

<b>Module Title:</b>	Organic Field Vegetables Production
<b>Language of Instruction:</b>	English
<b>Credits:</b>	5
<b>NFQ Level:</b>	8
<b>Module Delivered In</b>	<a href="#">1 programme(s)</a>
<b>Teaching &amp; Learning Strategies:</b>	Formal lectures will be accompanied by specific practical, field work, and site visits. This will enable a deeper understanding of theoretical and practical applications examining best practice in the sector. Classroom based theory will concentrate on requirements for field scale organic vegetable production including crop production, management and harvesting techniques. Specialised equipment and machinery requirements will be explored as will market specifications. Practical, field work and site visits will be used to give students insight into a variety of aspects of production at farm and retail level.
<b>Module Aim:</b>	This module aims to examine field scale production of organic vegetables ensuring that the learner is familiar with production techniques, regulatory requirements and specific equipment for field scale crop production. Crop planning, site preparation, fertility and weed control, and market requirements will all form part of the learning in this module.
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Demonstrate a detailed understanding of field scale organic vegetable production.
LO2	Demonstrate knowledge of field scale management techniques including soil cultivation, weeding, and harvesting.
LO3	Illustrate competency in regulatory requirements and specific equipment used in the sector.
LO4	Demonstrate an understanding of production, packaging, storage, and marketing of organic field vegetables.
<b>Pre-requisite learning</b>	
<b>Module Recommendations</b>	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
<b>Incompatible Modules</b>	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
<b>Co-requisite Modules</b>	
No Co-requisite modules listed	
<b>Requirements</b>	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

## Module Content & Assessment

### Indicative Content

#### Crop planning for organic field scale vegetable production

This module explores crop planning and succession cropping for a wide range of crops. Learners will become familiar with suitable crop varieties, organic seed production, seed propagation and raising organic transplants. Open pollinated seed production and seed saving techniques will be incorporated into the learning process. Lectures will be complimented by site visits to commercial field scale operators.

#### Organic production practices

Learners will be exposed to crop production along the complete supply chain. This includes soil cultivation techniques, crop rotation and soil fertility, specialist field scale machinery, pest and disease control, transplanting equipment, weeding techniques and regulatory requirements.

#### Harvesting, storage and marketing organic crops

Learners will examine harvesting and post harvesting requirements to ensure crop viability. Practical aspects of this module will explore harvesting techniques, cold storage facilities and sustainable packaging to enhance the shelf life of organic vegetables. Strategies that develop KPI's for field scale production will be explored. Lectures will be complimented by site visits to appropriate producers supplying into retail multiples and selling direct to consumers to gain practical experience of marketing organic vegetables.

Assessment Breakdown	%
Continuous Assessment	50.00%
End of Module Formal Examination	50.00%

### Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Students are required to outline the farm to fork process for two selected crops encompassing all aspects of production, storage and marketing.	1,2,3,4	50.00	Ongoing

No Project

No Practical

### End of Module Formal Examination

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

### Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Students are required to outline the farm to fork process for two selected crops encompassing all aspects of production, storage and marketing.	1,2,3	50.00	n/a

No Project

No Practical

### End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	Terminal Examination	1,2,3	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>	7	Elective