

**PLANT PRODUCTION MODULES NQF 5**

MODULE NAME	MODULE / BOOK #	LEARNING UNIT	C, F, E	US	TITLE
Planning a farming enterprise	Module 1	1	C	<a href="#">116324</a>	Plan a farm and select a site
		2	C	<a href="#">116337</a>	Optimise and integrate various farming systems and trends within related enterprises
		3	F	<a href="#">116387</a>	Integrate sustainable systems into planning and management processes
		4	C	<a href="#">116425</a>	Design a natural resource management plan
		5	C	<a href="#">116426</a>	Develop a production and strategic plan for the agricultural business
		6	C	<a href="#">116427</a>	Develop a propagation plan for any agricultural production system
		7	E	<a href="#">116327</a>	The optimisation of agri / ecotourism strengths and opportunities and negation of threats and weaknesses
Business and management practices	Module 2	1	C	<a href="#">10050</a>	Integrate marketing plans with business process
		2	C	<a href="#">116394</a>	Implement and manage human resource and labour relations policies and acts
		3	C	<a href="#">116428</a>	Analyse and interpret the financial statements and physical records in an agri-business to generate managerial information
		4	C	<a href="#">116382</a>	Manage an input chain
		5	C	<a href="#">116384</a>	Manage and control resources in a sustainable manner
		6	C	<a href="#">116419</a>	Develop and implement a food safety and quality management system in an agricultural supply chain
		7	C	<a href="#">116409</a>	Develop and implement plant manipulation methods
		8	C	<a href="#">116414</a>	Develop suitable irrigation systems
		9	E	<a href="#">116405</a>	Develop, implement, and manage a permaculture site design – (research assignment)
Pest control and chemical handling	Module 3	1	C	<a href="#">116429</a>	Apply integrated pest management principles
		2	E	<a href="#">116400</a>	Effective and responsible advice, recommendation, and sale of agrochemical products
		3	E	<a href="#">116328</a>	The effective and responsible aerial application of agrochemical products
Plant production and harvesting	Module 4	1	C	<a href="#">116369</a>	Optimise water quality
		2	C	<a href="#">116371</a>	Manage soil systems
		3	C	<a href="#">116373</a>	Manage the harvesting process of agricultural crops
		4	E	<a href="#">116383</a>	Manage a hydroponic production unit
		5	C	<a href="#">116431</a>	Describe biological processes in plant physiology
Mathematics and data collection	Module 5	1	F	<a href="#">7466</a>	Represent and operate on complex numbers in non-trivial situations
		2	F	<a href="#">7468</a>	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues
		3	F	<a href="#">7470</a>	Work with a wide range of patterns and inverses of functions and solve related problems
		4	F	<a href="#">7483</a>	Solve problems involving sequences and series in real and simulated situations
		5	F	<a href="#">116412</a>	Develop and manage a data collection plan to support an agricultural enterprise
		6	F	<a href="#">12417</a>	Measure, estimate & calculate physical quantities & explore, critique & prove geometrical relationships in 2 and 3-dimensional space in the life and workplace of adult with increasing responsibilities
Communication	Module 6	1	F	<a href="#">119462</a>	Engage in sustained oral/signed communication and evaluate spoken/signed texts
		2	F	<a href="#">119469</a>	Read/view, analyse and respond to a variety of texts
		3	F	<a href="#">119459</a>	Write/present/sign for a wide range of contexts
		4	F	<a href="#">119471</a>	Use language and communication in occupational learning programmes