

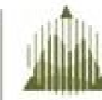


Australian Government
Department of Agriculture
and Water Resources



Australian Government
Cotton Research and
Development Corporation

Rural Research and
Development for Profit
Keeping Australian farmers
at the cutting edge



NCEA
National Centre for
Engineering in Agriculture

Automated camera-based crop and irrigation monitoring

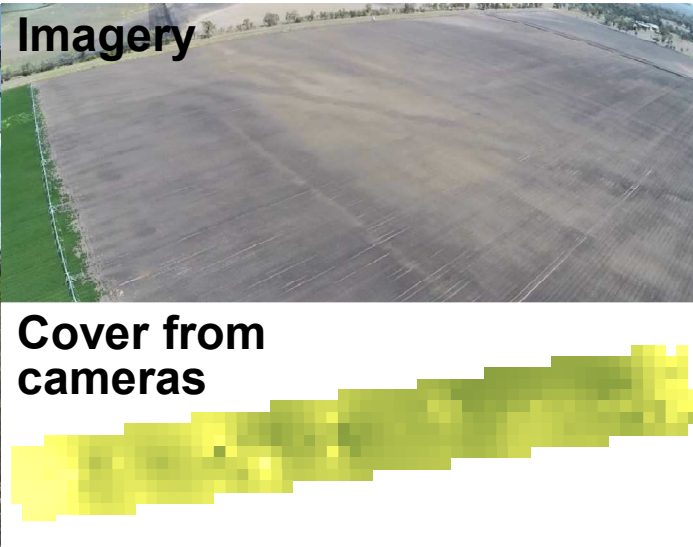
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- Automated irrigation using sensors, control strategy, actuators
- Cotton trials improved yields 11%
- Weather and soil-water sensors, cameras for crop growth
- Trials to integrate with commercial automation systems

Cameras on machine



Data layers



Camera tower



Thermal image from head ditch

