

COGGO

Council of Grain Grower Organisations Limited
ACN 091 122 039

Interim Progress Report COGGO Research Fund 2016

A brief interim progress report covering the last six months' activity and plans for the next six months. The acceptance of satisfactory progress against milestones will trigger payment, within 4 weeks, by COGGO for the following six months.

1. Project information

Project title	Innovations for on-farm grain storage.
Commencement Date	Jan 2016
Proposed Completion Date	Jan 2018
Period covered by this report	June 2016 to January 2017

Name of Proponent	Mingenew Irwin Group
ACN/Legal Name or ABN	
Mailing Address	PO Box 6 6522 Mingeneu Western Australia

Administrative Contact	Sally McTaggart
Position	Finance Officer, Mingeneu Irwin Group
Telephone	08 9928 1645
Fax	NA
Email	Sally McTaggart <Sally@mig.org.au>

Project Supervisor/Principal Researcher	Ben White
Position	
Telephone	0407941923
Fax	
Email	ben@bmwhite.com.au

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Project Proposal Number	
Date Received	

2. Project progress

Maximum of TWO pages.

This section includes progress against the Project Aim, Milestones and the Planned Outputs for the first six months of the Project.

Progress to date

Brief summary of progress to date against the stated aims, outputs and outcomes for the Project.

The second six months of the project has:

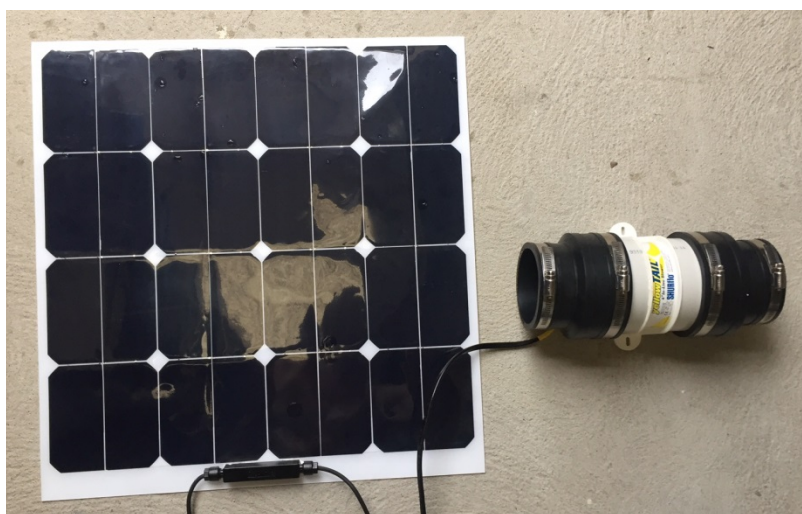
- Researched and built a number of prototypes for both the fumigation recirculation system
- Researched and constructed key components for the in-silo monitoring system
- Installed both system components initially and subsequently removed to tweak design
- Planned for the workshops with MIG members

Project Milestones

Please provide a report on up to four milestones due in the second six months of the project – as per milestones provided in Project Proposal

1 - Develop initial design, refine and construct initial powered thermosiphon prototype and remote monitoring pest identification camera

Progress:



Initial designs of fumigation recirculation system designed to mount inline to existing thermosiphons (90mm PVC)



Shots of in-silo monitoring system featuring a WiFi infra-red camera with modified internals and optimised for macro photography



Relayed images from the in-silo monitoring insect trap showing a successfully trapped rice weevil

Initial designs were refined and constructed with a first-prototype of the powered thermosiphon and remote monitoring pest identification camera built.

Designs required an initial build incorporating all design elements for cost optimization and reliable function. These were later refined with a second build and some component upgrades.

2	-	Install prototype in-situ
		<ul style="list-style-type: none"> Both the solar-powered fumigation recirculation system and the in-silo monitoring system have been installed on a silo in the central Western Australian wheat-belt for an operational trial. Both functioned appropriately with pleasing initial results delivered for both platforms. Further refinement of the design has seen a second prototype of each built with some refinement to the initial design to overcome design limitations not accounted for in the initial design phase.
3	-	Conduct 2 grower and industry workshops
		<ul style="list-style-type: none"> Workshops were initially planned for around mid December at Mingenew, however a longer than usual harvest period saw many farmers in the region still completing harvest on these dates and it was decided to postpone the workshop to ensure a healthy attendance.

