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PART 2 OF 2



AIDS HELPLINE: 0800-0123-22 Prevention is the cure



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

126

Ensure sustainable wild flower harvesting operations

SAQA US ID	UNIT STANDARD TITLE		
116289	Ensure sustainable wild flower harvesting operations		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	5

Specific Outcomes:

SPECIFIC OUTCOME 1

Demonstrate a broad knowledge of sustainable harvesting and eco system sustainability.

SPECIFIC OUTCOME 2

Demonstrate compliance with regards to relevant legislation.

SPECIFIC OUTCOME 3

Manage, analyse and integrate relevant data into operating procedures and regional monitoring progra

SPECIFIC OUTCOME 4

Develop and manage a harvesting plan for a farm.

SPECIFIC OUTCOME 5

Demonstrate the ability to do research and enhance current potential of harvesting products to keep



Established in terms of Act 58 of 1995

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

127

Establish a plan for the monitoring, safe use and maintenance of equipment implements, technology and infrastructure

SAQA US ID	UNIT STANDARD TITLE		
116290	Establish a plan for the monitoring, safe use and maintenance of equipment implements, technology and infrastructure		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Primary Agriculture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:

SPECIFIC OUTCOME 1

Develop a basic task related work program related to the scheduling and allocation of equipment and

SPECIFIC OUTCOME 2

Prepare and implement basic operational procedures for the cleaning, storage and proper maintenance

SPECIFIC OUTCOME 3

Recognise, identify and solve problems related to the use of implements and equipment in an agricult

SPECIFIC OUTCOME 4

Draw up plans to ensure that safety regulations are implemented as prescribed for the use of impleme

SPECIFIC OUTCOME 5

Adapt equipment, implements and technology to suit different agricultural situations and processes.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

128

Evaluate, adjust and implement factors influencing agricultural enterprises

SAQA US ID	UNIT STANDARD TITLE		
116293	Evaluate, adjust and implement factors influencing agricultural enterprises		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:

SPECIFIC OUTCOME 1

Evaluate and adjust production processes so that natural resources required are managed sustainably.

SPECIFIC OUTCOME 2

Compare and evaluate infrastructural factors affecting requirements.

SPECIFIC OUTCOME 3

Evaluate and adjust required stock.

SPECIFIC OUTCOME 4

Evaluate and adjust harvest procedures required.

SPECIFIC OUTCOME 5

Compare and integrate the post harvest factors.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

129

Execute sustainable resource use and quality control

SAQA US ID	UNIT STANDARD TITLE		
116288	Execute sustainable resource use and quality control		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Determine availability of resources and maintain sustainable resource use.

SPECIFIC OUTCOME 2

Determine the scope of the enterprise / production unit.

SPECIFIC OUTCOME 3

Apply the principles of quality management systems.

SPECIFIC OUTCOME 4

Integrate the concept of quality control into the production process.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

130

Explain animal classification and natural history

SAQA US ID	UNIT STANDARD TITLE		
116281	Explain animal classification and natural history		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	2

Specific Outcomes:

SPECIFIC OUTCOME 1

Describe the historical origin of the specific animal species, based on evidence.

SPECIFIC OUTCOME 2

Describe the geographical distribution of the specific animal species, based on its preferences.

SPECIFIC OUTCOME 3

Describe the specific animal species' position within the classification system of the animal kingdom.

SPECIFIC OUTCOME 4

Describe the historic, traditional and current use of the specific animal species by man.

SPECIFIC OUTCOME 5

Describe the basic biological and behavioural concepts that will illuminate the geographical, traditional



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

131

Explain functional animal anatomy and physiology

SAQA US ID	UNIT STANDARD TITLE		
116285	Explain functional animal anatomy and physiology		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify and understand in detail the processes active within the various anatomical systems in anim

SPECIFIC OUTCOME 2

Identify and understand how anatomical systems within animals influence production of various animal

SPECIFIC OUTCOME 3

Monitor and advise others on animal systems and production processes based on anatomical systems.

SPECIFIC OUTCOME 4

Understand how animal health and nutrition affects animal anatomical systems.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

132

Explain intermediate animal nutrition

SAQA US ID	UNIT STANDARD TITLE		
116282	Explain intermediate animal nutrition		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	4

Specific Outcomes:**SPECIFIC OUTCOME 1**

Describe the composition and functions of specific nutrient components and feed ingredients.

SPECIFIC OUTCOME 2

Interpret the nutrient requirements of different animal species and categories.

SPECIFIC OUTCOME 3

Perform the calibration and adjustment of feed manufacturing and processing equipment.

SPECIFIC OUTCOME 4

Explain the principles of feed preservation.

SPECIFIC OUTCOME 5

Apply quality control measures that affect feeds.

SPECIFIC OUTCOME 6

Apply the relevant standards of different purchased feed ingredients and complete feeds.

SPECIFIC OUTCOME 7

Interpret the effects of feed evaluation results towards feeding management decisions and future foo

SPECIFIC OUTCOME 8

Apply feed flow planning principles.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

133

Give an overview of the industry structure

SAQA US ID	UNIT STANDARD TITLE		
116286	Give an overview of the industry structure		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	2

Specific Outcomes:**SPECIFIC OUTCOME 1**

Explain the historical and current framework structure of the industry.

SPECIFIC OUTCOME 2

List media published from time to time within, for, about, on and on behalf of the industry.

