

Title	Demonstrate knowledge of the physical resources in an agribusiness		
Level	5	Credits	10

Purpose	People credited with this unit standard are able to: identify and describe the physical resources available to a specified agribusiness, and analyse their limiting or enhancing effects; describe the requirements of regional and district authority regulations relating to the physical resources of a specified agribusiness; and describe management practices that will enhance the sustainability of the physical resources in a specified agribusiness.
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Classification	Agriculture > Agribusiness Management
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Available grade	Achieved
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Guidance Information

- 1 Legislation applicable to this unit standard includes but is not limited to:

Animal Welfare Act 1999
 Biosecurity Act 1993
 Building Act 2004
 Fencing Act 1978
 Hazardous Substances and New Organisms Act 1996
 Health and Safety in Employment Act 1992
 Personal Property Securities Act 1999
 Resource Management Act 1991
 Rating Valuations Act 1998
 Sale of Goods Act 1908
 Climate Change Response Act 2002.

Local application and administration of the Resource Management Act 1991 is the responsibility of the regional and district councils. These Territorial Authorities should be consulted regarding specific local requirements.

- 2 **Definition**
Sustainability – a balance of economic, social, and environmental factors taken into account for the management of resources.
- 3 Information for assessment may be presented on computerised nutrient budgeting software. People who do not have access to software will not be disadvantaged when seeking credit for this unit standard.

Outcomes and performance criteria

Outcome 1

Identify and describe the physical resources available to a specified agribusiness, and analyse their limiting or enhancing effects.

Range physical resources may include but are not limited to – location, climate, size, scale; interrelated business – service industries, processing facilities; soil resource, water resource; structures – fences; buildings, plant and machinery, livestock, vegetation, internal roading, waste disposal system, air source, trees; evidence is required for at least five.

Performance criteria

- 1.1 The identification and description includes qualifying, and where possible quantifying, the physical resources applicable to the agribusiness.
- 1.2 The analysis determines the degree to which the agribusiness is affected by the physical resources in terms of limiting production and/or adding value.
- 1.3 The analysis determines how integration of physical resources can be optimised in terms of meeting or exceeding the agribusiness objectives.
- 1.4 The analysis determines the degree to which the Climate Change Response Act 2002 and related climate change projections impact on the agribusiness.

Outcome 2

Describe the requirements of regional and district authority regulations relating to the physical resources of a specified agribusiness.

Performance criteria

- 2.1 The roles of central government, and regional and district authorities are described in terms of their effects on the use of physical resources of the agribusiness.
Range may include but is not limited to – rates assessment and collection, administration of provisions contained within the Resource Management Act 1991, water rights, effluent discharges, air pollution controls, subdivision of land, greenhouse gas (GHG) emissions.
- 2.2 Central government, and regional and district authority regulations are identified and described in terms of the obligations of the agribusiness.
- 2.3 The sources of information and advice relating to regulations are identified for the agribusiness.

2.4 The existing physical resources and their development plans are assessed in accordance with legislative requirements.

Range resources use or development may include but is not limited to – effluent disposal, earthworks, buildings, structures, dams, water supply.

Outcome 3

Describe management practices that will enhance the sustainability of the physical resources in a specified agribusiness.

Range management practices may include but are not limited to – soil nutrient management, soil structure management, water quality management, water use management, effluent disposal and treatment, animal husbandry, feed utilisation, utilisation of by-products; evidence is required for at least three.

Performance criteria

- 3.1 Management practices are described in terms of their economic viability for the agribusiness.
- 3.2 Management practices are described in terms of their potential to enhance the sustainability of the agribusiness.
- 3.3 Management practices are described in terms of their consistency with legislative and consumer requirements, and relevant industry codes of practice.
- 3.4 Management practices are described in terms of the way in which they minimise the impact of climate change or take advantage of opportunities.

Replacement information	This unit standard replaced unit standard 16650.
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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	27 April 2005	31 December 2022
Review	2	18 March 2011	31 December 2022
Review	3	22 October 2020	31 December 2022
Rollover	4	30 September 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.