



**Australian Government**

**Assessment Requirements for RGRHBR501  
Plan and implement an enterprise horse  
breeding strategy**

**Release: 1**

# Assessment Requirements for RGRHBR501 Plan and implement an enterprise horse breeding strategy

## Modification History

Release	Comments
Release 1	This version released with RGR Racing and Breeding Training Package Version 3.0.

## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- developed and implemented a horse breeding strategy for an enterprise for at least one breeding season, which outlines:
  - enterprise breeding objectives and longer term goals
  - breeding strategy, including genetically sound selection of horses
  - resources and costs
  - criteria to measure success against breeding strategy.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- basic genetic theories and principles, including:
  - qualitative and quantitative gene action
  - heritability of genetic traits
  - dominant and recessive genes
  - relevance of generation interval and genetic correlation
  - use of estimated breeding values and indexes in multi-trait selection
  - measurement of genetic characteristics used in breeding programs
  - application to the development of an organisation breeding program and long-term planning
- business models for horse breeding enterprises, including:
  - building own herd/stock
  - servicing customers' horses (walk-ins)
  - mixture of both

- providing agistment and other services
- costs and benefits of horse breeding options
- syndication of stallions
- market and/or partners
- methods for selecting breeding stock, including:
  - individual horse records
  - pedigree records
  - progeny records
- indicators of genetic progress within a breeding program, including:
  - consistent goals/objectives
  - heritability
  - selection intensity
  - generation individual
- financial and economic assessment of breeding program
- identifying appropriate professional support, including veterinarian and farrier, and securing service agreements
- key requirements of regulations and codes of practice relevant to developing and implementing a breeding strategy, including:
  - animal welfare
  - biosecurity
  - rules of racing or other discipline requirements.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - technology to prepare a horse breeding strategy
- specifications:
  - information about costs of resources required for breeding program
  - enterprise information about horse pedigrees and population data.

Training and assessment strategies must show evidence of the use of guidance provided in the Companion Volume: User Guide: Safety in Equine Training.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c4b8489-f7e1-463b-81c8-6ecce6c192a0>

