



University of the Third Age, Timaru

Series 3, 2018: Innovations in New Zealand Farming

Organised by Juliet Crawford

U3A lectures are for members only.

21 May **The Science of Protecting New Zealand Plants** *Professor Travis Glare PhD*

The Bio-Protection Research Centre is a Centre of Research Excellence with researchers from seven New Zealand institutions. In this lecture the centre's programme of research will be discussed with a focus on the development of the next generation of control approaches for invertebrate pests, plant diseases and weeds.

28 May **The New Zealand Seed Industry: Past, Present and Future.** *Professor John Hampton PhD (Agronomy)*

This lecture will cover the development of the New Zealand seed industry from the first seed crops in the 1880's to the present day where over \$200 million per annum worth of seeds are exported around the world. It will include the research breakthroughs which have led to large increases in seed yields, information on New Zealand's seed quality assurance system, a synopsis of current seed research, and an example of how New Zealand seed expertise is assisting farmers in a developing country.

11 June **Precision Agriculture** *Professor Armin Werner PhD*

A Professor Werner terms Precision Agriculture as his "passion". Precision Agriculture involves the use of a range of techniques and technology to allow a targeted application of water and nutrients to match the requirements of crops. Maximising nutrients and irrigation efficiency for improved sustainability both environmental and financial is combined with the focus on development of field sensing and spatial data management solutions.

18 June **Future Foods** *Professor Stephen Goldson PhD*

Professor Goldson's dual role is as a principal scientist at Ag Research and as a strategy advisor to the office of the Prime Minister's chief Science advisor, Sir Peter Gluckman. The broad sphere has brought him to consider long term projects focused mainly on the biological suppression of New Zealand's worst exotic pasture pest species to prevent them running riot in Aotearoa's pastures. Pest control costs the NZ economy billions each year.

Series 4:	Speakers' Corner	July 9, 16, 23, 30
Series 5:	Viewpoint	August 20, 27, September 3, 10
Series 6:	Five Senses	October 1, 8, 15, 29

MEETINGS

West End Hall, 35a Maltby Avenue, Timaru.

Coffee/tea will be available after the meeting at a cost of a gold coin.

Lectures commence at 1.30 pm and conclude about 2.30 pm with questions to follow.

REMINDERS: Please ...

Wear name tags.	No talking during lectures.
Be seated by 1.20 pm.	Wait until the end of the lecture before asking questions.
Turn all cell phones off	Stand when asking a question, and wait for the microphone.

OFFICE BEARERS AND COMMITTEE		Postal address
President:	Owen Berrill: Phone: (03) 686 1688	U3A Timaru PO Box 4024 Highfield Timaru 7942
Vice President:	Kevin Foley: Phone: (03) 686 2209	
Treasurer:	Paul Gill: paulcynthia1@gmail.com; Phone (027) 220 4405	
Secretary:	John Barton: u3atimaru@gmail.com; Phone (03) 686 2848	
Waiting List:	Kath Calvert: kathcalvert1@gmail.com; (03) 688 8696	
Committee:	Juliet Crawford, Jill Clarke, Wendy Cookson, Solome Mair.	