SPECIFIC OUTCOME 3

List all relevant Government Departments that affect the specific industry.

SPECIFIC OUTCOME 4

Name all legislation pertaining to the specific industry.

SPECIFIC OUTCOME 5

Name and describe supportive resources, associations, groups, networks and services available to ass

SPECIFIC OUTCOME 6

Describe the various relationships within the industry as well as between the specific industry and



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

134

Identify and apply permaculture principles

SAQA US ID	UNIT STANDARD TITLE		
116221	Identify and apply permaculture principles		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	5

Specific Outcomes:

SPECIFIC OUTCOME 1

Identify Permaculture site elements and resources and integrate these with each other.

SPECIFIC OUTCOME 2

Recognise and use local biotic and abiotic resources in a Permaculture context.

SPECIFIC OUTCOME 3

Use ecological processes and cycles in Permaculture applications.

SPECIFIC OUTCOME 4

Select appropriate sustainable living practices that reflect Permaculture ethics.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

135

Implement a data collection plan

SAQA US ID	UNIT STANDARD TITLE		
116312	Implement a data collection plan		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	4

Specific Outcomes:**SPECIFIC OUTCOME 1**

Interpret a data collection plan.

SPECIFIC OUTCOME 2

Implement a data collection plan.

SPECIFIC OUTCOME 3

Interpret and analyse collected data.

SPECIFIC OUTCOME 4

Present collated data coherently.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

136

Implement a food safety and quality management system in the agricultural supply chain

SAQA US ID	UNIT STANDARD TITLE		
116278	Implement a food safety and quality management system in the agricultural supply chain		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Manage a traceability system demonstrating operational efficiency in the agricultural supply chain.

SPECIFIC OUTCOME 2

Implement a record system on the farm.

SPECIFIC OUTCOME 3

Manage and maintain good agricultural practices (GAP) associated with good manufacturing practices (

SPECIFIC OUTCOME 4

Take decisions on reported non-conformances in respect of food safety, production, environmental, an

SPECIFIC OUTCOME 5

Conduct internal audits according to the specifications of the trade/market in the agricultural envi

SPECIFIC OUTCOME 6

Maintain standard operational procedures with regard to agro-chemicals, food safety, quality, and pr



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

137

Implement a natural resource management plan

SAQA US ID	UNIT STANDARD TITLE		
116303	Implement a natural resource management plan		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Assess the efficiency of the routine natural resource management practices and/or applications on th

SPECIFIC OUTCOME 2

Select and apply (from a range of preventative and/or rehabilitation measures) the most appropriate

SPECIFIC OUTCOME 3

Contribute to strategic planning in terms of natural resource management as relevant to the farm.

SPECIFIC OUTCOME 4

Schedule activities related to alien eradication, erosion control, seasonal and climatic conditions,



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

138

Implement a permaculture site design

SAQA US ID	UNIT STANDARD TITLE		
116279	Implement a permaculture site design		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	7

Specific Outcomes:

SPECIFIC OUTCOME 1

Implement the integration of site elements and resources as outlined in a Permaculture Design.

SPECIFIC OUTCOME 2

Apply the use of local biological and other available resources according to a Permaculture Site Des

SPECIFIC OUTCOME 3

Apply ecological processes and cycles according to plans outlined in a Permaculture Design.

SPECIFIC OUTCOME 4

Apply sustainable living practices as outlined in a Permaculture site design.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

139

Implement animal health and bio-security programs

SAQA US ID	UNIT STANDARD TITLE		
116308	Implement animal health and bio-security programs		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Supervise animal disease prevention and ensure correct practices are in place.

SPECIFIC OUTCOME 2

Ensure that basic clinical examination is done correctly.

SPECIFIC OUTCOME 3

Ensure correct dosage rates and calibrate and use instruments correctly.

SPECIFIC OUTCOME 4

Ensure that vaccination and treatment are done correctly.

SPECIFIC OUTCOME 5

Ensure that pre-planned programmes are carried out.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

140

Implement dairy production operations

SAQA US ID	UNIT STANDARD TITLE		
116310	Implement dairy production operations		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Demonstrate knowledge of milking theory.

SPECIFIC OUTCOME 2

Demonstrate knowledge of the principles of hygiene.

SPECIFIC OUTCOME 3

Demonstrate a knowledge of milk cooling devices.

SPECIFIC OUTCOME 4

Demonstrate the ability to critically assess parlour records and make basic operational decisions fr

SPECIFIC OUTCOME 5

Evaluate cause of tainted milk and take remedial action.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

141

Implement integrated farm layout and site selection

SAQA US ID	UNIT STANDARD TITLE		
116309	Implement integrated farm layout and site selection		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Prepare and categorise collected and recorded information in an agricultural environment to support

SPECIFIC OUTCOME 2

Demonstrate the ability to identify high and low yield potential areas according to a range of land

SPECIFIC OUTCOME 3

Organise and plan infrastructure maintenance tasks related to the natural resource base of a farm, i

SPECIFIC OUTCOME 4

Demonstrate the ability to monitor and maintain sustainability-based farm layout innovations that ha



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

144

Manage organic certification and internal control systems

SAQA US ID	UNIT STANDARD TITLE		
116306	Manage organic certification and internal control systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	5

Specific Outcomes:

SPECIFIC OUTCOME 1

Analyse national agricultural markets, and the factors that affect organic prices at local, provinci

SPECIFIC OUTCOME 2

Be aware of main international market requirements for organic produce.

