



All-Party Parliamentary Group on Science and Technology in Agriculture

Digital Farming: The Next Agricultural Revolution

4.30 – 6.00pm, Tuesday 16 July 2013

Committee Room 17, Palace of Westminster

AGENDA

1. **Chairman's introduction / welcome - Mark Spencer MP**

2. **Guest speakers**

James Hallett, Chief Executive of the British Growers Association, will focus on the use of precision farming techniques in horticulture – an early-adopting sector;

Professor Simon Blackmore, Director of the National Centre for Precision Farming at Harper Adams University, will describe how advances in agricultural engineering and robotics are supporting the development of smarter farming systems;

Simon Griffin, Technical Manager at SOYL Precision Farming, will explain how GPS sampling, analysis and mapping using the latest satellite technology is helping to improve yields and nutrient-use efficiency at the field level;

Mark Pettigrew, Agricultural Sustainability Manager at PepsiCo, will describe the farming innovations PepsiCo is developing in partnership with UK scientists and potato growers to reduce farm-level water use and greenhouse gas emissions;

Shradha Singh, Protein Production Team Leader, and **Derek Scuffell**, Information Domain Specialist at Syngenta, will describe the progress TSB-funded research to develop an interactive in-field sensor system to monitor and predict the onset of *Sclerotinia* stem rot outbreaks in oilseed rape and to provide an effective decision support system for growers.

3. **Questions and panel discussion**

4. **Any other business**