

WA GRAINS RESEARCH UPDATE

Peter Roberts GRDC Western Regional Panel Chairman



GRDC
GRAINS RESEARCH
& DEVELOPMENT
CORPORATION

GRDC 2018 and Beyond

- New GRDC Chairman and Board
- New GRDC Managing Director and executive Team
 - staff restructure and regional placement
- Revised 5yr plan due to Government by mid 2018

The Challenge!

FIGURE 12 Australian grain farm terms of trade, 1977-78 to 2014-15

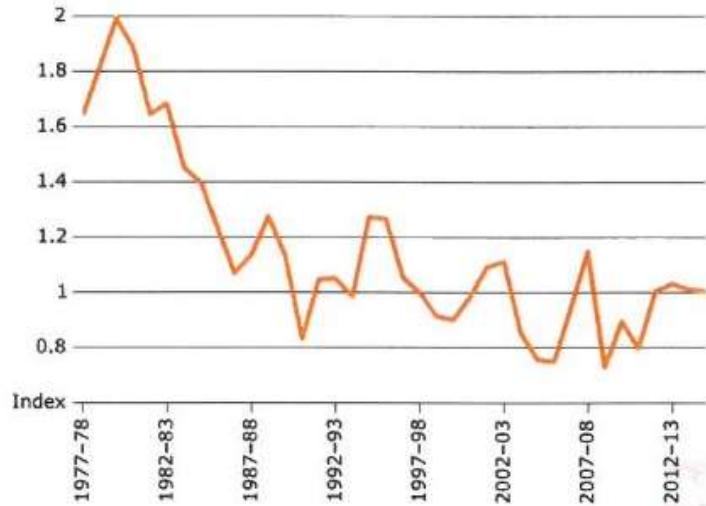
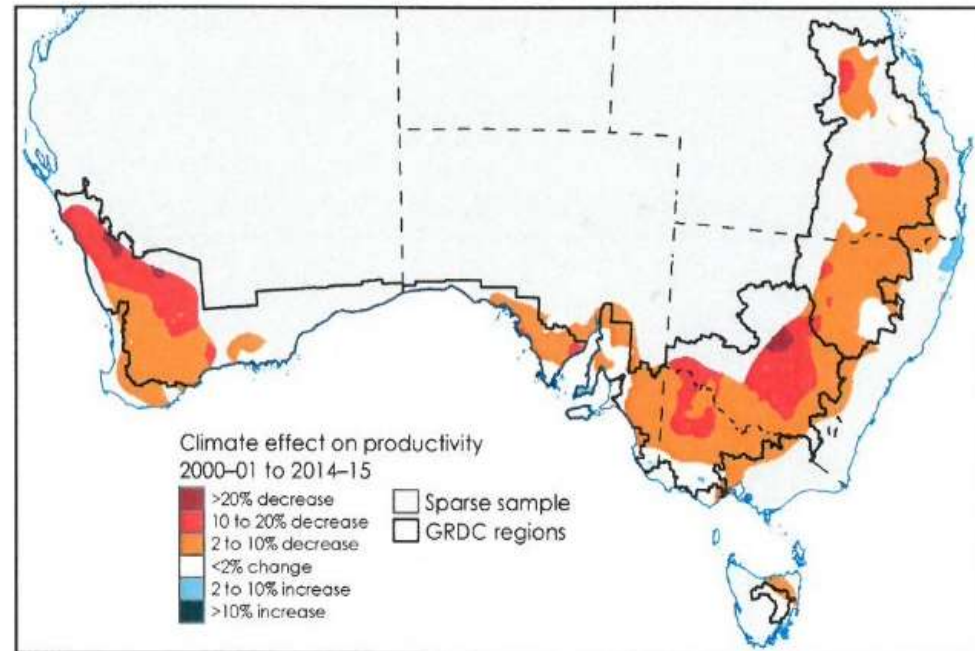