SPECIFIC OUTCOME 3

Manage preparation for farm inspection and certification processes.

SPECIFIC OUTCOME 4

Interpret the functioning and requirements of Internal Control Systems, and apply these to the manag



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

145

Manage plant manipulation methods of an agricultural crop

SAQA US ID	UNIT STANDARD TITLE		
116305	Manage plant manipulation methods of an agricultural crop		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Interpret a plant manipulation management plan.

SPECIFIC OUTCOME 2

Create and implement a plant manipulation schedule.

SPECIFIC OUTCOME 3

Supervise the implementation of a plant manipulation schedule.

SPECIFIC OUTCOME 4

Maintain appropriate hygiene and health standards.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

146

Manage the quality of the harvesting of animal products

SAQA US ID	UNIT STANDARD TITLE		
116307	Manage the quality of the harvesting of animal products		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Investigate animal product processing systems with regard to quality issues.

SPECIFIC OUTCOME 2

Communicate evaluations and findings regarding processing systems and the quality of harvested animal products.

SPECIFIC OUTCOME 3

Suggest alternative practices or quality control systems that will ensure retention of product quality.

SPECIFIC OUTCOME 4

Maintain systems implemented to ensure animal product quality.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

147

Manage water quality parameters

SAQA US ID	UNIT STANDARD TITLE		
116322	Manage water quality parameters		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Correctly assess, analyze and evaluate water quality data and independently decide on the corrective

SPECIFIC OUTCOME 2

Demonstrate a thorough understanding of the reasons, impacts and implications of specific corrective

SPECIFIC OUTCOME 3

Implement corrective actions related to the quality of water and water quality systems.

SPECIFIC OUTCOME 4

Evaluate the effects of corrective actions or adjustments on the water quality requirements.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

148

Participate in the development and management of an agri business plan

SAQA US ID	UNIT STANDARD TITLE		
116291	Participate in the development and management of an agri business plan		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:

SPECIFIC OUTCOME 1

Demonstrate an understanding of the general management functions within an agri-business.

SPECIFIC OUTCOME 2

Use a systems approach to structure an agri-business plan.

SPECIFIC OUTCOME 3

Structure a rolling agri-business plan.

SPECIFIC OUTCOME 4

Structure an agri supply chain to optimise the production to marketing flow.

SPECIFIC OUTCOME 5

Implement an information system as planning and management support.

SPECIFIC OUTCOME 6

Demonstrate an understanding of and implement risk planning within the monitoring process.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

149

Participate in the development and management of an agricultural marketing plan

SAQA US ID	UNIT STANDARD TITLE		
116684	Participate in the development and management of an agricultural marketing plan		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Structure a marketing plan using a systems approach.

SPECIFIC OUTCOME 2

Structure a rolling marketing plan for a specific agricultural commodity.

SPECIFIC OUTCOME 3

Structure a risk plan to accommodate variable and uncertainties in a marketing plan for a specific a

SPECIFIC OUTCOME 4

Monitor the marketing plan and apply remedial actions.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

150

Plan and maintain breeding systems

SAQA US ID	UNIT STANDARD TITLE		
116318	Plan and maintain breeding systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Explain and understand the basic genetic principles pertaining to farm animals.

SPECIFIC OUTCOME 2

Plan and maintain breeding systems for farm animals.

SPECIFIC OUTCOME 3

Compare and understand the different breeding methods that can be applied to farm animals.

SPECIFIC OUTCOME 4

Explain and maintain a breeding management programme for farm animals.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

151

Plan and maintain environmentally sound agricultural processes

SAQA US ID	UNIT STANDARD TITLE		
116320	Plan and maintain environmentally sound agricultural processes		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Primary Agriculture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Plan and maintain sustainable agricultural processes and/or practices taking into account the four c

SPECIFIC OUTCOME 2

Demonstrate broad knowledge of the processes of the environment.

SPECIFIC OUTCOME 3

Apply practical and efficient natural resource use in an agricultural context.

SPECIFIC OUTCOME 4

Understand sustainable agriculture.

SPECIFIC OUTCOME 5

Identify and use environmental indicators



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

152

Prepare a whole farm budget and establish a proper integrated information system for an agri-business

SAQA US ID	UNIT STANDARD TITLE		
116319	Prepare a whole farm budget and establish a proper integrated information system for an agri-business		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Primary Agriculture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:

SPECIFIC OUTCOME 1

Prepare an integrated whole farm budget.

SPECIFIC OUTCOME 2

Utilise sensitive analysis (what-if functions) to determine the economic and financial viability of

SPECIFIC OUTCOME 3

Develop an information system for a commercially driven agri-business.

SPECIFIC OUTCOME 4

Utilise the information system to generate managerial information for improved decision-making.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

153

Procure and manage agricultural input

SAQA US ID		UNIT STANDARD TITLE	
116321		Procure and manage agricultural input	
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Check, receive and store a range of agricultural inputs appropriately.

SPECIFIC OUTCOME 2

Check updated records and identifies shortcomings where applicable.

SPECIFIC OUTCOME 3

Order stock and process payment.

SPECIFIC OUTCOME 4

Schedule the re-ordering of agricultural inputs.

SPECIFIC OUTCOME 5

Issue various agricultural inputs from stores timely to prevent deterioration, spoilage and waste.

