

ROYAL AGRICULTURAL COLLEGE MODULAR SCHEME

<i>Sheet updated: September 2011</i>		
Module Code 4048	Module Title Equine Pasture, Forage and Turf Management	Module Leader Dr Helen Moreton
School which owns module	School of Agriculture	
Programme(s) to which module belongs	MSc Applied Equine Science (core) BSc (Hons) Equine Studies (Honours Year) (elective)	
Module Level 7 (and 6)	Module Credits 7.5	Pre-Requisites None
Minimum Study Time 75 hours	Contact Hours within Study Time 20	Teaching Period October- March
Module Content This module applies a foundation of agricultural and equine research to the use of temperate grasses for equine purposes. The establishment and management of grass and forage legumes for equine grazing, winter forage production and conservation techniques. Grazing behaviour and maintenance of horse paddocks and boundaries. Sports surfaces including race tracks and polo fields. Site visits will occur to illustrate the topics, weather permitting.		
Module Outcomes To achieve credit for this module, students must be able to: <ol style="list-style-type: none"> 1. Demonstrate a critical awareness of the use of knowledge of grasses and forage legumes in the equine industry. 2. Appraise the techniques employed for the establishment and management of pastures and equine sports surfaces, and evaluate their use for different equine enterprises. 3. Give an informed opinion on the options available for producing conserved forages for horses, the nutrient status of the products and appropriate feeding strategies. 4. Give an in depth rationale for the choice of boundary fencing, related to grazing behaviour, suited to different equestrian uses. 		
Assessment	Description	Weighting
Coursework	Seminar presentation (individual)	30%
Examination	Assignment (3,000 words)	70%

Key Texts:

Students should be familiar with the content of at least one of the following:

ADAS. (1994). *Grassland Management for Horses*. ADAS, Guildford.

British Seed Houses. (No date). *Turfgrass Manual*. BSH.

Finch, H.J.S., Samuel, A.M. and Lane, G.F.P. (2002). *Lockhart and Wiseman's Crop Husbandry*. (8th edition). Woodhead Publishing Ltd.

Frape, D. (2010). *Equine Nutrition and Feeding*. (4th edition). Blackwell Science.

Hubbard, J.C.E. (1984). *Grasses*. (3rd revised edition). Penguin.

Journal of Turfgrass Science.

Journal of Grass and Forage Science.

International Turfgrass Bulletin.

<http://www.teagasc.ie/publications/> (2010) Grassland for Horses.