

Title	Demonstrate knowledge of pig anatomy, physiology and reproductive processes		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of the anatomy of pigs, and the components and functions of pig body systems. They are also able to describe the reproductive anatomy of pigs, and the reproductive process of pigs.
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Classification	Pork Production > Pig Husbandry
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Available grade	Achieved
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Guidance Information

None.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the anatomy of pigs.

Performance criteria

- 1.1 Identify and describe the structural body parts of the pig in terms of their function.

Range must include – skeleton, muscles, tendons, skin.

- 1.2 Identify the major internal organs and systems of the pig.

Range must include – heart, lungs, digestive tract, brain, liver, kidneys.

Outcome 2

Demonstrate knowledge of the components and functions of pig body systems.

Range must include – circulatory, respiratory, digestive, and immune systems.

Performance criteria

- 2.1 Identify and describe the components of pig body systems.

2.2 Describe the functions of pig body systems.

Outcome 3

Describe the reproductive anatomy of pigs.

Performance criteria

- 3.1 Describe male and female reproductive organs in terms of their structure and function.

Outcome 4

Describe the reproductive process of pigs.

Performance criteria

- 4.1 Describe pig reproductive stages and the oestrus cycle.

Range puberty, oestrus, ovulation, fertilisation, conception, pregnancy, parturition, lactation.

- 4.2 Describe the sites of hormone production and the effects of hormones.

Range three of – oestrogen, progesterone, luteinising hormone, follicle stimulating hormone, testosterone, prostaglandin, and oxytocin.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 May 1995	31 December 2020
Review	2	25 July 2000	31 December 2020
Review	3	27 October 2005	31 December 2020
Review	4	19 March 2010	31 December 2020
Review	5	24 January 2019	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.