SPECIFIC OUTCOME 6

Enforce legislation regarding handling and storage of agricultural inputs.

SPECIFIC OUTCOME 7

Inspect and organise maintenance of equipment facilities and infrastructure.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

154

Produce crop in a hydroponic system

SAQA US ID	UNIT STANDARD TITLE		
116314	Produce crop in a hydroponic system		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	4

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify the properties of various growing media, for their use different hydroponic production; cont

SPECIFIC OUTCOME 2

Prepare fertilizer / nutrient solution as per instructions.

SPECIFIC OUTCOME 3

Monitor PH and EC of the fertilizer solution.

SPECIFIC OUTCOME 4

Identify the characteristics of the hydroponic operation structure.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

155

Propagate plants in a variety of situations

SAQA US ID	UNIT STANDARD TITLE		
116316	Propagate plants in a variety of situations		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Recognise and use propagation structures, facilities and materials under supervision and do problem

SPECIFIC OUTCOME 2

Propagate a variety of plant types using different asexual methods.

SPECIFIC OUTCOME 3

Experiment with different types of propagation media and environment.

SPECIFIC OUTCOME 4

Establish a process for the post propagation activities.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

156

Recognise agri/ecotourism within the strategic environment

SAQA US ID	UNIT STANDARD TITLE		
116315	Recognise agri/ecotourism within the strategic environment		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	5

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify the strengths of the Agri/Ecotourism venture as part of the strategic plan.

SPECIFIC OUTCOME 2

Identify the weaknesses of the Agri/Ecotourism venture as part of the strategic plan.

SPECIFIC OUTCOME 3

Identify the opportunities of the Agri/Ecotourism venture as part of the strategic plan.

SPECIFIC OUTCOME 4

Identify the threats of the Agri/Ecotourism venture as part of the strategic plan.

SPECIFIC OUTCOME 5

Maintain, appraise and make recommendations on success factors within the strategic plan towards man



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

157

Schedule the operation and maintenance of irrigation systems

SAQA US ID	UNIT STANDARD TITLE		
116317	Schedule the operation and maintenance of irrigation systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 4	3

Specific Outcomes:**SPECIFIC OUTCOME 1**

Install an irrigation system.

SPECIFIC OUTCOME 2

Maintain and evaluate an irrigation system.

SPECIFIC OUTCOME 3

Efficiently operate an irrigation system.

SPECIFIC OUTCOME 4

Collate data pertaining to the long-term efficient management of an irrigation system.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

160

Apply and plan animal nutrition

SAQA US ID	UNIT STANDARD TITLE		
116430	Apply and plan animal nutrition		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	12

Specific Outcomes:

SPECIFIC OUTCOME 1

Nutrition Theory: Understand the metabolism of nutrient components and factors influencing it.

SPECIFIC OUTCOME 2

Nutrition Theory: Understand the principles of qualifying nutrient requirements.

SPECIFIC OUTCOME 3

Nutrition Theory: Understand evaluation criteria for feed ingredients.

SPECIFIC OUTCOME 4

Nutrition Theory: Understand and apply feed formulation principles.

SPECIFIC OUTCOME 5

Nutrition Theory: Calculate feeding levels for different animal species and categories.

SPECIFIC OUTCOME 6

Feed Technology: Understand and determine quality control and corrective measures in feed conservation.

SPECIFIC OUTCOME 7

Feed Technology: Interpret analysis, supply and availability of ingredients and feeds in animal main

SPECIFIC OUTCOME 8

Nutrition Management: Interpret feed evaluation results for use in animal production and feed flow m



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

161

Apply integrated pest management principles

SAQA US ID	UNIT STANDARD TITLE		
116429	Apply integrated pest management principles		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Supervise the monitoring, trapping and recording of pest, disease and/or weed information for the de

SPECIFIC OUTCOME 2

Collate the data for the use in an integrated management plan.

SPECIFIC OUTCOME 3

Implement an integrated pest, disease and weed management plan.

SPECIFIC OUTCOME 4

Assist with data management for the auditing towards certification for Good Agricultural Practices s



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

162

Describe biological processes in plant physiology

SAQA US ID	UNIT STANDARD TITLE			
116431	Describe biological processes in plant physiology			
SGB NAME		ABET BAND	PROVIDER NAME	
SGB Primary Agriculture		Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION		
Agriculture and Nature Conservation		Primary Agriculture		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5		9

Specific Outcomes:

SPECIFIC OUTCOME 1

Explain the role of carbon compounds in cells and describe the ground rules of metabolism.

SPECIFIC OUTCOME 2

Explain the movement of water and solutes within a plant.

SPECIFIC OUTCOME 3

Describe the biochemistry of the energy acquiring pathways of a plant (photosynthesis).

SPECIFIC OUTCOME 4

Understand the energy releasing pathways (respiration) and its role in the plant.

SPECIFIC OUTCOME 5

Demonstrate knowledge of the different hormones and the role they play in the growth and development

SPECIFIC OUTCOME 6

Describe plant responses to the environment.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

163

Design a natural resource management plan

SAQA US ID	UNIT STANDARD TITLE		
116425	Design a natural resource management plan		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Design integrated natural resource management practices and plans to combat and prevent environmental

SPECIFIC OUTCOME 2

Introduce innovative natural resource management practices to ensure the sustainability of an agricu

SPECIFIC OUTCOME 3

A natural resource management strategic plan for a farm is developed and/or updated.

