

National Vocational Certificate in Agriculture (Level 4)

NQF Level of qualification:	4
Total credits available:	88 – 98
Total credits required:	88 – 94

	Compulsory	Electives
Level 3 credits available	8	4
Level 4 credits available	47	4
Minimum totals required	55	4

	Strand A - Livestock	Strand B - Crops and Horticulture
	Compulsory	Compulsory
Level 3 credits available		
Level 4 credits available	29	35
Minimum totals required	29	35

Registration date: 29 November 2018

Scheduled review date: 2023

Body responsible for the qualification: Namibia Training Authority - NTA through the Agriculture and Forestry Skills Committee

Other bodies whose unit standards are included in the qualification: None

1 PURPOSE

This qualification recognises people who have the competencies required for assisting in managing agricultural enterprises. It is awarded to people who have demonstrated the skills and knowledge required to demonstrate an understanding of the institutional agricultural environment in Namibia, apply knowledge of value addition of farm produce, manage farm infrastructure through maintenance and improvements, apply knowledge of certification of agricultural products and demonstrate application of knowledge of farm bio-safety. They are able to market farm produce, manage the sustainable utilisation of water in agriculture, manage wild life on a farm and procure agricultural inputs. They further have a good understanding of applying knowledge of mathematics in an agricultural context.

This qualification leads vertically to the National Vocational Diploma in Farm Management (Level 5).

The entry requirement for this qualification are the following qualifications:
National Vocational Certificate in Livestock Production (Level 3), **OR**
National Vocational Certificate in Crop and Horticulture Production (Level 3).

People seeking this qualification must complete any one of the Specialist Strands. Providers wishing to design programs of learning related to this qualification could develop courses relating to either or both strands.

2 REGULATIONS FOR THE QUALIFICATION

2.1 Summary of qualification requirements

This qualification will be awarded to people who are credited with the requirements of the compulsory set and elective set, and all the requirements of one of the two specialist strands; as well as all requirements for Workplace Integrated Learning (WIL) as laid out in the National Policy On Work-Integrated Learning for Technical and Vocational Education and Training (TVET).

2.2 Detailed qualification requirements

Compulsory Set

All the unit standards listed below are required.

FIELD: Physical, Mathematical and Computer Studies
Subfield: Numeracy
Domain: Foundation Numeracy Skills

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1951	Apply knowledge of mathematics in an agricultural context	3	8

AND

FIELD: Agriculture and Nature Conservation
Subfield: Farm Management
Domain: Farm Produce Marketing

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1952	Market farm produce	4	6
Unit ID: 1953	Apply knowledge of value addition of farm produce	4	4

AND

FIELD: Agriculture and Nature Conservation
Subfield: Farm Management
Domain: Farm Production Planning

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1954	Demonstrate an understanding of the institutional agricultural environment in Namibia	4	4
Unit No. 1955	Apply knowledge of certification of agricultural products	4	3

Unit ID: 1957	Demonstrate application of knowledge of farm Biosafety	4	4
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AND**FIELD:** Agriculture and Nature Conservation**Subfield:** Farm Management**Domain:** Farm Business

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1946	Procure agricultural inputs	4	4

AND**FIELD:** Agriculture and Nature Conservation**Subfield:** Natural Resources Management**Domain:** Farm Ecosystem Management

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1948	Manage the sustainable utilisation of water in agriculture	4	4
Unit ID: 1949	Manage wildlife on a farm	4	3

AND**FIELD:** Agriculture and Nature Conservation**Subfield:** Machinery and Equipment**Domain:** Repairs and Maintenance

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1969	Manage farm infrastructure through maintenance and improvements	4	15

Elective*A minimum of 4 credits are required from the following unit standards***FIELD:** Agriculture and Nature Conservation**Subfield:** Farm Management**Domain:** Operate Machinery, Tools and Equipment

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1956	Use and handle fire arms on a farm	3	4

FIELD: Agriculture and Nature Conservation
Subfield: Natural Resource Management
Domain: Farm Ecosystem Management

Unit No.	Unit Standard Title	Level	Credits
Unit ID: 1950	Apply knowledge and techniques of bee keeping	4	4

Specialist Strand A: Based on Livestock Production

Strand Compulsory

Credits are required for all unit standards listed below.

FIELD: Agriculture and Nature Conservation
Subfield: Livestock
Domain: Animal Husbandry

Unit No.	Unit Standard Title	Level	Credits
Unit ID: AH 10	Demonstrate knowledge of the science of livestock	4	15
Unit ID: AH 14	Demonstrate knowledge of technologies and techniques used in livestock production	4	8
Unit ID: AH 8	Demonstrate the implementation of animal welfare regulations	4	2
Unit ID: AH 4	Manage feed ration supply for a livestock production enterprise	4	4

Specialist Strand B: Based on Crop and Horticulture Production

Strand Compulsory

Credits are required for all unit standards listed below.

FIELD: Agriculture and Nature Conservation
Subfield: Agronomy and Horticulture
Domain: Plant Husbandry

Unit No.	Unit Standard Title	Level	Credits
Unit ID: PH 9	Apply knowledge of the Science of crops, fruit and fodder	4	15
Unit ID: PH 11	Develop a soil management plan	4	6
Unit ID: PH 13	Demonstrate knowledge on precision agriculture	4	6

AND**FIELD:** Agriculture and Nature Conservation**Subfield:** Machinery and Equipment**Domain:** Operate Machinery, Tools and Equipment

Unit No.	Unit Standard Title	Level	Credits
Unit ID: OMTE 18	Calibrate farm equipment	4	8

3 CREDIT RECOGNITION AND TRANSFER ARRANGEMENTS

Credits for any version of a unit standard of the same identification number will be recognised in the award of this qualification.

4 SPECIAL ARRANGEMENTS

4.1 Providers seeking registration and/or accreditation to deliver this qualification must meet the following special arrangements.

4.1.1 **Industrial/job attachment**, which is defined as a period of time in a workplace setting where a trainee obtains structured practical experience in a specific occupation in order to complement competencies acquired during training at a technical vocational training provider (TVTP), is compulsory for this qualification.

Training providers are expected to facilitate and organise a job attachment period for their trainees within the relevant industry for a minimum of 9 months.

Training Providers are encouraged to consult the **National Policy on Work-Integrated Learning for Technical and Vocational Education and Training (TVET)** for further details on stakeholder responsibilities, allowance/grant, supervisory and assessment regulations governing industrial/job attachment for technical vocational education and training.

4.1.2 Providers involved in the assessment of this qualification and the associated unit standards must comply with the national assessment framework for the TVET system up to and including level 5 of the National Qualifications Framework. Assessment will include performance and achievement assessment acquired through work integrated learning periods.

Assessment arrangements apply to all occupations and industries which are encompassed in the technical vocational education and training sector.

4.1.3 Providers of this qualification and the associated unit standards must be registered and/or accredited.

4.1.4 Providers of this qualification and their associated unit standards must have access to all equipment and facilities detailed in the tools and equipment list of the relevant training program.

4.2 Competencies covered in this qualification may be assessed through Recognition of Prior Learning (RPL).

4.3 Further relevant information and documentation may be accessed through:

Namibia Training Authority

Rand Street

Khomasdal

Namibia

Telephone number: 061 207 8550

Facsimile number: 061 207 8551

5 TRANSITION ARRANGEMENTS

5.1 Non National Qualifications Framework transition

None

5.2 National Qualifications Framework transition

This is the first version of this qualification.