

Silver Medal

for SASRI's Engineering Experts

Earlier this year, SASRI commended both of our Agricultural Engineers for receiving their PhD's from the University of Kwa-Zulu Natal. More recently, they have been recognised by the South African Institute of Agricultural Engineers. Both Dr Ashiel Jumman and Dr Peter Tweddle received silver medals from the group for their excellent work in the industry.

The medal is awarded to members who have a M.Sc. degree in Agricultural Engineering awarded with honours, a member with a Doctorate degree or for the best publication of the year.



**Dr Ashiel
Jumman**

PhD title: Using Systems Dynamics to explore the poor uptake of irrigation scheduling technologies in a commercial sugarcane community in South Africa.

Ashiel's role at SASRI involves identifying knowledge gaps and research needs in irrigation engineering; and providing expert advice and technical support to unique water related problems in the context of sugarcane production.



**Dr Peter
Tweddle**

PhD title: Estimating traffic induced sugarcane losses for various, loading and infield transport operations in South Africa.

Peter's role at SASRI focuses on mechanisation research with respect to farm machinery and road transport systems, as well as the analysis and costing of these systems.