SPECIFIC OUTCOME 4

Manage preventative and control measures according to a management plan.

SPECIFIC OUTCOME 5

Determine company/farm policy on natural resource management.

SPECIFIC OUTCOME 6

Assist in the development of area wide planning and local government structures and policies.

SPECIFIC OUTCOME 7

Demonstrate an in-depth knowledge of natural resource management practices and principles.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

164

Develop a production and strategic plan for the agricultural business

SAQA US ID	UNIT STANDARD TITLE		
116426	Develop a production and strategic plan for the agricultural business		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	11

Specific Outcomes:

SPECIFIC OUTCOME 1

Gather intelligence, information and data related to production processes, technology and markets in

SPECIFIC OUTCOME 2

Evaluate the influence that market trends have on the production process in the agricultural business

SPECIFIC OUTCOME 3

Evaluate the influence that technology has on the production process in the agricultural business en

SPECIFIC OUTCOME 4

Develop a production plan.

SPECIFIC OUTCOME 5

Develop and implement a strategic plan.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

165

Develop a propagation plan for any agricultural production system

SAQA US ID	UNIT STANDARD TITLE		
116427	Develop a propagation plan for any agricultural production system		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	9

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify the appropriate propagation environment for specific categories of crops.

SPECIFIC OUTCOME 2

Do basic tissue culture.

SPECIFIC OUTCOME 3

Develop a plan for different propagation processes within the agricultural systems appropriate to sp

SPECIFIC OUTCOME 4

Identify reasons for failure of propagated material / Identify problems that may be encountered with



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

166

Develop and implement a food safety and quality management system in an agricultural supply chain

SAQA US ID	UNIT STANDARD TITLE		
116419	Develop and implement a food safety and quality management system in an agricultural supply chain		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Primary Agriculture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	7

Specific Outcomes:**SPECIFIC OUTCOME 1**

Analyse existing food safety and quality management systems in the agricultural environment.

SPECIFIC OUTCOME 2

Correctly interpret current market requirements in the agricultural supply chain.

SPECIFIC OUTCOME 3

Develop a food safety and quality management system to meet market requirements within the agricultu

SPECIFIC OUTCOME 4

Implement and manage a food safety and quality management system in the agricultural supply chain.

SPECIFIC OUTCOME 5

Evaluate, take corrective action and make improvements to ensure the effectiveness / efficiency of t

SPECIFIC OUTCOME 6

Design a traceability system for operational efficiency in the agricultural supply chain.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

167

Develop and implement plant manipulation methods

SAQA US ID	UNIT STANDARD TITLE		
116409	Develop and implement plant manipulation methods		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Maintain the efficiency use of appropriate tools / equipment for pre-determined manipulation method.

SPECIFIC OUTCOME 2

Incorporate framework development principles as part of plant manipulation methods if appropriate.

SPECIFIC OUTCOME 3

Analyse existing and optimise manipulation flower and fruit manipulation principles.

SPECIFIC OUTCOME 4

Plan the implementation of the pruning principles as vegetative plant manipulation methods appropriate.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

168

Develop and manage a data collection plan to support an agricultural enterprise

SAQA US ID	UNIT STANDARD TITLE		
116412	Develop and manage a data collection plan to support an agricultural enterprise		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	4

Specific Outcomes:

SPECIFIC OUTCOME 1

Select appropriate experimental designs as required by the agricultural enterprise.

SPECIFIC OUTCOME 2

Manage the implementation of data collection plans.

SPECIFIC OUTCOME 3

Interpret data collection reports and make recommendations based on findings.

SPECIFIC OUTCOME 4

Manage a data gathering team.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

169

Develop suitable irrigation systems

SAQA US ID	UNIT STANDARD TITLE		
116414	Develop suitable irrigation systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select an appropriate irrigation system.

SPECIFIC OUTCOME 2

Efficiently and cost effectively manage an extended irrigation operation.

SPECIFIC OUTCOME 3

Implement appropriate task related technology in the irrigated agricultural environment (scheduling/

SPECIFIC OUTCOME 4

Manage appropriate seasonal/year irrigation related work programmes with reference to crop water req

SPECIFIC OUTCOME 5

Recommend a safety, servicing and replacement policy of all irrigation systems with reference to exp

SPECIFIC OUTCOME 6

Ensure that all irrigation practices are environmentally sensitive (e.g. Eurepgap and related Agreem



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

170

Develop, implement and manage a permaculture site design

SAQA US ID	UNIT STANDARD TITLE		
116405	Develop, implement and manage a permaculture site design		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Optimise site resources and productivity by integrating elements on a specific site.

SPECIFIC OUTCOME 2

Maximise the use of local biotic and abiotic resources on a specific site.

SPECIFIC OUTCOME 3

Integrate ecological processes and cycles on a specific site.

SPECIFIC OUTCOME 4

Integrate sustainable living practices into the plans for a specific site.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

171

Dissect animals

SAQA US ID	UNIT STANDARD TITLE		
116399	Dissect animals		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	5

Specific Outcomes:**SPECIFIC OUTCOME 1**

Demonstrate the use and understanding of humane animal killing techniques and methods.

SPECIFIC OUTCOME 2

Demonstrate the use and understanding of how to use dissection equipment and implements.

