

RESEARCH PROPOSAL CURRENTLY UNDER DEVELOPMENT

The research outlined below is based on Expressions of Interest received by, and feedback from, the Sustainable Irrigation Program Management Committee. It may not precisely describe the final project agreement, particularly in terms of final project design, cash and inkind contributions.

<p>Broadacre Irrigation Productivity & Sustainability Evaluating innovative farming practices for joint outcomes of productivity and sustainability</p>	
Principal Investigator	To be confirmed
Host Organisation	Lachlan Farming Limited
Issue or Problem to be Addressed	This private business has achieved considerable gains in water use efficiency under field conditions with cotton, wheat, triticale and chickpeas. An independent assessment to describe the conditions and factors is required
Objectives	<ul style="list-style-type: none"> • Document and assess irrigation systems practiced by Lachlan farming and comment on their productivity, sustainability and transferability. • Review comparable best practice production and environmental management and attribute variation experienced by Lachlan Farming • Extend new learnings in appropriate manner
Comment	The project will be undertaken by an independent investigator to be identified by the Sustainable Irrigation Program. A knowledge brokering strategy will be developed to ensure that practices and technologies delivering confirmed water use efficiencies are readily adapted and adopted in other broad acre irrigation areas.
Research Timeline	2 years
Proposed Funding	Total budget \$37,000 from Sustainable Irrigation Program. Substantial cash and inkind from Lachlan Farms. Total Project approx \$70,000