

“East South Australia Grain and Graze 2 Program”

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Through Ag Excellence Alliance

Key Outcomes:

- Improving Water Use efficiency across mixed cropping and livestock systems throughout Eastern South Australia
- Improving whole farm profitability, whole farm sustainability and whole farm ground cover across Eastern South Australia

Trial Objective:

- Looking at different strategies to try and improve water use efficiency in mixed cropping and livestock enterprises across the South-East region

Trial Duration: 2011 – 2013

Location: South East Region (Various sites)

MacKillop Farm Management Group Project Activities and Site Locations:

1. “Growing Biomass”

Measuring the dry matter accumulation & timing of a range of pasture species & mixes and comparing them to the dry matter produced by crops that are grown to be grazed before being shut up for grain production or cut for hay or silage production.

*Planned Site Location: Bool Lagoon/Struan
(Replicated Trials to be managed by SARDI)*

2. “Transition”

Measuring grain and dry matter production from a range of rotational treatments including pasture, winter sown grain crops, grazed crops shut up for grain production, hay crops and spring sown crops. The grain yield of the subsequent wheat crop will be measured to see which of the previous crops have the greatest ability to increase the yield and water use efficiency of crops.

*Planned Site Location: Padthaway/Keppoch Region
(Replicated Trials to be managed by SARDI)*

3. “Biological Solutions”

Extension activities based around for weed, pest and disease management in stubbles. To be incorporated into Trial Site visits and Pre-Harvest Meetings.