SPECIFIC OUTCOME 3

Demonstrate knowledge of what is to be dissected.

SPECIFIC OUTCOME 4

Demonstrate knowledge of how to dissect a specific animal.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

172

Effective and responsible control of problem animals

SAQA US ID	UNIT STANDARD TITLE		
116402	Effective and responsible control of problem animals		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:

SPECIFIC OUTCOME 1

Identify the natural behaviour of problem animals causing erosion.

SPECIFIC OUTCOME 2

Distinguish between various control practices applied to problem animals causing erosion on farms.

SPECIFIC OUTCOME 3

Selection of the relevant control practices for controlling various problem animals causing erosion

SPECIFIC OUTCOME 4

Identify post control practices of problem animals.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

173

Evaluate and coordinate area wide sustainable wild flower harvesting

SAQA US ID		UNIT STANDARD TITLE	
116398		Evaluate and coordinate area wide sustainable wild flower harvesting	
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Demonstrate a detailed knowledge of sustainable harvesting practises and ecosystem sustainability.

SPECIFIC OUTCOME 2

Recommend compliance procedures to landowners and contractors.

SPECIFIC OUTCOME 3

Input into relevant legislation and policy reform.

SPECIFIC OUTCOME 4

Develop appropriate training programs and manage a regional harvesting plan, incorporating habitat m

SPECIFIC OUTCOME 5

Inform landowners of market and industry trends.

SPECIFIC OUTCOME 6

Manage and evaluate spatial and non-spatial data on a regional scale to support and promote best pra



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

174

Evaluate animal anatomy and physiology systems

SAQA US ID	UNIT STANDARD TITLE		
116388	Evaluate animal anatomy and physiology systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify and understand the structures, composition, physical, bio-chemical and biological component

SPECIFIC OUTCOME 2

Identify, understand and evaluate symptomatic variations and abnormalities within living animals, in

SPECIFIC OUTCOME 3

Utilise the knowledge about animal anatomy, morphology and physiology to determine opportunities for

SPECIFIC OUTCOME 4

Utilise the knowledge about animal anatomy, morphology and physiology to create and develop animal p



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

175

Evaluate animal health systems

SAQA US ID	UNIT STANDARD TITLE		
116393	Evaluate animal health systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Evaluate the health of animals.

SPECIFIC OUTCOME 2

Develop, implement and maintain animal disease prevention and management procedures.

SPECIFIC OUTCOME 3

Develop, implement and maintain disease treatment and management procedures.

SPECIFIC OUTCOME 4

Assist with the development of animal disease prevention and treatment and production systems.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

176

Harvest animal products: animal products systems

SAQA US ID	UNIT STANDARD TITLE			
116390	Harvest animal products: animal products systems			
SGB NAME		ABET BAND	PROVIDER NAME	
SGB Primary Agriculture		Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION		
Agriculture and Nature Conservation		Primary Agriculture		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5		9

Specific Outcomes:**SPECIFIC OUTCOME 1**

Understand and identify all principles related to animal product production.

SPECIFIC OUTCOME 2

Identify and understand animal production systems and the effects of harvesting animal products on t

SPECIFIC OUTCOME 3

Identify and utilise opportunities in the animal product production environment that will allow the

SPECIFIC OUTCOME 4

Understand and implement processes and systems that will allow for the harvesting and processing of

SPECIFIC OUTCOME 5

Identify, understand and implement specific management of animals to produce products of constant qu



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

177

Implement and manage human resource and labour relations policies and acts

SAQA US ID	UNIT STANDARD TITLE		
116394	Implement and manage human resource and labour relations policies and acts		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	9

Specific Outcomes:**SPECIFIC OUTCOME 1**

Be responsible for the development and maintenance of effective human resource policies and practice

SPECIFIC OUTCOME 2

Be responsible for the drafting of job descriptions, recruitment, selection panels, and employment c

SPECIFIC OUTCOME 3

Be responsible for the institute and facilitation of disciplinary policies, actions and hearings.

SPECIFIC OUTCOME 4

Develop, facilitate and monitor disciplinary policy, process and procedures.

SPECIFIC OUTCOME 5

Institute performance evaluation committees and manage the performance evaluation process.

SPECIFIC OUTCOME 6

Participate in the implementation of applicable labour legislation.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

178

Integrate sustainable breeding and selection methods

SAQA US ID	UNIT STANDARD TITLE		
116385	Integrate sustainable breeding and selection methods		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:

SPECIFIC OUTCOME 1

Integrate advanced breeding practices into a breeding management programme.

SPECIFIC OUTCOME 2

Combine advanced selection methods into a breeding management programme.

SPECIFIC OUTCOME 3

Incorporate the use of fertility and pregnancy diagnosis into a breeding management programme.

SPECIFIC OUTCOME 4

Develop and manage a sustainable breeding management programme.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

179

Integrate sustainable systems into planning and management processes

SAQA US ID	UNIT STANDARD TITLE		
116387	Integrate sustainable systems into planning and management processes		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Demonstrate understanding of "hard" (biophysical) and "soft" (human) systems.

SPECIFIC OUTCOME 2

Demonstrate an understanding of the concept of sustainability as a trade-off between productivity and

SPECIFIC OUTCOME 3

Use the systems approach to design interactive soil, plant and animal management.

SPECIFIC OUTCOME 4

Monitor and re-evaluate sustainability of whole farming systems.

