

Full Title:	Cattle Production
Module Code:	PROD S6008
Credits:	5
Valid From:	Semester 1 - 2013/14 (September 2013)
Module Delivered in	2 programme(s)
Module Description:	This module should enable a student to work on his home farm or a commercial cattle farm. It should enable him evaluate and make decisions on re: feeding, breeding and management of cattle. Be able to assess and measure housing and cattle facilities. Be able to perform tasks associated with cattle production at a high level.
Learning Outcomes:	
<i>On successful completion of this module the learner should be able to</i>	
<ol style="list-style-type: none"> 1. Describe the feeding and management of a suckler herd. 2. Evaluate the relevance and importance of grassland in beef production. 3. Compare the main cattle finishing systems. 4. Assess the profitability of various beef systems. 5. Perform tasks associated with cattle production and interpret ICBF breeding information. 6. Describe disease control strategies and examine the code of practice for beef quality assurance schemes. 	

Module Content & Assessment

Indicative Content
<p>Beef industry Cattle populations, suckler herd size. Beef export volumes</p>
<p>Suckler herds Feeding and management of a suckler herd. Calf welfare issues at dehorning, weaning and other associated tasks. Desired cow traits, nutrition and body condition scores. Targets for production and fertility. suckler herd diseases and housing. Mineral supplementation for suckler cows</p>
<p>Grassland management Grassland management for beef production. Targets and performance for cattle at grass</p>
<p>Cattle finishing systems Suckler calf to beef systems. Bull and heifer production systems, summer grazing systems. Nutrition and ingredients for use in cattle finishing diets</p>
<p>Profitability of beef systems Feed budgets for the main beef systems focussing on the market return and profitability at farm level</p>
<p>Beef skills Suckler calf skills, associated cow skills, condition scoring, cattle facilities, ICBF data. Grass budgeting and Spring rotation planner. Cattle weights and carcass quality</p>
<p>Diseases and quality assurance Main diseases of the calf and cow and associated symptoms, preventions and treatments. Code of practice for quality assurance schemes</p>

Assessment Breakdown	%
Course Work	50.00%
End of Module Formal Examination	50.00%

Full Time

Course Work							
Assessment Type	Assessment Description	Outcome addressed	% of total	Marks Out Of	Pass Marks	Assessment Date	Duration
Practical/Skills Evaluation	Beef production practicals	1,2,3,4,5	40.00	0	0	Every Week	0
Continuous Assessment	Class test	4,6	10.00	0	0	Week 7	0

No Project

No Practical

End of Module Formal Examination							
Assessment Type	Assessment Description	Outcome addressed	% of total	Marks Out Of	Pass Marks	Assessment Date	Duration
Formal Exam	End-of-Semester Final Examination	1,2,3,4,6	50.00	0	0	End-of-Semester	0

Reassessment Requirement

A repeat examination
Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.

DKIT reserves the right to alter the nature and timings of assessment

Module Workload & Resources

Workload: Full Time

Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	Cattle and beef production	3.00	Every Week	3.00
Practical	Cattle husbandry	2.00	Every Week	2.00
Directed Reading	n/a	2.00	Every Week	2.00
Independent Study	n/a	2.00	Every Week	2.00
Total Weekly Learner Workload				9.00
Total Weekly Contact Hours				5.00

This course has no Part Time workload.

Resources

Recommended Book Resources

- Moore, M 2012, *Teagasc Beef Manual*, Teagasc
- O' Dwyer, J 2011, *Beef Production Workbook*, Teagasc
- O' Dwyer, J 2011, *Beef and Dairy Skills Workbook*, Teagasc
- O' Dwyer, J 2011, *Crop Production Science Workbook*, Teagasc

Supplementary Book Resources

Mc Donald. et al. 1998, *Animal Nutrition*, 7th Ed., Prentice Hall

Recommended Article/Paper Resources

Teagasc n/a, , *Todays Farm*, Farm Profit monitor

Other Resources

website: www.icbf.com/n/a

website: www.teagasc.ie/n/a

website: www.animalhealthireland.ie/n/a

website: www.fsai.ie/n/a

website: n/a

Link: *Library Catalogue*
<http://tinyurl.com/o2bbkew>

Module Delivered in

Programme Code	Programme	Semester	Delivery
DK_SAGRI_8	Bachelor of Science (Honours) in Agriculture	3	Mandatory
DK_SAGRI_C	Higher Certificate in Science in Agriculture	3	Mandatory