

11.00 Coffee

**Session 5 Health and Welfare**

11.30 Developing farming systems and methods of manufacture to produce dairy products with elevated CLA content

*J.F. Bell et al., SAC*

11.50 Proportion of time spent in different activities when dairy cows are given a choice to be indoors or at pasture

*G. Charlton et al., Harper Adams*

**Session 6 Knowledge Transfer**

12.10 DairyCo approaches to KT

*G.E. Fisher & C.E. Cross, DairyCo*

12.30 Current grassland management on 10 Northern Ireland dairy farms

*A.J. Dale et al., AFBI*

12.50 Lunch

**Farm Visit Cantlop Farm, Condover, Shrewsbury**

1.40 Depart from Harper Adams.

2.30 Arrive at farm and meet dairy farmer James Tunock, who will explain:

- How he has reduced fertiliser use and improved slurry management and the nutrient challenges he faces
- Use of clovers
- Autumn grazing management and related pasture and environmental issues

4.30 Visit and conference ends – delegates can depart from here or will arrive back at Harper Adams at about 5.15pm.

Register as a full delegate online at [www.britishgrassland.com](http://www.britishgrassland.com)  
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**THE BRITISH GRASSLAND SOCIETY**



# 9th Research Conference

**8th - 9th September, 2009**

**Harper Adams University College,  
Newport, Shropshire, TF10 8NB**

Sponsored by:



## Tuesday 8<sup>th</sup> September

- 9.15am Registration opens at – coffee will be available.  
10.30 Introduction and welcome

### Session 1 Production

- 10.40 Effect of final autumn grazing date on sward herbage mass, leaf area index and tiller densities during winter and early spring  
*W. Ryan et al., Teagasc*
- 11.00 A comparison of a high and low forage dairy farming system  
*D.J. Roberts et al., SAC*
- 11.20 Effects of winter grazing management on the seasonal production of grass/white clover pastures for beef cattle in Ireland  
*A.D. Black, Teagasc*
- 11.40 Alternative grazing management for a novel sheep breeding system  
*R.L. Greenow et al., Innovis*
- 12.00 The performance of Holstein-Friesian and Jersey x Holstein-Friesian crossbred dairy cows on three grassland based systems of milk production  
*E.R. Vance et al., AFBI*
- 12.20 Comparison of the performance of finishing beef cattle offered grass silage alone or in combination with legume/cereal wholecrop silage  
*P. Kennedy et al., AFBI*
- 12.40 Lunch and opportunity to view posters

### Session 2 Environment and Biodiversity

- 1.40 Improving phosphorus use efficiency in forage grasses and clovers for the use in UK grasslands  
*M. Fothergill et al., IBERS*
- 2.00 Effects on sward composition and sheep performance of long term withdrawal of fertiliser inputs to upland pasture  
*Y-W Yu et al., IBERS*
- 2.20 Exploring the potential of multi-species grass/legume swards to contribute to UK grassland farming  
*R.P. Collins et al., IBERS*
- 2.40 Trade-off and synergies between environment and profitable dairy farming systems  
*D.J. Roberts, SAC*

### Session 3 Posters

- 3.00 Two minute poster introductions by selected authors  
3.10 Tea and poster viewing. Authors to be in attendance  
*See [www.britishgrassland.com](http://www.britishgrassland.com) for a full list*

### Session 4 Stapledon Memorial Lecture

- 4.30 Balancing production and environment in New Zealand: An alternative approach to the UK  
*Prof Mark Shepherd, Scientist, Nitrogen Cycling, Climate, Land & Environment, AgResearch, Hamilton, NZ - formerly Senior Scientist at ADAS Gleadthorpe in the UK*
- 5.30 End of session  
7.00 Reception followed by dinner

## Wednesday 9<sup>th</sup> September

- 7.45 – 8.30 Breakfast  
Day delegate registration opens at 8.15 am

### Session 4 Agronomy

- 8.40 The effects of sowing either spring or winter barley following red clover, lucerne or hybrid ryegrass on soil nitrogen status  
*C.L. Marley et al., IBERS*
- 9.00 GrassCheck, a grass growth and quality monitoring tool for Northern Ireland grassland farmers  
*A.J. Dale et al., AFBI*
- 9.20 Relationships between date of nitrogen application, soil temperature and spring pasture growth  
*A.D. Black, Teagasc*
- 9.40 Recurrent selection and markers  
*R. Hayes, IBERS*
- 10.00 Predicting yields and protein contents of lupin/cereal forage crops in organic farming  
*W. M. Azo et al., Royal Ag College*
- 10.20 The yield and chemical composition of three lupin varieties at harvest and ensiled as crimped grain  
*R. Fychan et al., IBERS*
- 10.40 Making Best Use of Manure Nutrients - The Fertiliser Manual (RB209)  
*B. Chambers et al., ADAS*

*Continued overleaf...*