

Title	Implement and monitor a programme for the care of sows and litters on a pig farm		
Level	4	Credits	14

Purpose	<p>People credited with this unit standard are able to implement and monitor: a programme for managing sows and gilts pre-farrowing; a programme for managing sows and gilts during farrowing; a programme for managing sows and litters post-farrowing; a feeding programme for lactating sows and litters in a pig herd: and health programmes for lactating sows and litters in a pig herd.</p> <p>They are also able to: monitor litter health and survival, analyse lactating sow performance, and take remedial action; implement piglet weaning procedures in a pig herd; and monitor temperature and ventilation in sow and litter housing in a pig herd.</p>
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Classification	Pork Production> Pork Production Unit Management
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Available grade	Achieved
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Guidance Information

- All evidence presented in this unit standard must be in accordance with:
 - Veterinary guidelines;
 - Workplace procedures;
 - Agricultural Compounds and Veterinary Medicines Act 1997;
 - Code of Welfare: Pigs 2018;
 - Animal Welfare (Care and Procedures) Regulations 2018;
 - Biosecurity Act 1993;
 - Health and Safety at Work Act 2015;
 and any subsequent amendments.
- Definitions

Programme - the husbandry and management procedures required for feeding, maintaining health, housing and welfare. For example, standard operating procedures.

Veterinary guidelines – advice received directly from veterinarians, or literature recommended by veterinarians.

Workplace procedures refer to the policies and procedures set by the employer or organisation on workplace safety, and conduct.

Outcomes and performance criteria

Outcome 1

Implement and monitor a programme for managing sows and gilts pre-farrowing in a pig herd.

Performance criteria

- 1.1 Implement and monitor farrowing facility cleaning and sanitising.
- 1.2 Check equipment and fittings and take remedial action if required.
- 1.3 Identify sows and gilts due to farrow and move to the farrowing facility.
- 1.4 Monitor sows and gilts due to farrow for signs of imminent farrowing.

Range evidence of two physical signs, and two behavioural signs is required.

Outcome 2

Implement and monitor a programme for managing sows and gilts during farrowing in a pig herd.

Performance criteria

- 2.1 Monitor sows and gilts during farrowing, identify sows and gilts showing signs of farrowing difficulty, and take remedial action, if required.
- 2.2 Monitor the interval between births and take remedial action, if required.
- 2.3 Implement health procedures when a sow is assisted to farrow.
- 2.4 Implement husbandry techniques aimed at maximising piglet survival and welfare.
- 2.5 Maintain records of farrowing information.

Outcome 3

Implement and monitor a programme for managing sows and litters post-farrowing in a pig herd.

Performance criteria

- 3.1 Monitor sow milk supply and udder health to ensure piglet growth, weight, and survival targets are achieved.
- 3.2 Implement piglet fostering according to the programme.

- 3.3 Implement routine piglet husbandry practices according to the programme.
- Range teeth clipping, tail docking, navel cord clipping iron, injection, ear tagging;
 evidence of one is required.
- 3.4 Ensure hygiene standards are maintained and consistent with achieving piglet growth, weight, and survival targets.

Outcome 4

Implement and monitor a feeding programme for lactating sows and litters in a pig herd.

Performance criteria

- 4.1 Implement a feeding programme which matches feed levels and diet specifications to sow body condition.
- 4.2 Monitor lactating sow and litter feeding and drinking behaviour, identify problems, and undertake remedial action.
- 4.3 Monitor the body condition of lactating sows, identify those with body condition scores outside target levels, and undertake remedial action.
- 4.4 Monitor feeding and watering systems, identify problems, and adjust to meet lactating sow requirements.
- 4.5 Implement a creep feeding programme for litters according to the programme.

Outcome 5

Implement and manage health programmes for lactating sows and litters in a pig herd.

Performance criteria

- 5.1 Implement preventative health procedures for lactating sows and litters according to the programme.
- Range vaccination, parasite control, medication, vermin control, hygiene, biosecurity;
 evidence of five is required.
- 5.2 Manage health problems in lactating sows and litter according to the programme.
- 5.3 Treat lactating sows and litters using medication appropriate to the diagnosis.
- 5.4 Implement contingency plans in the event of health breakdown or disease outbreak.
- 5.5 Maintain health records.

Outcome 6

Monitor litter health and survival, analyse lactating sow performance, and take remedial action.

Performance criteria

- 6.1 Monitor piglet health and survival rates and take remedial action for identified problems.
- 6.2 Analyse lactating sow performance records to identify performance problems and adverse production trends, and take remedial action.

Outcome 7

Implement piglet weaning procedures in a pig herd.

Performance criteria

- 7.1 Prepare weaner accommodation for new batches of weaners.
- 7.2 Wean piglets at a specified target weight and age.
- 7.3 Pen newly weaned piglets.
- 7.4 Manage newly weaned piglets to reduce effects of weaning stress.
- 7.5 Maintain records of piglets and weaning.

Outcome 8

Monitor temperature and ventilation in sow and litter housing in a pig herd.

Performance criteria

- 8.1 Monitor temperature and ventilation of the area in which the sow and litter are housed.
- 8.2 Observe sow and litter behaviour and physical condition and correlate with temperature and ventilation of housing.
- 8.3 Identify temperature and ventilation problems in housing, and take remedial action promptly.

Replacement information	This unit standard replaced unit standard 22071.
Planned review date	31 December 2023

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 February 2019	N/A

Consent and Moderation Requirements (CMR) reference

0052

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.