

Prepare equipment and treatments, restrain and treat dairy cattle, and perform drench calculations

Level 3

Credits 6

Purpose People credited with this unit standard are able to: check and prepare equipment, and prepare treatment in preparation for treating dairy cattle; restrain dairy cattle, and treat their common problems which do not require veterinary intervention; and perform drench calculations.

Subfield Agriculture

Domain Dairy Farming

Status Registered

Status date 20 May 2008

Date version published 20 May 2008

Planned review date 31 December 2013

Entry information Open.

Replacement information This unit standard and unit standard 24546 replaced unit standard 18198.

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 – Health and Safety in Employment Act 1992, Animal Welfare Act 1999, and their subsequent amendments.

- 2 Performance of all aspects of this unit standard should comply with the New Zealand Ministry of Agriculture and Forestry (1992), *Code of Recommendations and Minimum Standards for the Welfare of Dairy Cattle*, Wellington, and its subsequent amendments.
- 3 Definitions
On-farm procedures refer to the verbal or written instructions to staff on procedures for animal health, welfare, and management.
On-farm quality management procedures refer to the documented procedures for farm dairy hygiene practices, which must meet legislative and dairy company requirements. On-farm quality management procedures are available from all dairy companies.
- 4 References
NZCP-1, Code of Practice for the Design and Operation of Farm Dairies, New Zealand Food Safety Authority, ISBN 0-908946-00-7.
DPC 2: Animal Products (Dairy) Approved Criteria for Farm Dairies, referred to as DPC 2.
Available from the NZ Food Safety Authority website, <http://www.nzfsa.govt.nz>.

Elements and performance criteria

Element 1

Check and prepare equipment, and prepare treatment in preparation for, treating dairy cattle.

Range examples – dosatron, dispensers, drenching equipment, sprayer;
evidence is required for at least one type of equipment.

Performance criteria

- 1.1 Equipment to be used for treatment is checked to ensure it is in good working order and ready to deliver the required dose in accordance with manufacturer's instructions.
- 1.2 Selected treatment is mixed to required proportions or amounts according to manufacturer's instructions.

Element 2

Restrain dairy cattle, and treat their common problems which do not require veterinary intervention.

Range includes but is not limited to – foot problems, sore and damaged teats.

Performance criteria

2.1 Cow is restrained using method which enables health problem to be treated, without causing undue distress to cow or cows in close proximity or injury to operator.

Range one of – hip kick bar, leg rope, head bail.

2.2 Problems are treated according to supervisor's instructions, and manufacturer's instructions associated with the treatment product, and recorded in accordance with on-farm quality management procedures and DPC: 2.

Range evidence is required for at least three problems.

2.3 Equipment is prepared ready for next use in accordance with on-farm procedures.

Element 3

Perform drench calculations.

Performance criteria

3.1 Amount of animal remedy required is calculated by number and weight of animal.

Range drench, vaccine, pour-on.

3.2 An animal remedy applicator is calibrated in accordance with manufacturer's instructions.

Range at least two of – drench gun, vaccinating gun, pour-on applicator.

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.