**Thursday, 7 April 2016**

**Agronomy presentations**

**PROJECT PROPOSALS**

1. **Aviwe Mahanjana** **09:00 – 09:30**

Examining links between soil health and plant productivity through different soil management strategies

1. **Mulweli Matshidze 09:30 – 10:00**

Glyphosate resistance in wild oats (*Avena fatua* L.)

1. **Bongani Ntombela** **10:00 – 10:30**

Effective application methods of pre-emergent herbicides for weed control in wheat production in conservation agriculture systems in the Western Cape region

**TEA BREAK**

**10:30-10:45**

1. **Jacques van der Linde** **10:45 – 11:15**

 The effects of zinc bio-fortification on wheat (*Triticum aestivum*) yields, seed vigour and grain zinc concentrations.

1. **Johan Potgieter 11:15 – 11:45**

 Slow-release fertilization in a soilless crop production system

1. **Rian Gericke** **11:45 – 12:15**

**Identifying and using tuber characteristics to predict potato keeping quality**

1. **Timothy van Niekerk 12:15 – 12:45**

Food-security through greenhouse production: Economic feasibility of high-tech production systems

**LUNCH**

**12:45 – 13:00**

1. **PJ Neethling 13:00 – 13:30**

 Developing nitrogen fertiliser management strategies for wheat (*Triticum aestivum*) under conservation agriculture practices within the Western Cape

1. **Rens Smit 13:30 – 14:00**

 Utilisation of cover crops in conservation agriculture systems and its effects on the functional role of the cover crop

1. **Pieter le Roux 14:00 – 14:30**

 Performance of a dual disc and tine planter, soil quality and residue management for canola production

1. **Sibongiseni Silwana 14:30 – 15:00**

 Influence of sowing depth, N placement and seed distribution using tine and disc opener for canola and wheat

1. **Bernhard Jordaan 15:00 – 15:30**

Strategic nitrogen fertilisation of kikuyu-based pastures over-sown with legumes

1. **Charne Augustyn 15:30 – 16:00**

Optimising nitrogen fertilisation of kikuyu-based pastures over-sown with temperate grasses