		<ul style="list-style-type: none"> Two workshops have been planned – one with MIG staff and key collaborating farmers for the afternoon of the 8th February with a larger open workshop for farmers set to take place in Mingenew on the 20th of February.
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3. Project resources Maximum of TWO pages.	This section describes any significant changes to the resources listed in the initial plan - the personnel and timelines for expenditure of COGGO funds.
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Personnel	List any changes to the key personnel to be involved in the project, describe in a sentence their role and provide an estimate of the percentage of their working time that will be devoted to this project.	
Name	Role	% time allotted
Ben White	Grain storage expert	12
Lance Perry	MIG Executive officer	5
MIG Staff		5

Expenditure of funds requested from COGGO	\$ 2016 First 6 months	\$ 2016 Second 6 months	\$ 2017 First 6 months	\$ 2017 Second 6 months	Total
Salary/Contractors		15,100			15,100
Operating costs		8,211			8,211
Capital*					
TOTAL		23,311			23,311

*Please note any changes in the application of funding originally approved COGGO as per your initial application.

IMPORTANT: The total amount cannot exceed the total funds approved for the project by COGGO.

Expenditure of COGGO Funds to date (first 6 months)	Briefly describe the use to which the COGGO-funded Salary, Operating and Capital funds have been put in the first six months of the project
<ul style="list-style-type: none"> Salary/Contractors. \$15,100 ex GST Operating \$8,211 ex GST Capital (note: COGGO will not generally fund capital items) 	

4. Certification

The Project Supervisor and the Research Organisation certify that all information contained in, and forming part of, this progress report is complete and accurate. The project supervisor and research organisation further warrant that the project continues to comply with all the relevant guidelines affecting the conduct of research, for example in relation to ethics, bio-safety, environmental legislation, GMAC or National Health and Medical Research Council Codes.

Project Supervisor's signature

Name (in Capitals)

BEN WHITE Date: 31/01/2017

Research Organisation signature

Name and title of authorised signatory (in Capitals)

LANCE PERRY CEO

01/01/2017

Date:

Completed Interim Progress reports forms

Email to coggo@giwa.org.au or mail to

COGGO Research Fund, GIWA, PO Box 1081, Bentley DC, WA, 6983

For any further enquiries please email questions to coggoresearchfund@giwa.org.au

Or phone (08) 6262 2128

Advice for completing the COGGO Research Fund Interim Project Progress Report

Please submit a brief interim progress report covering the first six months' activity. The acceptance of satisfactory progress against milestones, within 4 weeks, will trigger

payment by COGGO for the following six months.

Project information

Only amend details that have changed since the project was approved.

Project progress

This section includes progress against the Project Aim, planned outputs and milestones for the first six months of the Project.

Project resources

Personnel

List any changes to key personnel and their proposed role in the project.

COGGO contribution

Please provide information against the headings provided. The COGGO Budget is the funds you are requesting from COGGO and should be divided into Salary, Operating and any Capital costs. Please note that COGGO does not fund computers. COGGO will only fund capital items under exceptional circumstances.

In the box provided, describe briefly the use to which the requested salary and operating funds have been put - what persons were employed or contractors used; what were the operating funds actually used for (e.g. fertiliser, seed, hire excavator)?

Other contributions

Project operator contributions are the contributions that you make to the funding of the project. They may include salary, operating and capital items. Please note that COGGO will not fund the salary of the operator of the project. The value of the time devoted to the project by the operator should be recorded in the budget as an 'in-kind' contribution.

Impacting factors

Any matters arising, due to factors internal or external to the project, that are likely to impinge significantly in a positive or negative way on the outcomes of the project should be raised immediately with COGGO outside the normal six-monthly meeting process.

COGGO representative

For the purpose of this Project management plan, and any subsequent Project agreement contract, COGGO will be represented by Grains Industry Association of Western Australia (GIWA), or such other representative that is nominated by COGGO as authorised to operate on behalf of COGGO.