SPECIFIC OUTCOME 5

Develop a comprehensive plan for a whole farming system.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

180

Investigate life threatening hazards when handling animals

SAQA US ID	UNIT STANDARD TITLE		
116381	Investigate life threatening hazards when handling animals		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:

SPECIFIC OUTCOME 1

Understand and identify all principles related to animal behaviour.

SPECIFIC OUTCOME 2

Identify and understand animal behaviour systems and the effects of inappropriate management on the

SPECIFIC OUTCOME 3

Identify and utilise resources that will allow the safe containment and shelter of animals.

SPECIFIC OUTCOME 4

Understand and implement processes and systems that will show an understanding of the causes and eff

SPECIFIC OUTCOME 5

Identify, understand and implement specific management systems to allow for safe animal management

SPECIFIC OUTCOME 6

Develop and manage programmes that cater for the treatment of injured animals and their human manage



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

181

Manage a hydroponic production unit

SAQA US ID	UNIT STANDARD TITLE		
116383	Manage a hydroponic production unit		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Demonstrate a thorough understanding of the hydroponic production environment.

SPECIFIC OUTCOME 2

Demonstrate a thorough understanding of crop's fertilization requirements..



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

182

Manage an input chain

SAQA US ID	UNIT STANDARD TITLE		
116382	Manage an input chain		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	6

Specific Outcomes:

SPECIFIC OUTCOME 1

Plan the flow chain of agricultural inputs.

SPECIFIC OUTCOME 2

Implement a plan on the flow of agricultural inputs.

SPECIFIC OUTCOME 3

Schedule Human Resources to attend to inputs.

SPECIFIC OUTCOME 4

Evaluate and resolve eventualities that emerge during the flow of agricultural inputs.

SPECIFIC OUTCOME 5

Give accurate reports on the agricultural input flow chain.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

183

Manage and control resources in a sustainable manner

SAQA US ID	UNIT STANDARD TITLE		
116384	Manage and control resources in a sustainable manner		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	5

Specific Outcomes:**SPECIFIC OUTCOME 1**

Modify and/or re-design appropriate equipment and implements to execute a specific agricultural task

SPECIFIC OUTCOME 2

Identify and set specifications for equipment / implements that will be suitable for a specific task

SPECIFIC OUTCOME 3

Develop a maintenance and storage plan for implements, equipment and infrastructure.

SPECIFIC OUTCOME 4

Develop and implement safety policies and regulations.

SPECIFIC OUTCOME 5

Develop appropriate task-related technology in the agricultural environment.

SPECIFIC OUTCOME 6

Design and manage an appropriate seasonal and/or year work program with reference to equipment, impl

SPECIFIC OUTCOME 7

Draft a replacement policy with reference to expenditure implications.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

184

Manage dairy production systems

SAQA US ID	UNIT STANDARD TITLE		
116370	Manage dairy production systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:

SPECIFIC OUTCOME 1

Demonstrate planning and budgeting processes relative to Dairy Production.

SPECIFIC OUTCOME 2

Direct operations in the milking parlour.

SPECIFIC OUTCOME 3

Manage the herd production cycle.

SPECIFIC OUTCOME 4

Manage the feeding programme.

SPECIFIC OUTCOME 5

"Trouble shoot" and take corrective action.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

185

Manage hive placement and bee pollination

SAQA US ID	UNIT STANDARD TITLE		
116372	Manage hive placement and bee pollination		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	2

Specific Outcomes:**SPECIFIC OUTCOME 1**

Understand and identify the botanical systems of agricultural and environmental plants related to re

SPECIFIC OUTCOME 2

Identify and understand plant production systems and the effects of bees on production and the subse

SPECIFIC OUTCOME 3

Identify and utilise opportunities in the plant production environment that will allow the placement

SPECIFIC OUTCOME 4

Understand and implement the logistical systems related to pollination services.

SPECIFIC OUTCOME 5

Identify, understand and implement specific management of bees to effect efficient and effective pol



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

186

Manage soil systems

SAQA US ID	UNIT STANDARD TITLE		
116371	Manage soil systems		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:

SPECIFIC OUTCOME 1

Interpret soil and leaf analysis and make appropriate nutrient application recommendations.

SPECIFIC OUTCOME 2

Optimise soil utilization plan according to crop and soil requirements.

SPECIFIC OUTCOME 3

Keep all records regarding soil properties and use to build a database for future reference.

SPECIFIC OUTCOME 4

Design a soil systems management strategy.

SPECIFIC OUTCOME 5

Create and implement a database for soil management.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

187

Manage the harvesting process of agricultural crops

SAQA US ID	UNIT STANDARD TITLE		
116373	Manage the harvesting process of agricultural crops		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Investigate new tools / equipment and methods of harvesting to compliment existing plan and procedur

SPECIFIC OUTCOME 2

Manage the maturity-indexing (MI) process and decide on procedures.

SPECIFIC OUTCOME 3

Manage the harvesting of crops according to specified market needs and logistics.

SPECIFIC OUTCOME 4

Manage the health, hygiene and safety plan according to GAP.

SPECIFIC OUTCOME 5

Manage the disposal of waste according to specified procedures in accordance with good agricultural

SPECIFIC OUTCOME 6

Manage the care and maintenance of equipment used.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

188

Optimise and integrate various farming systems and trends within related enterprises

SAQA US ID	UNIT STANDARD TITLE		
116337	Optimise and integrate various farming systems and trends within related enterprises		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	11.

