

RIRDC RICE R&D WORKSHOP and Rice R&D Advisory Committee

*Held 5 and 6th November, 2009
IREC Annual General Meeting – 2009*

Day 1 – Presentation of on going research projects

Biotechnology approach for precision-breeding of cold-tolerant rice

(Zhao Xiachun, Univ of Sydney)

- Tracking well with this isolation of genes that are responsible for cold tolerance

Rice breeding program 2008/2009

(Russell Reinke & Peter Snell, Industry & Investment NSW)

- New Variety to be released this year at RRAPAL – YRM69

Rice yield and water productivity extension

(Kathryn Bechaz & John Lacy, Industry & Investment NSW)

- Water use efficiency of rice has gone backwards in the last few years due to the extreme weather conditions. Also need to consider residual water in profile after rice.

Weed management in Australian rice *(Malcolm Taylor, Agroppraisals)*

- Use of half rates of Stomp and Magister for barnyard control for in wetting and drying rice establishment situation has proven very effective

Projects/trials at RRAPL

(Russell Ford or representative, Rice Research Australia Pty Ltd)

- Variety trials will be done a RRAPL and hopefully a field day for growers next year at the end of the growing season.

Evaluation of water savings from delayed permanent water

(Brian Dunn, Industry & Investment NSW)

- Lower water use but similar water returns due to the increase in cost of chemicals (two applications of Stam) and a slit reduction in yield

Response of rice to elevated temperature under climate change, and GCP drought avoidance root traits for enhanced rice productivity in water-limited environments

(Len Wade, Charles Sturt University)

- Extensive research money and human resources are being set aside for research into crops grown in resided moisture conditions.

Day 2 - Committee meeting

- Including future direction and financials GRDC Funding is based around a three year rolling average of levies. Break even so the funding is on going is a round 150,000T/year. Decided on where funding will go over the next 12 months.

Drew Braithwaite