

<b>Title</b>	<b>Describe sow husbandry management practices and artificial insemination on a pig farm</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: husbandry management practices that contribute to optimal sow productivity; and artificial insemination on a pig farm.
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<b>Classification</b>	Pork Production> Pig Husbandry
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<b>Available grade</b>	Achieved
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### Guidance Information

None.

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### Outcomes and performance criteria

#### Outcome 1

Describe husbandry management practices that contribute to optimal sow productivity on a pig farm.

#### Performance criteria

- 1.1 Describe on farm husbandry management practices that contribute to a prompt return to oestrus in the sow following weaning.
- Range nutrition, sow condition, boar contact, oestrus detection, sow health, record keeping, post farrowing problems; evidence of five is required.
- 1.2 Describe on farm husbandry management practices which contribute to optimal conception rates.
- Range natural and supervised mating, artificial insemination, fertility, animal health, feeding, stock condition, minimal stress; evidence of five is required.

- 1.3 Describe on farm husbandry management practices after mating which support healthy pregnancy and successful farrowing.
- Range embryonic and foetal mortality nutrition, sow condition, condition scoring, sow health, housing, environment, husbandry, handling, and minimal stress; evidence of five is required.
- 1.4 Describe reproductive factors relating to the sow and litter in terms of their effect on the reproductive performance of the herd.
- Range farrowing rate, litter size at birth, birthweight, colostrum at birth, pre-weaning mortality, milk quality and quantity at lactation, weaning to oestrus interval, postpartum problems; evidence of five is required.
- 1.5 Describe on farm husbandry management practices at mating which maximise boar performance.
- Range nutrition, health, handling, timing, usage; evidence of three is required.

## Outcome 2

Describe artificial insemination on a pig farm.

### Performance criteria

- 2.1 Describe artificial insemination in terms of the advantages of, and reasons for, carrying it out.
- Range genetic progress, number of boars, herd health status, economics; evidence of three is required.
- 2.2 Describe artificial insemination in terms of the procedures.
- Range semen handling, storage and preparation, hygiene requirements, insemination equipment, insemination timing and procedures; evidence of five is required.

<b>Planned review date</b>	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	28 February 2019	N/A

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

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**Comments on this unit standard**

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