Specific Outcomes:**SPECIFIC OUTCOME 1**

Optimise and integrate the natural resources required for the relevant farming systems and enterpris

SPECIFIC OUTCOME 2

Plan and optimise infrastructural requirements for the relevant enterprise system.

SPECIFIC OUTCOME 3

Optimise and maintain stock required for the relevant enterprises.

SPECIFIC OUTCOME 4

Innovate and plan production systems within relevant enterprises.

SPECIFIC OUTCOME 5

Plan and maintain harvest system within relevant farming systems and enterprises.

SPECIFIC OUTCOME 6

Plan and maintain post harvest systems within relevant farming enterprise.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

189

Optimise water quality

SAQA US ID	UNIT STANDARD TITLE		
116369	Optimise water quality		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Develop, design and optimize water quality systems.

SPECIFIC OUTCOME 2

Demonstrate an ability to devise solutions to water quality management problems.

SPECIFIC OUTCOME 3

Demonstrate a thorough ability to maintain and calibrate all monitoring and adjusting equipment.

SPECIFIC OUTCOME 4

Demonstrate a thorough ability to manage infrastructure related to water quality systems.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

190

Plan a farm and select a site

SAQA US ID	UNIT STANDARD TITLE		
116324	Plan a farm and select a site		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	9

Specific Outcomes:

SPECIFIC OUTCOME 1

Identify and use appropriate technology to determine sustainable farm layout and infrastructure plac

SPECIFIC OUTCOME 2

Identify relevant service providers who can render specific services.

SPECIFIC OUTCOME 3

Research information relevant to the natural resources of a site.

SPECIFIC OUTCOME 4

Implement necessary conservation and natural resource management and harvesting practices.

SPECIFIC OUTCOME 5

Apply the principles of sustainability in terms of the layout and infrastructure placement in an agr



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

191

The effective and responsible arial application of agrochemical products

SAQA US ID	UNIT STANDARD TITLE		
116328	The effective and responsible arial application of agrochemical products		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	14

Specific Outcomes:**SPECIFIC OUTCOME 1**

Demonstrate an understanding of the principles of aerial application of agrochemical products.

SPECIFIC OUTCOME 2

Explain legal and regulatory aspects of aerial application of agrochemical products.

SPECIFIC OUTCOME 3

Analyse and evaluate the spraying performance of the aircraft and implement the necessary technology.

SPECIFIC OUTCOME 4

Demonstrate an understanding of and implement effective and responsible flying skills.

SPECIFIC OUTCOME 5

Manage effective and responsible preparation of spray mixture.

SPECIFIC OUTCOME 6

Deal with emergencies.

SPECIFIC OUTCOME 7

Perform post-operational practices.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

192

The optimisation of agri / ecotourism strenghts and opportunities and negation of threats and weaknesses

SAQA US ID	UNIT STANDARD TITLE		
116327	The optimisation of agri / ecotourism strenghts and opportunities and negation of threats and weaknesses		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	6

Specific Outcomes:

SPECIFIC OUTCOME 1

Collate strategic inputs from all relevant information sources into an integrated strategic/business

SPECIFIC OUTCOME 2

Disseminate action plan(s) to the operational level of the Agri/Ecotourism business.

SPECIFIC OUTCOME 3

Implement the action plans.

SPECIFIC OUTCOME 4

Monitor and evaluate the strategic plan for all components in successful Agri/Ecotourism business.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

193

Understand juvenile animal rearing practices

SAQA US ID	UNIT STANDARD TITLE		
116336	Understand juvenile animal rearing practices		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 5	8

Specific Outcomes:

SPECIFIC OUTCOME 1

Demonstrate full understanding of use and care or maintenance of all equipment used in the nursery.

SPECIFIC OUTCOME 2

Demonstrate the ability to plan and integrate systems to effect juvenile animal rearing.

SPECIFIC OUTCOME 3

Posses a detailed knowledge of the biology of the species including reproduction.

SPECIFIC OUTCOME 4

Have complete knowledge of the feeding requirements of the juvenile animal species.

SPECIFIC OUTCOME 5

Have full knowledge of and follow strict procedures for the rearing phases and be able to trouble sh

SPECIFIC OUTCOME 6

Know and apply correct hygiene procedures for the whole facility.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

194

Effective and responsible advice, recommendation and sale of agrochemical products

SAQA US ID	UNIT STANDARD TITLE		
116400	Effective and responsible advice, recommendation and sale of agrochemical products		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Primary Agriculture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Primary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-PAG-0-SGB PA	Regular	Level 6	12

Specific Outcomes:**SPECIFIC OUTCOME 1**

Advise on the management of an agrochemical storing facility.

SPECIFIC OUTCOME 2

Classify and categorise insects, pests and weeds affecting the agricultural enterprise or assist with

SPECIFIC OUTCOME 3

Apply an in-depth knowledge of integrated pest management (IPM).

SPECIFIC OUTCOME 4

Apply an in-depth knowledge on the different methods of product application and the identification of

SPECIFIC OUTCOME 5

Execute post-application monitoring.

SPECIFIC OUTCOME 6

Advise on environmental and community considerations.

SPECIFIC OUTCOME 7

Make effective, economical, responsible and legal recommendations on product selection and use.

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