

<b>Title</b>	<b>Implement and monitor a breeding programme for a horse stud</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: assess the design and functionality of stable designs and a horse breeding complex; record and assign accommodation for horses arriving on a property; describe methods to accelerate oestrus in mares; implement and monitor a service schedule for breeding stock and monitor the mare post-service; prepare the mare and hold for service or insemination; describe the mating procedure, stallion behaviour, and handling requirements; and evaluate the outcomes of the breeding programme and provide recommendations for future sires for mating to mares.
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<b>Classification</b>	Equine > Equine Husbandry
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015; and any subsequent amendments.
- 2 Definition
 

*Workplace procedures* are the documented policies and practices for safety and procedures within a particular workplace, and are consistent with the Code of Welfare: Horses and Donkeys (2018) available at <https://www.mpi.govt.nz/dmsdocument/11003-horses-and-donkeys-code-of-welfare>.
- 3 For the purposes of assessment:
  - evidence for the practical components of this unit standard must be supplied from the workplace.
  - evidence for all outcomes must be presented in accordance with workplace procedures.

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### Outcomes and performance criteria

#### Outcome 1

Assess the design and functionality of stable designs and a horse breeding complex.

**Performance criteria**

1.1 Assess stable designs and describe their advantages and disadvantages for the day-to-day management of breeding horses.

Range barn style, covered yard, direct opening to yard;  
evidence of three advantages and three disadvantages for each stable design is required.

1.2 Assess a horse breeding complex in terms of suitability and functionality for breeding horses.

Range site positioning, stables, office, parade area, crush, feed room, muck heap, yards, wash bay, paddocks, serving barn, individual paddocks, walker, exercise area, stallion barn, hay shed, implement shed, loading bay, security, staffroom, fencing, materials used, isolation unit, day to day running;  
evidence of 14 is required.

**Outcome 2**

Record and assign accommodation for horses arriving on a property.

**Performance criteria**

2.1 Record details of arriving horses.

Range may include but is not limited to – identification details, owner details, colour, markings, brand, stallion to visit, reproductive status, foal at foot and sex, injuries on either mare or foal, general health, gear;  
evidence of five is required.

2.2 Assign horse to accommodation.

Range one of – quarantine, yard, group or individual paddock or stable.

2.3 Complete documentation of arriving horses.

**Outcome 3**

Describe methods to accelerate oestrus in mares.

**Performance criteria**

3.1 Describe methods used to accelerate oestrus in mares.

Range may include but is not limited to – lights, rugs, feed, shelter, exposure to teaser;  
evidence of four is required.

**Outcome 4**

Implement and monitor a service schedule for breeding stock and monitor the mare post-service.

**Performance criteria**

4.1 Implement and monitor the daily service schedule according to mare's reproductive status and stallion availability.

Range results of teasing, foaling date of mares.

4.2 Monitor mares post-service from first scan to 42-day scan.

4.3 Maintain service documentation.

Range one of – mare, stallion.

**Outcome 5**

Prepare the mare and hold for service or insemination.

**Performance criteria**

5.1 Clean the mare to remove signs of faeces and dirt and prepare for service.

Range bandage or wrap tail; clean – vulva, anus, hindquarters, under dock.

5.2 Fit restraints to minimise injury to the mare and stallion.

Range may include but is not limited to – bit, twitch, hobbles, leg strap, boots neck protector;  
evidence of at least one is required.

5.3 Hold the mare for serving or insemination in a manner and position which is safe for the horses, handlers, and other personnel.

Range may include but is not limited to – foal safely restrained; personal safety gear – helmets, vests, boots;  
evidence of at least one is required.

5.4 Remove restraints as soon as possible after serving in a manner which is safe for the mare and handler.

**Outcome 6**

Describe the mating procedure, stallion behaviour, and handling requirements.

**Performance criteria**

6.1 Describe the mating procedure.

Range includes but is not limited to – natural and/or artificial insemination, approach to mare or phantom, mounting, ejaculation, dismounting; evidence of four is required.

6.2 Describe stallion behaviour and handling requirements during service and post-service.

Range may include but is not limited to – preparation for service, restraints and protective equipment, services per day per collection, post service procedures, mating records; evidence of three is required.

**Outcome 7**

Evaluate the outcomes of the breeding programme and provide recommendations for future sires for mating to mares.

**Performance criteria**

7.1 Evaluate mares and their youngstock in terms of the overall success of the mating and the suitability of the stallion used for the mating.

Range youngstock – sales return, performance of relatives, conformation bloodlines, age, temperament;  
mares – reproductive results.

7.2 Provide recommendations for future suitable sires for mating to mares in the breeding programme.

<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	28 May 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0018
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the Primary ITO [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.