

Demonstrate knowledge of methods for promoting on-farm livestock health and health problems of livestock

Level 3

Credits 8

Purpose People credited with this unit standard are able to demonstrate knowledge of: the methods for promoting livestock health; and health problems of a livestock species.

Subfield Agriculture

Domain Farming Skills

Status Registered

Status date 23 April 2008

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Entry information Open.

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 – Hazardous Substances and New Organisms Act 1996, Biosecurity Act 1993, Animal Welfare Act 1999, and their subsequent amendments.
- 2 Performance of all aspects of this unit standard should comply with the Welfare Code relevant to the type of livestock with which the candidate is involved. Welfare codes are available from <http://biosecurity.govt.nz>.

Elements and performance criteria

Element 1

Demonstrate knowledge of the methods for promoting livestock health.

Performance criteria

1.1 Methods for maintaining livestock health are described and their implications for stock health are identified.

Range nutrition, management, stress, hygiene, minimising effects of predisposing causes, vaccinations, drenching, drugs, quarantine, breeding, selection.

1.2 Husbandry practices associated with the maintenance of livestock health are described for a chosen type of livestock farming.

1.3 The significance of exotic diseases, and control measures which aim to prevent the introduction of exotic diseases, are described in terms of quarantine and restriction.

Range evidence is required for at least two exotic diseases.

1.4 Control measures to prevent the spread of communicable diseases are described and the economic significance of those diseases are identified.

Range quarantine, stock movement control, disease notification, self-contained flock or herd, noxious animal eradication; evidence is required for at least two communicable diseases.

1.5 Zoonotic diseases are described in terms of their method of transmission and effects on people.

Range must include – leptospirosis, toxoplasmosis, hydatids.

Element 2

Demonstrate knowledge of health problems of a livestock species.

Range at least one of – sheep, cattle.

Performance criteria

2.1 Significant parasites and pathogens are described in terms of general prognosis and control measures.

Range appearance, stages or cycles, actions or behaviour.

2.2 Health problems are described in terms of the economic and regional significance to the farmer and agricultural industry.

Range may include but is not limited to – scouring, infection, parasites, metabolic disorder, lameness, skin abnormality, bloat, facial eczema, mastitis, mineral deficiency, Johne’s disease, tuberculosis, foot and mouth, BSE (bovine spongiform encephalopathy);
evidence is required for at least ten health problems.

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.