

**Modification history**

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCLSK505	Develop production plans for livestock
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to establish production targets and develop and review production plans for livestock.</p> <p>The unit applies to individuals who apply specialist skills and knowledge to develop production plans for livestock, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex problems.</p> <p>All work must be carried out to comply with workplace procedures, health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements, and sustainability and biosecurity practices.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Livestock (LSK)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine feasibility of livestock enterprise	1.1 Assess environment parameters and available infrastructure and their suitability for selected livestock species 1.2 Assess the suitability of the livestock enterprise for their market potential and gross margin returns 1.3 Identify capital and human resource requirements 1.4 Identify production risks and strategies to address them 1.5 Select livestock species, breeds and genetics to suit the production system, environment and the market
2. Identify and define determinants of livestock profitability	2.1 Define production goals 2.2 Establish strategies for livestock sourcing and improvement to determine breeding program 2.3 Determine nutritional requirements for each age, sex and category of livestock 2.4 Determine feeding strategy including grazing management, where appropriate, and develop feeding programs for each livestock category 2.5 Develop health management program to manage and prevent disease in each livestock class or category
3. Establish livestock production targets and prepare production plan	3.1 Establish environmental controls as required 3.2 Define performance indicators for the livestock enterprise 3.3 Develop product quality specifications and set production targets 3.4 Establish livestock production plan budget 3.5 Prepare production plan incorporating a calendar of operations for the workplace production cycle

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Review production plans to determine input and service requirement	4.1 Establish schedules for the purchase of inputs and services used in production 4.2 Plan logistical arrangements related to livestock production, transport and marketing and other key operations of the production cycle 4.3 Maintain and monitor physical and financial record keeping system to provide data for the analysis of livestock production performance 4.4 Review production plan

<b>Foundation Skills</b>	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
<b>Skill</b>	<b>Description</b>
Writing	<ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to prepare livestock production plan documentation</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Use mathematical concepts to calculate, compare and estimate numerical and financial data required for planning and forecasting livestock production targets and budget</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCLSK505 Develop production plans for livestock Release 2	AHCLSK505 Develop production plans for livestock Release 1	Minor changes to application minor changes to performance criteria foundation skills added assessment requirements updated	Equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCLSK505 Develop production plans for livestock</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has developed production plans for livestock on at least one occasion and has:</p> <ul style="list-style-type: none"> <li>• determined feasibility of livestock enterprise</li> <li>• identified and defined determinants of livestock profitability</li> <li>• established livestock production targets</li> <li>• established livestock production plan budget</li> <li>• prepared production plans</li> <li>• reviewed production plans to determine input and service requirements.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• workplace requirements applicable to health and safety in the workplace for developing production plans for livestock</li> <li>• environment and biosecurity legislation and regulations and workplace practices relevant to developing production plans for livestock</li> <li>• principles and practices for developing production plans for livestock, including: <ul style="list-style-type: none"> <li>• livestock husbandry, production and management practices</li> <li>• livestock selection, health and grazing strategies where applicable</li> <li>• financial analysis techniques</li> <li>• livestock and livestock product marketing</li> <li>• sustainable land use principles and practices applicable to the region</li> <li>• whole farm planning processes.</li> </ul> </li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• a workplace setting or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• workplace requirements applicable to health and safety in the workplace for developing production plans for livestock</li> <li>• environment and biosecurity legislation and regulations and workplace practices applicable to developing production plans for livestock</li> </ul> </li> <li>• timeframes: <ul style="list-style-type: none"> <li>• according to job requirements.</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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