

INVESTING IN RD&E TO CREATE ENDURING PROFITABILITY FOR AUSTRALIAN GRAIN GROWERS



The Grains Research and Development Corporation (GRDC) supports the grains industry through investing in research, development and extension (RD&E) to create enduring profitability for Australian growers.

The GRDC invests over \$198 million per year in around 700 RD&E initiatives to create enduring profitability for Australian grain growers across a broad range of research. The GRDC's investments deliver results and aim to continually break new ground for growers.

GRDC AT A GLANCE

<p>Invests in RD&E to build profitability for Australian grain growers.</p> <p>\$198 million annual spend on 900 rd&e projects.</p>	<p>GRDC RESEARCH UNDERPINS THE GRAINS INDUSTRY.</p> <div style="display: flex; justify-content: space-around;"> <div> <p>\$9 billion annual farmgate value.</p> </div> <div> <p>Represent 24 per cent of total agricultural exports</p> </div> <div> <p>20 million hectares sown to grains.</p> </div> </div>
<p>Grower levy contributions over the past three years have averaged \$122 million per annum.</p>	<p>★★★★☆</p> <p>84% of growers rate the GRDC's performance as an investor in grains research as fairly high to very high.</p>
<p>30 key investment targets.</p>	<p>In 2016-17 GRDC invested \$15 million into research infrastructure.</p>

GRDC'S CORE OBJECTIVES

<p>OBJECTIVE 1: Improve yield and yield stability</p>	<p>OBJECTIVE 2: Maintain and improve price</p>	<p>OBJECTIVE 3: Optimise input costs</p>
<p>OBJECTIVE 4: Reduce post-farmgate costs</p>	<p>OBJECTIVE 5: Manage risk to maximise profit and minimise losses</p>	

GRDC'S STRATEGIC INVESTMENT PLAN

The GRDC's new strategic approach to RD&E will achieve greater profitability for Australian grain growers. The RD&E plan uses 30 investment targets to guide investments that will deliver transformational gains to the profit drivers of Australian grain growers.

This five-year RD&E plan is part of a 10–20 year strategy to deliver on the GRDC's purpose.



KEY INVESTMENT TARGETS

GRDC's 30 new KITs are structured around the key drivers of profitability, which include yield, price, costs (on farm and post farm gate) and risk. The relationships between these drivers can be expressed as follows:



The importance of different drivers varies across grain growing businesses and environments. This in turn impacts the shape and scope of the GRDC's RD&E investment portfolio at the national level, and on the activities and approaches required to support adoption of RD&E outputs at the regional and local levels.

GRDC NOTABLE INVESTMENTS

<p>A collaboration between GRDC and CSIRO saw the world's first commercially produced gluten-free beer released using low gluten barley.</p>	<p>The GRDC has invested in the International Wheat Yield Partnership, which aims to increase the yield potential of wheat by up to 50% in the next 20 years.</p>	<p>In collaboration with the CSIRO and the GRDC, Nuseed developed the world's first plant-based source of long-chain omega-3 fatty acids: Aquaterra omega-3 canola.</p>
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TALK TO US

COLLABORATION IS THE FUTURE OF R&D. IF YOU HAVE A PROJECT OR PARTNERSHIP IDEA WE'D LOVE TO DISCUSS IT.

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