
GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 632

5 June 2009



SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with Regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Primary Agriculture

registered by Organising Field 01 – Plant Inspection, publishes the following Unit Standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the Unit Standards. The full Unit Standards can be accessed via the SAQA web-site at www.saq.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the Unit Standards should reach SAQA at the address below and **no later than 06 July 2009**. All correspondence should be marked **Standards Setting – SGB for Primary Agriculture** and addressed to

The Director: Standards Setting and Development
SAQA

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ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Validate and certify the authenticity of a variety for certification purposes***

SAQA US ID		UNIT STANDARD TITLE	
263334		Validate and certify the authenticity of a variety for certification purposes	
ORIGINATOR		PROVIDER	
SGB Primary Agriculture			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Primary Agriculture	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	10

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Identify and validate the authenticity of a variety based on the morphology of the leaf, buds, shoots and fruit.

SPECIFIC OUTCOME 2

Identify and validate the authenticity of a variety based on the growth habit of the tree or the vine.

SPECIFIC OUTCOME 3

Identify and validate the authenticity of a variety based on the bearing habit of the tree or the vine.

SPECIFIC OUTCOME 4

Implement techniques to distinguish scion and root stock varieties.

SPECIFIC OUTCOME 5

Implement techniques to discern scion and root stock varieties.

SPECIFIC OUTCOME 6

Make discretionary decisions on mixings of plant material which cannot be corrected and report to the Authority and nursery.

SPECIFIC OUTCOME 7

Perform certification of plant material that complies to true-to-type.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Demonstrate an understanding of the composition and structures of the plant improvement industry

SAQA US ID	UNIT STANDARD TITLE		
263435	Demonstrate an understanding of the composition and structures of the plant improvement industry		
ORIGINATOR	PROVIDER		
SGB Primary Agriculture			
FIELD	SUBFIELD		
1 - Agriculture and Nature Conservation	Primary Agriculture		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	1

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Demonstrate an understanding of the definitions and applications of the terminology used in the Scheme.

SPECIFIC OUTCOME 2

Outline the background and structure of the plant improvement industry.

SPECIFIC OUTCOME 3

Describe the legislative and Plant Improvement Scheme requirements for the certification of plant material and the plant improvement processes to ensure compliance.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Appraise the quality of Plant Material for Certification Purposes***

SAQA US ID	UNIT STANDARD TITLE		
263457	Appraise the quality of Plant Material for Certification Purposes		
ORIGINATOR	PROVIDER		
SGB Primary Agriculture			
FIELD	SUBFIELD		
1 - Agriculture and Nature Conservation	Primary Agriculture		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	18

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Select a representative sample of plant material and/or soil for inspection and/or testing.

SPECIFIC OUTCOME 2

Verify the physical requirements of plant material for compliance to certification standards.

SPECIFIC OUTCOME 3

Verify the unique morphological characteristics of plant material.

SPECIFIC OUTCOME 4

Verify the phytosanitary requirements of plant material.

SPECIFIC OUTCOME 5

Scrutinize the plant propagation processes to ensure compliance to the certification requirements.

SPECIFIC OUTCOME 6

Formulate recommendations that contribute to the improvement of the quality of the end product and the importance of the prescriptions.

SPECIFIC OUTCOME 7

Audit administrative and process systems in order to assess compliance to the Scheme.

SPECIFIC OUTCOME 8

Keep current records and maintain a database.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Appraise the compliance of a site for the propagation of plant material for certification purposes for the Plant Improvement Industry

SAQA US ID	UNIT STANDARD TITLE		
263494	Appraise the compliance of a site for the propagation of plant material for certification purposes for the Plant Improvement Industry		
ORIGINATOR	PROVIDER		
SGB Primary Agriculture			
FIELD	SUBFIELD		
1 - Agriculture and Nature Conservation	Primary Agriculture		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	11

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Process the application for registration of a site for the propagation of plant material.

SPECIFIC OUTCOME 2

Perform an on-site evaluation.

SPECIFIC OUTCOME 3

Assess the site in terms of the soil requirements.

SPECIFIC OUTCOME 4

Formulate a recommendation to the Plant Improvement Authority on the suitability of the site.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Apply the legislative requirements for plant improvement processes***

SAQA US ID		UNIT STANDARD TITLE	
263496		Apply the legislative requirements for plant improvement processes	
ORIGINATOR		PROVIDER	
SGB Primary Agriculture			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Primary Agriculture	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	18

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Indicate the relevant legislated bodies that preside over the plant improvement industry, their specific regulatory functions and registration requirements.

SPECIFIC OUTCOME 2

Identify the objectives and applicable regulations of the Plant Improvement Act and the requirements that must be complied with.

SPECIFIC OUTCOME 3

Indicate the regulatory requirements that emanate from the Plant Improvement Act.

SPECIFIC OUTCOME 4

Describe the Plant Improvement Authority's role in regulating the operational procedures for plant improvement and the ensuing consequences for industry stakeholders.

SPECIFIC OUTCOME 5

Describe the phytosanitary regulations on plant material.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Implement improvement interventions to ensure the progressive conformance to specifications required by the Plant Improvement Industry

SAQA US ID	UNIT STANDARD TITLE		
263554	Implement improvement interventions to ensure the progressive conformance to specifications required by the Plant Improvement Industry		
ORIGINATOR	PROVIDER		
SGB Primary Agriculture			
FIELD	SUBFIELD		
1 - Agriculture and Nature Conservation	Primary Agriculture		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	7

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Evaluate requirements for conformance and identify areas for improvement in terms of requirements of the Plant Improvement Scheme and standard operating procedures.

SPECIFIC OUTCOME 2

Identify steps in the process of achieving conformance and identify conformance criteria for each category of unit and category of plant material.

SPECIFIC OUTCOME 3

Analyse and assess the remedial action taken for each non-compliance in the process.

SPECIFIC OUTCOME 4

Implement certification requirements and collect, analyse and assess data.

SPECIFIC OUTCOME 5

Compile reports, present recommendations for changes to plant improvement procedures, propagation processes and requirements of the Plant Improvement Scheme.

SPECIFIC OUTCOME 6

Incorporate changes into requirements of the Plant Improvement Scheme and standard operating procedures for handing to the Plant Improvement Authority.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None