

| | | | |
|--------------|--|----------------|----------|
| Title | Manage an equine breeding programme | | |
| Level | 6 | Credits | 6 |

| | |
|----------------|--|
| Purpose | <p>People credited with this unit standard are able to: manage the teasing program to determine the optimum time to serve to achieve pregnancy in the mare; determine mating strategy for a mare; serve the mare at the optimum time to achieve pregnancy, and establish confirmation of pregnancy; establish a programme to maintain the mare in optimum health; and provide feed to maintain the pregnant mare in good body condition.</p> |
|----------------|--|

| | |
|-----------------------|---------------------------|
| Classification | Equine > Equine Husbandry |
|-----------------------|---------------------------|

| | |
|------------------------|----------|
| Available grade | Achieved |
|------------------------|----------|

Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, and its subsequent amendments.
- 2 *Stable procedures* are the documented practices and polices required within a particular workplace, and do not contravene the *Code of Recommendations and Minimum Standards for the Welfare of Horses*. (Wellington: Ministry of Agriculture and Forestry, 1993); or available at <http://www.biosecurity.govt.nz/animal-welfare/codes/horses/index.htm>.
- 3 For this unit standard the practical assessment evidence must be provided in the context of a commercial business operation under normal working conditions.

Outcomes and performance criteria

Outcome 1

Manage the teasing program to determine the optimum time to serve to achieve pregnancy in the mare.

Performance criteria

- 1.1 Methods of teasing are assessed and a system appropriate for the stud is implemented in accordance with stable procedures.

- 1.2 A pattern of cycling behaviour for each mare in the herd is established through observation and consultation with the veterinarian, and a system is established to record details in accordance with stable procedures.
- Range may include but is not limited to – response to the teaser, veterinary palpation, scanning, behaviour.
- 1.3 The external behavioural signs of oestrous are identified in relation to ovarian and hormonal activity.
- 1.4 The idiosyncrasies of breeding behaviour are outlined.
- Range early cycling behaviour, extended or lactation anoestrous, shy mares, silent heat, infectious causes.
- 1.5 Amount of veterinary intervention is determined according to the mare owner's requirements and/or stable procedures.
- 1.6 Methods to increase the likelihood of pregnancy are described in terms of their mode of action.
- Range may include but is not limited to – caslicks, palpation, scanning, swabbing, irrigation, drugs.

Outcome 2

Determine mating strategy for a mare.

Performance criteria

- 2.1 Description of mating systems outlines those which optimise the likely performance of offspring.
- Range linebreeding, inbreeding, outcrossing.
- 2.2 The likelihood of a successful pregnancy is outlined in terms of mating history of anticipated mare, and mating history of anticipated sire.
- 2.3 Description of anticipated performance potential of progeny is in accordance with performance of sire and dam.
- 2.4 The likely commercial appeal of offspring is outlined in terms of fashionability of sire, and performance of relatives, sire, and dam.

Outcome 3

Serve the mare at the optimum time to achieve pregnancy, and establish confirmation of pregnancy.

Performance criteria

- 3.1 Optimum time for serving to achieve pregnancy is established in terms of the conditions relating to the mare, and in consultation with the veterinarian.
- Range dry mare, mare on foal heat, normal cycle, maiden mare.
- 3.2 Methods of restraint are assessed and restraints selected for individual mares to protect the stallion at serving.
- 3.3 Hygiene measures are implemented to reduce the risk of spread of disease from mare to stallion.
- 3.4 Description of different techniques available to confirm pregnancy outlines the situations where they may be implemented.
- Range may include but is not limited to – reaction to teaser, palpation, blood test, ultrasound.
- 3.5 Documentation is completed in accordance with stable procedures.

Outcome 4

Establish a programme to maintain the mare in optimum health.

Performance criteria

- 4.1 A programme for preventative health of broodmares is established to maintain the optimum health of the mare.
- Range may include but is not limited to – worming, teeth, vaccination, feet, mineral supplementation, feeding, environmental factors.
- 4.2 Problems of broodmares are recognised in terms of observations of symptoms, and required remedial action to be taken in the best interests of the mare in accordance with stable procedures.
- Range may include but not limited to – inward sloping vagina, windsucking, ovarian cysts, failure to conceive, urine retention, ovarian tumours.

Outcome 5

Provide feed to maintain the pregnant mare in good body condition.

Performance criteria

5.1 A feeding programme is established to maintain the mare in optimum health.

Range meets daily nutritional requirements for pregnancy, provides consideration for the foetus to grow to reach its genetic potential, considers availability of pasture, and the addition of concentrate feed and pasture supplements.

5.2 Concentrate feed is introduced and changed as required to minimise stress to the mare, and allow the mare to obtain maximum benefit from the feed.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1 | 28 October 1994 | 31 December 2023 |
| Review | 2 | 23 October 1996 | 31 December 2023 |
| Review | 3 | 24 June 1998 | 31 December 2023 |
| Revision | 4 | 22 September 2003 | 31 December 2023 |
| Review | 5 | 26 November 2007 | 31 December 2023 |
| Review | 6 | 28 May 2020 | 31 December 2023 |

| | |
|--|------|
| Consent and Moderation Requirements (CMR) reference | 0018 |
|--|------|

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.