

# AGRI C4703: Organic Pulse Production

Module Title:		Organic Pulse Production		
Language of Instruction:		English		
Credite:	5			
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NFQ Level:	8			
Module Delivered In		1 programme(s)		
Teaching & Learning Strategies:		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 pulse production including crop production, management and harvesting techniques. Specialised equipment and 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.		
Module Aim:		The module will focus on the key parameters of the agronomy, processing and marketing of a range of organic pulse crops. Students will examine the scope of production in terms of crop rotations, fertility requirements and nutrient composition of various pulse corps. A further aim of this module will be to explore organic pulse production within the wider scope of organic crop production and mixed farming systems.		
Learning Outcomes				
On successful complet	ion of ti	his module the learner should be able to:		
LO1 Demons	trate a	detailed understanding of organic pulse production.		
LO2 Demons crops	trate kn	owledge of field scale management techniques including soil cultivation, weeding, and harvesting of pulse		
LO3 Illustrate	an abil	ity to advise organic farmers about organic pulse production.		
LO4 Demonstrate an opportunities for		understanding of production of organic pulses and other minor arable crops for animal feed, and r production for human consumption.		
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Module Recommenda This is prior learning (c	n <b>tions</b> r a pra	ctical skill) that is recommended before enrolment in this module.		
No recommendations listed				
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				
<b>Requirements</b> This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.				
No requirements listed				



## AGRI C4703: Organic Pulse Production

## **Module Content & Assessment**

### Indicative Content

#### Organic pulse production

The learner will explore the range of pulses that can be grown organically in Ireland. This covers crop specifics such as rotation, nutrition requirements, soil cultivation, sowing, pest and disease monitoring, and weed control. Lectures will be complimented by site visits to appropriate producers and processors.

#### Processing organic pulses

The harvesting, separation, processing, and storage of organic pulses will be explored by students. The integration of pulses into a wider farm system will be examined. Suitable crop varieties and potential new varieties for use in organic farming will be integrated into the module as will evaluation of pulse production in a wider context.

### Marketing organic pulses

The learner will explore the market opportunities for organic pulses. This includes potential market development for organic pulses and other minor crops for human consumption. Nutrient status of pulse crops will be examined to ascertain the value of pulse crops to supply a domestic protein component for animal rations. The incorporation of site visits to complement classroom-based learning will be introduced into the structure of this module.

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 design a crop plan for pulse production for a mixed organic farm.	1,2,3,4	20.00	Ongoing	
Practical/Skills Evaluation	Students will record field sessions including soil analysis, crop growth, pest and disease monitoring.	1,2,3,4	30.00	n/a	

No Project

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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 design a crop plan for pulse production for a mixed organic farm.	1,2,3,4	20.00	n/a
Practical/Skills Evaluation	Students will record field sessions including soil analysis, crop growth, pest and disease monitoring.	1,2,3,4	30.00	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



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# Module Workload

Workload: Full Time				
Workload Type	Frequency	Average Weekly Learner Workload		
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		
Workload: Part Time				

Workload Type	Frequency	Average Weekly Learner Workload
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	Bachelor of Science (Honours) in Organic Agriculture	8	Group Elective 2		