2026

Planned review date for revised standard 572 (no change)

31 December 2025

Summary

The Primary ITO reviewed 25 *Agriculture, Horticulture* and *Primary Sector* unit standards to better reflect the requirements of the updated qualification graduate outcomes.

Level 1 and 2 Production Horticulture unit standards were reviewed according to their planned review date. Unit standard 572 was reviewed in April 2021, while unit standards 22189 and 27207 were reviewed in May 2021, however errors were noted on publication and were revised. Further amendments suggested by industry to selected unit standards were made to ensure they are fit for purpose.

Consultation was carried out in June 2021 where consent to assess holders and stakeholders had the opportunity to give comment on the email sent asking for feedback to amendments. This feedback was addressed where appropriate.

Main changes

Reviewed unit standards

- Titles were amended for some reviewed unit standards to better align with the content.
- Unit standard 19139 increased from 1 to 2 credits to reflect the time required to gather evidence to meet the performance criteria.
- Guidance information was amended for unit standards to reflect changes to format requirements.
- Some performance criteria and range statements were amended to ensure unit standards remained fit for purpose.

Revised unit standards

- Three unit standards were revised to correct errors noted on publication.
- In unit standard 572 reference to insulating materials in PC1.1 was removed because covered in PC1.2.
- In unit standard 22189 PC4.3 was removed due to the reference of only a portable system.
- In unit standard 27207 an additional performance criterion was included that covers factors which encourage disease prevalence.

The last date for assessment of superseded versions of Category B unit standards is
31 December 2023

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

All changes are in **bold**.

Reviewed unit standards

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 > Arable Farming

ID	Title	Level	Credit	Review Category
24615	Check and report on crop health and stages of development under close supervision Check and report on crop health and stages of development	2	5	B

Agriculture, Forestry and Fisheries > Agriculture > General Agriculture

ID	Title	Level	Credit	Review Category
19139	Gather and record information from a rain gauge, thermometer, and barometer; or weather station	1	1 2	B

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

ID	Title	Level	Credit	Review Category
10952	Lift, prepare, pack, transport, and store bare root tree stocks under close supervision Lift, prepare, pack, transport, and store bare root tree stocks	2	5	B
21212	Harvest a horticulture crop by hand under close supervision Harvest a horticulture crop by hand	2	5	B
23355	Grade horticultural produce to pre-determined criteria	3	10	B
23356	Prepare packaging for horticultural produce under close supervision Prepare packaging for horticultural produce	2	5	B
23359	Maintain hygiene to ensure food safety in a horticulture workplace	2	5	B
29493	Carry out basic canopy maintenance of trees or vines under close supervision Carry out basic canopy maintenance of trees or vines	2	5	B
29494	Clean down post-harvest equipment ready for changeovers under close supervision Clean down post-harvest equipment ready for changeovers	2	5	B

ID	Title	Level	Credit	Review Category
29496	Field graft vines under close supervision Field graft vines	2	5	B
29497	Hand prune fruit trees under close supervision Hand prune fruit trees	2	8	B
29498	Hand thin buds, flowers, or fruit under close supervision Hand thin buds, flowers, or fruit	2	3	B
29499	Identify a range of plants by botanical and common name, and their basic features	2	2	B
29500	Pack graded horticultural produce and close containers under close supervision Pack graded horticultural produce and report problems	2	5	B
29502	Plant out by hand under close supervision Plant out by hand	2	5	B
29504	Prick-out seedlings or rooted cuttings, transplant, and pot-on young plants into containers under close supervision Prick-out seedlings or rooted cuttings, transplant, and pot-on young plants into containers	2	4	B
29505	Propagate plant material by division under close supervision Propagate plant material by division	2	3	B
29506	Propagate plants by cuttings under close supervision Prepare and propagate plants by cuttings	2	5	B
29507	Pull out the crop and clean the greenhouse for crop change, and set up the new crop under close supervision Pull out the crop, clean the greenhouse for crop change, and set up the new crop	2	5	B
29508	Sow seeds and monitor germination and emergence under close supervision Sow seeds and monitor germination and emergence	2	5	B
29509	Stack and move produce manually in a coolstore or other storage facility under close supervision Stack and move produce manually in a coolstore or other storage facility	2	5	B
29510	Stack and strap packed horticultural produce under close supervision Stack and secure packed horticultural produce on pallets	2	5	B
29511	Train and prune brambles under close supervision Train and hand prune brambles	2	5	B
29512	Train and prune mature vines under close supervision Train and hand prune mature vines	2	8	B
29513	Train and prune young vines under close supervision Train and hand prune young vines	2	5	B

Agriculture, Forestry and Fisheries > Primary Sector > Plant Pest, Weed, and Disease Control

ID	Title	Level	Credit	Review Category
29495	Control weeds by physical means using appropriate equipment under close supervision Control weeds by physical means using appropriate equipment	2	2	B

Revised unit standards

Agriculture, Forestry and Fisheries > Agriculture > Fencing

ID	Title	Level	Credit
572	Describe electric fencing components and systems	3	5

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

22189	Describe irrigation filters, and repair and maintain an irrigation system used in horticulture	3	5
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Agriculture, Forestry and Fisheries > Primary Sector > Plant Pest, Weed, and Disease Control

ID	Title	Level	Credit
27207	Describe and carry out monitoring of plant pests and diseases	3	5