

1XXXXX**Feed pigs and operate feeding systems**

Kaupae Level	3
Whiwhinga Credit	15
Whāinga Purpose	<p>People credited with this skill standard are able to prepare and deliver feed to pigs at different production stages. They will follow feed schedules according to feed and production requirements, monitor pigs at feeding times, and apply workplace procedures to adjust feed as required. People will operate and maintain feeding systems and recognise faults or issues.</p> <p>This skill standard has been developed to align with the New Zealand Certificate in Pork Production (Stockperson) with an optional strand in Farrowing Care (Level 3) [Ref: 2525]</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Describe feed requirements for pigs at different stages of production	a. Describe the feed requirements of pigs at different production stages and relate these to feeding strategies.
	b. Identify major feed ingredients and by-products used in pig diets and explain their nutritional roles.
	c. Explain the role and purpose of feed additives in pig diets.
	d. Illustrate, verbally or practically, feeding systems, feeding methods and feeding levels for pigs
	e. Identify issues with feed quality or presentation and explain actions to take.
2. Describe and/or demonstrate pig feed in accordance with feed schedules and procedures	a. Describe feed batches using workplace methods including weighing, mixing, milling, and recording.
	b. Deliver feed to the correct pigs at the scheduled times, following workplace safety requirements.
	c. Illustrate, verbally or practically, how to check and report feed ingredient supplies quality and inventory

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	d. Illustrate, through explanation or action, how to resolve contamination or medication residue problems and correct use of in feed medications
3. Operate and monitor feeding systems under supervision.	a. Check and calibrate equipment to ensure correct feed dispensing.
	b. Monitor pig behaviour during feeding times.
	c. Monitor residual feed, trough conditions, and water supply including flow rate, access and water quality.
4. Carry out equipment maintenance and feed quality checks and report issues.	a. Carry out basic maintenance checks on a feeding system.
	b. Carry out basic maintenance tasks including cleaning blockages, checking moving parts, and identifying wear or faults.
	c. Apply procedures to prevent cross-contamination and manage feed withholding periods, including silo management and flushing.
	d. Follow workplace health and safety practices when working with feed systems, including PPE and hazard awareness.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

Assessment samples must provide naturally occurring evidence from real, simulated, or scenario-based activities in a farm context.

All evidence presented in this skill standard must be in accordance veterinary guidelines and worksite procedures.

All activities and evidence must meet the requirements of worksite procedures, accepted industry practice, legislation and any subsequent amendments.

All activities relevant to this standard should reflect ngā kaupapa (the principles) o te Tiriti o Waitangi.

All activities must, as relevant to candidates and/or this standard, reflect the peoples of the Pacific and other cultures, and their world views.

Range

Written ration calculations, with ingredient list, nutrient values, and cost per unit.

Observation of feed batch preparation: weighing, mixing, testing, and recordkeeping.

Demonstration of operating one feeding system, with calibration, feeding, and a basic maintenance task documented.

Definitions

Worksite procedures refer to the policies and procedures set out in a verbal or written form by the employer or organisation.

Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider industries as examples of best practice.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Pig Feed Composition

- Feed needs for piglets, weaners, growers, finishers, dry and lactating sows.
- Feed strategies (controlled vs ad libitum), especially around pre-farrowing and farrowing.
- Wet, dry, restricted, ad libitum, automatic, manual, daily intake at different stages
- Roles of energy (ME), crude protein (%CP), amino acids, vitamins, and minerals.
- Feed ingredients: barley, maize, soya bean meal, meat and bone meal, milk powders, byproducts (bread, dairy, bakery waste)
- Additives: probiotics, prebiotics, micro toxins, medications, enzymes, antibiotics.
- Substitution concepts (e.g. when synthetics are unavailable).
- Recognising signs of poor-quality feed: mould, odour, pests, discolouration.

Feed Preparation

- Feed types: complete pellet, home-mixed, wet/dry systems.
- Processes: milling, mixing, weighing, ingredient sequencing.
- Interpreting and following feed schedules.
- Recording batch details, calculating nutrient values and cost per unit.
- Safe handling of feed ingredients and hygiene practices in the preparation area.
- Reporting of ingredient shortages or spoilage.

Feed Delivery and Pig Monitoring

- Delivery methods: manual and automated systems.
- Feeding schedule adherence and delivery to correct stock class.
- Behavioural monitoring during feeding: refusal, stress, aggression, fair share of food.
- Water access: flow checks, drinker hygiene and functionality.
- Monitoring feed residues and condition of troughs.
- Risks of cross-contamination: medicated feeds, creep feed to sows, incorrect flushing.
- Procedures for withholding periods and feed system rundown management.

Feeding System Operation and Maintenance

- System calibration and programming (if applicable).
- Safe operation of feeders, augers, silos, and related machinery.
- Basic maintenance: Lubricate greasing points, check belts, valves, computer system, unblocking, sensor resets.
- Fault recognition: Blockages, overflowing, burst pipes, jammed auger, bridging, worn or seized parts
- PPE use, hazard awareness (dust, moving parts, confined spaces), and emergency procedures.

- Feed storage checks: check feed levels in storage area, in hoppers, bins, silos, moisture, mould, rodents/bird contamination, stale or spoiled ingredients

Rauemi | Resources

Legislation and code of practice relevant to this skill standard includes but is not limited to:

- NZ Pork Guidelines are available on request from NZ Pork. www.nzpork.co.nz.
 - NZPork Guidelines for developing Biosecurity farm plans
 - NZPork Transport Biosecurity Guidelines
- Agricultural Compounds and Veterinary Medicines Act 1997 [Agricultural Compounds and Veterinary Medicines Act 1997 No 87 \(as at 30 November 2022\), Public Act Contents – New Zealand Legislation](#)
- MPI Code of Welfare: Pigs 2018 [Code of Welfare – Pigs](#)
- Biosecurity Act 1993 [Biosecurity Act 1993 No 95 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#)
- Health and Safety at Work Act 2015 [Health and Safety at Work Act 2015 No 70 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#)
- Biosecurity (Meat and Food Waste for Pigs) Regulations 2005
- Animal Status Declaration forms for pigs

and any subsequent amendments or replacements.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Muka Tangata – People Food and Fibre Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Pork Production > Health and Nutrition
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0052

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	<type here>	[dd mm yyyy]	[dd mm yyyy]
Arotakenga Review	<type here>	[dd mm yyyy]	[dd mm yyyy]
Kōrero whakakapinga Replacement information	This skill standard will replace Unit standard		
Rā arotake Planned review date	31 December 2030		

Please contact Muka Tangata – People Food and Fibre Workforce Development Council at qualifications@mukatangata.nz to suggest changes to the content of this skill standard.