

COTTON, GRAINS, CATTLE

Extension capacity of cropping-systems

North Qld - Mareeba, Georgetown, Julia Creek, Mt Garnet

Timeline: 2022 to 2026 (4 years) A.2.2122031

The Cotton, Grains, Cattle (CGC) program is an integrated agricultural system, focused on bolstering productivity across the north's cropping and cattle sectors. The aim is to create economically sustainable, place-based integrated farming systems around cotton, grains and cattle to support production of universally marketable cattle from local crops, providing alternative market options.

Enhance economic sustainability of integrated farming for producers.

Create cropping systems suited to tropical climates & less reliant on imports.

Build local capacity to support production, reducing costs & biosecurity risks.

Ensure ethical value, responsible planning & social licence.

Develop agronomy & nutrient management to reduce farming carbon footprint.

Project: Extension capacity of cropping-systems

'Enhancing extension capacity to sustain growth of north Queensland cropping systems' is one of six projects in the CGC program. Crop production in north Queensland provides farmers and pastoralists with greater operating diversity. This project will enable Cotton Seed Distributors to increase extension capacity of crop production in north Queensland with an additional extension officer. To meet the regions current rate of industry expansion, and help position the industry for future investments, increased access to cotton agronomy and overall support for sustainable farming systems and integration with grains and cattle systems is required .

research focus

- ↳ Establish local and regional extension capacity by facilitating the adoption of best management practices that are more suited to northern cropping environments.
- ↳ Improve grower knowledge of cotton and broadacre crop production underpinned by rigorous and respected science for diverse, resilient and environmentally sustainable north Queensland farming businesses.
- ↳ Develop capacity through a network of professionals (locally and nationally) to service the growth of cropping enterprises in north Queensland.

expected outcomes



Contribute to improved community acceptability of the cropping industry in Northern Australia.



Enhanced regional capacity through extension activities, field days, and knowledge sharing for sustainable industry development.

project partner





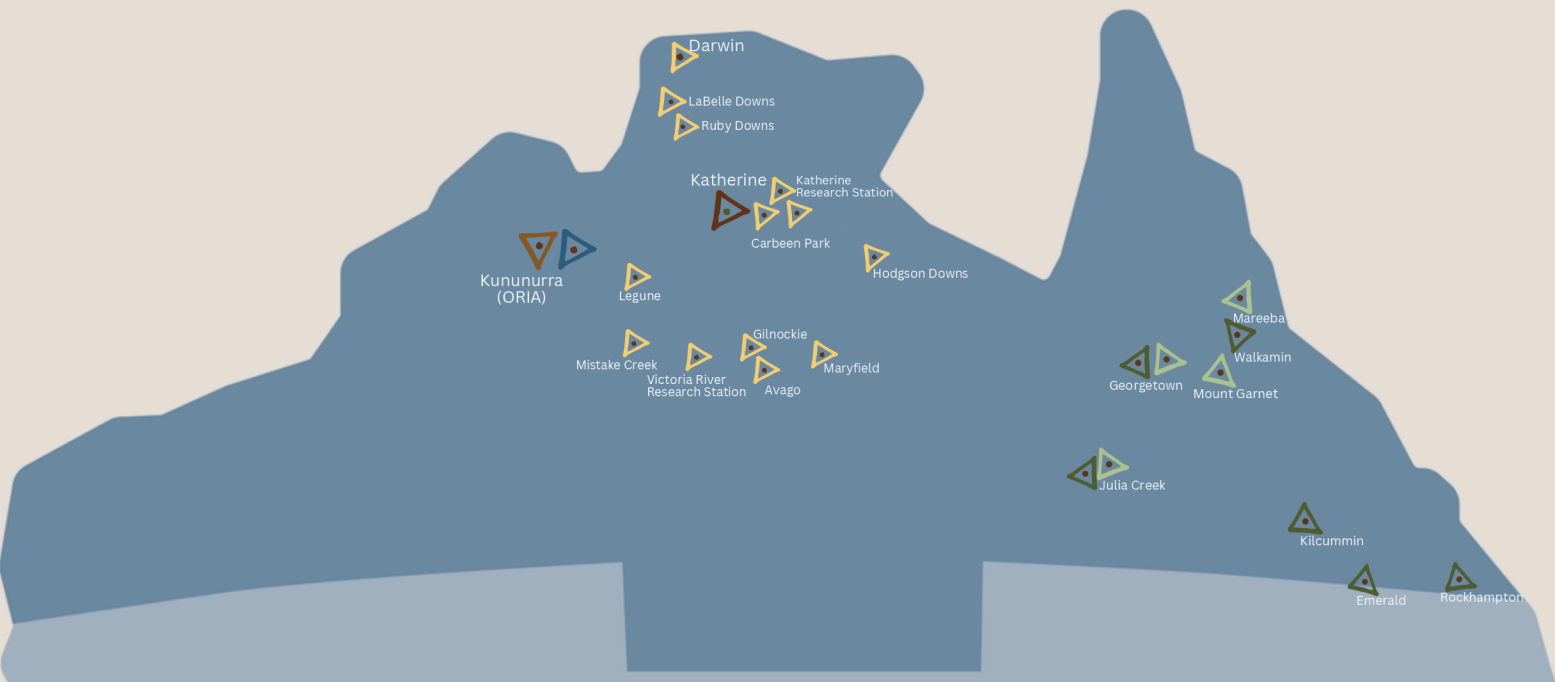
Cotton, Grains, Cattle runs for 4 years, and has over 30 collaborators who are committed to building producer, agronomy and research capacity across Northern Australia.









The Cooperative Research Centre for Developing Northern Australia (CRCNA) is delivering industry-led research and development collaborations to enable the sustainable economic growth of Northern Australia. CRCNA funding helps to de-risk investment through new technologies, products and services which address industry issues specific to the north.

CRCNA invests in agricultural research and development to support:

- sustainable tropical production
- innovative supply chain solutions
- new technologies, models and systems
- climate resilience and nature positive development.



COTTON, GRAINS, CATTLE Project locations

-  Crops for Cattle (NT)
-  Fundamentals of cropping systems (NT)
-  Sustainable systems for crop diversification (ORIA)
-  Cropping enabled cattle production (WA)
-  Extension capacity of cropping-systems (NQ)
-  CGC farming systems (NQ)

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