Demonstrate knowledge of pig health, health problems, behaviour, welfare, and biosecurity procedures

Level 3
Credits 8

Purpose People credited with this unit standard are able to demonstrate knowledge of: the husbandry factors affecting pig health; health problems in pigs; biosecurity procedures for a pork production unit; and pig behaviour, welfare and productivity, and the welfare code.

Subfield Pork Production
Domain Pig Health and Nutrition
Status Registered
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Replacement information This unit standard and unit standard 22092 replaced unit standard 4461.

Accreditation Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0052
This AMAP can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Special notes
1 Legislation relevant to this unit standard includes but is not limited to the Animal Welfare Act 1999, Biosecurity Act 1993, Food (Safety) Regulations 2002.

3 Definitions

Veterinary guidelines – advice received directly from veterinarians, or literature recommended by veterinarians or providers accredited to assess against this unit standard.

Pork production unit – collective term for several pork production sections. For example, a farrowing section, a grower section, and a dry sow section together make up a pork production unit.

Elements and performance criteria

Element 1

Demonstrate knowledge of the husbandry factors affecting pig health.

Range nutrition, environment, stress, hygiene.

Performance criteria

1.1 Husbandry factors are described in terms of their implications for pig health.

1.2 Husbandry factors are described in terms of the requirements of the welfare code.

Element 2

Demonstrate knowledge of health problems in pigs.

Range infective, parasitic, nutritional, environmental, reproductive, hereditary, injury, metabolic, poisons.

Performance criteria

2.1 Prognosis, control, and preventative measures of health problems are described in accordance with veterinary guidelines.

2.2 Health problems are described in terms of productive and economic significance to the pork production unit.

Element 3

Demonstrate knowledge of biosecurity procedures for a pork production unit.

Performance criteria

3.1 Biosecurity procedures which aim to prevent the introduction of disease into the pork production unit are described in accordance with the welfare code and veterinary guidelines.

Range quarantine, rodent and feral animal control, restricted access, hygiene, source of replacement breeding stock, vaccination.
3.2 Biosecurity procedures which aim to prevent the introduction of exotic diseases into New Zealand are described in terms of the implications for the pork production unit.

Range quarantine, restriction.

3.3 Biosecurity procedures which aim to prevent the spread of communicable diseases are described in terms of the welfare code.

Range quarantine, stock movement control, disease notification, closed herd, vector and animal eradication, vaccination, hygiene.

Element 4

Demonstrate knowledge of pig behaviour, welfare and productivity, and the welfare code.

Performance criteria

4.1 Pig behavioural characteristics are described in terms of the welfare code.

Range sow litter relationship, teat order and suckling behaviour, courtship and mating, farrowing, boar behaviour, feeding, excretory, social, moving behaviour.

4.2 The requirements for meeting pig welfare are described in terms of their influence on pig productivity.

Range housing, environment, nutrition, husbandry, management.

4.3 The welfare code is described in terms of its implications for pork producers and the pork industry.

Range legal requirements, feeding, housing, environment, husbandry practices, disease control, humane destruction.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.
Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

**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.