

Module Title:	Organic Dairy Production	
Language of Instruction:	English	
Credits:	5	
NFQ Level:	8	
Module Delivered In	<a href="#">1 programme(s)</a>	
Teaching & Learning Strategies:	Formal lectures will be complemented by practical field sessions, guest lectures, and site visits to organic food producers. This will allow for a balance of theory and hands on learning activities and expose the student to a variety of production systems. Classroom activities will focus on the key performance indicators for the system, maintenance of animal productivity and the interaction between the animal, plant, and soil. Where appropriate, case studies and site visits will be used to give the students insights into both mainstream dairy processing of organic milk as well as the production and marketing of artisan dairy products.	
Module Aim:	The module will focus on the key performance indicators that underpin the sustainability of dairy production on organic farms. This will include dairy production from species such as buffalo, goats and sheep that align to more artisan dairy products as well as the more main stream dairy products from cows milk. Students will examine different breeds and specie choice that are most suitable to the farm system / land type available. Performance monitoring on farms and examining the interaction between the animal, plant, and soil in maintaining the sustainability of the system will also be examined. A further aim of this module will be to explore the options for the marketing of dairy products to the consumer.	
Learning Outcomes		
On successful completion of this module the learner should be able to:		
LO1	Demonstration of a detailed understanding of organic dairy production from dairy cows including; breed choice for the farm system, nutritional and reproductive management of the animal.	
LO2	Demonstrate a detailed understanding of organic dairy production from other species including sheep and goats, the stability of these small ruminants to dairy production on various land types, and their role in artisan dairy production	
LO3	Be capable of providing on farm advice to farmers on how they can meet the animal quality specifications set by processors	
LO4	Demonstrate a detailed understanding of the direct marketing of organic dairy products including the legislative environment for small food processors.	
Pre-requisite learning		
Module Recommendations		
This is prior learning (or a practical skill) that is recommended before enrolment in this module.		
10784	AGRI C1701	Animal Production in Organic Farming
Incompatible Modules		
These are modules which have learning outcomes that are too similar to the learning outcomes of this module.		
No incompatible modules listed		
Co-requisite Modules		
No Co-requisite modules listed		
Requirements		
This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.		
No requirements listed		

## Module Content & Assessment

### Indicative Content

#### Dairy Production from Cow

This module covers dairy production as it applies on organic farms. Different production systems will be explored including dairy from cattle, sheep, and goats. Learners will gain a detailed insight to dairy production on organic farms including the key management requirements for each system.

#### Dairy Processing and Products

Learners will gain an insight to the production of dairy products for the domestic and international market. This will include the production of dairy produce on a small scale e.g., farm house cheese.

#### Nutritional Quality of the Animal Product

The effect of management practices on dairy quality will be discussed in the context of organics. This will include how species rich forages can enhance the system from an animal health perspective

Assessment Breakdown	%
Continuous Assessment	40.00%
Practical	10.00%
End of Module Formal Examination	50.00%

### Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Written Report	Students are to complete a written report on a concept relating to dairy production. The report must summarise the findings in a farmer facing format.	1,2,3,4	20.00	n/a
Reflective Journal	Students are to complete a report on a site visit to a food processor summarising their main learnings.	1,2,4	10.00	n/a
Reflective Journal	Students are to complete a report on a site visit to an artisan food processor summarising their main learnings.	1,2,4	10.00	n/a

No Project

### Practical

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Students must complete a quality assurance assessment of an organic dairy farm.	3	10.00	n/a

### End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	Terminal Exam	1,2,3,4	50.00	End-of-Semester

### Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Written Report	Students are to complete a written report on a concept relating to dairy production. The report must summarise the findings in a farmer facing format.	1,2,3,4	20.00	n/a
Written Report	Students are to complete a report on a site visit to a food processor summarising their main learnings.	1,2,4	10.00	n/a
Written Report	Students are to complete a report on a site visit to an artisan food processor summarising their main learnings.	1,2,4	10.00	n/a

No Project

### Practical

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Students must complete a quality assurance assessment of an organic dairy farm.	3	10.00	n/a

End of Module Formal Examination				
<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Formal Exam	Terminal Examination	1,2,3,4	50.00	End-of-Semester

**SETU Carlow Campus reserves the right to alter the nature and timings of assessment**

**Module Workload**

<b>Workload: Full Time</b>		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	2.00
Practicals	12 Weeks per Stage	1.00
Independent Learning Time	12 Weeks per Stage	3.00
Total Hours		72.00

  

<b>Workload: Part Time</b>		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	2.00
Practicals	12 Weeks per Stage	1.00
Independent Learning Time	12 Weeks per Stage	3.00
Total Hours		72.00

**Module Delivered In**

Programme Code	Programme	Semester	Delivery
CW_SWOAG_B	<a href="#">Bachelor of Science (Honours) in Organic Agriculture</a>	8	Group Elective 2