FIGURE 14 Average climate effect on productivity levels since 2000-01, relative to the 1914-15 to 2014-15 average



Purpose

Invest in RD&E to create enduring profitability for
Australian grain growers

A measurable purpose that
drives strategy development
and investment decisions



80% of \$1 million = \$800,000

8% of \$1 billion = \$80 million

Focus of new five year strategic RD&E Plan



Focus of new five year strategic RD&E Plan

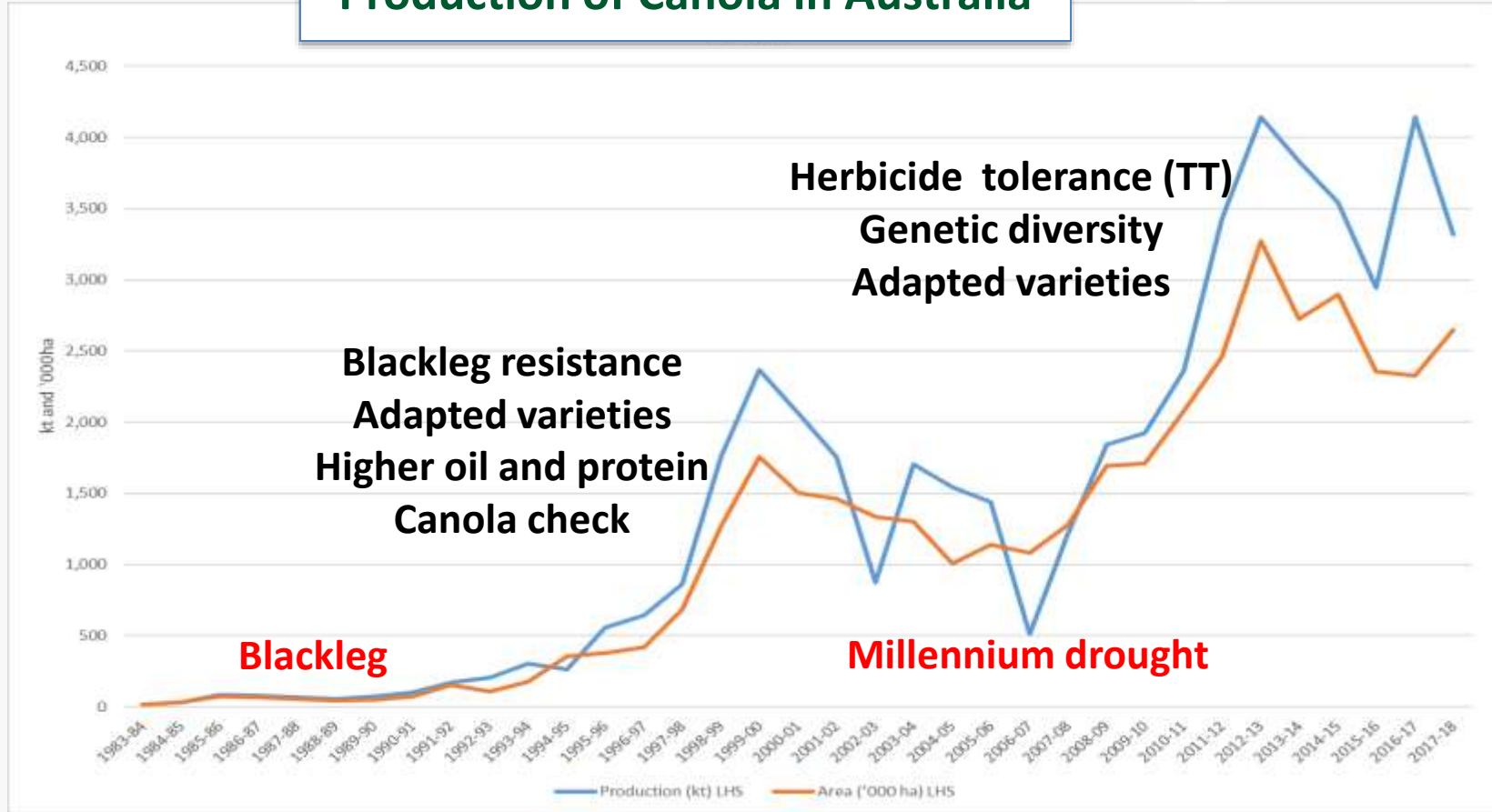
- GRDC Purpose:

$$\pi = (\text{Yield} \times \text{Price} - \text{Cost})^{\text{Risk}}$$

- Creating transformational impact

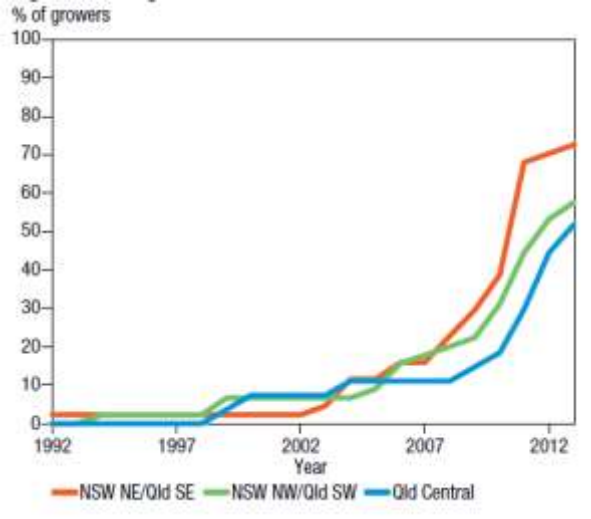


Impact of R&D on Area and Production of Canola in Australia

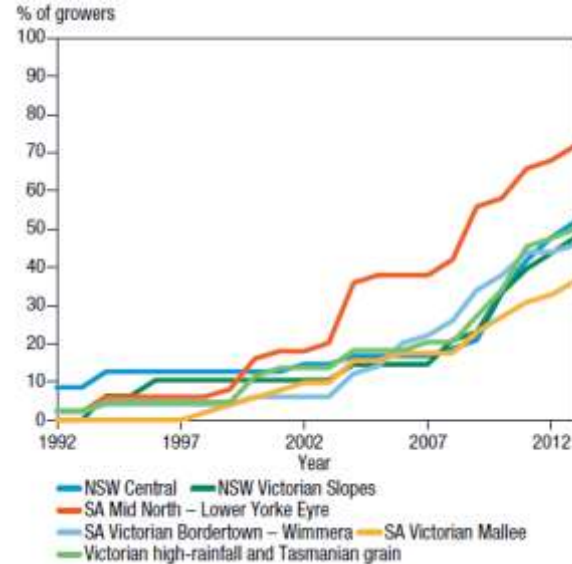


AHRI Herbicide Resistance Practice change - Double Knock adoption

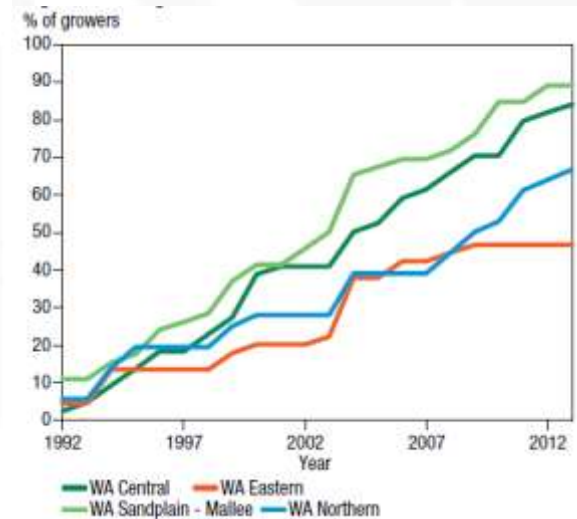
Northern Region



Southern Region



Western Region

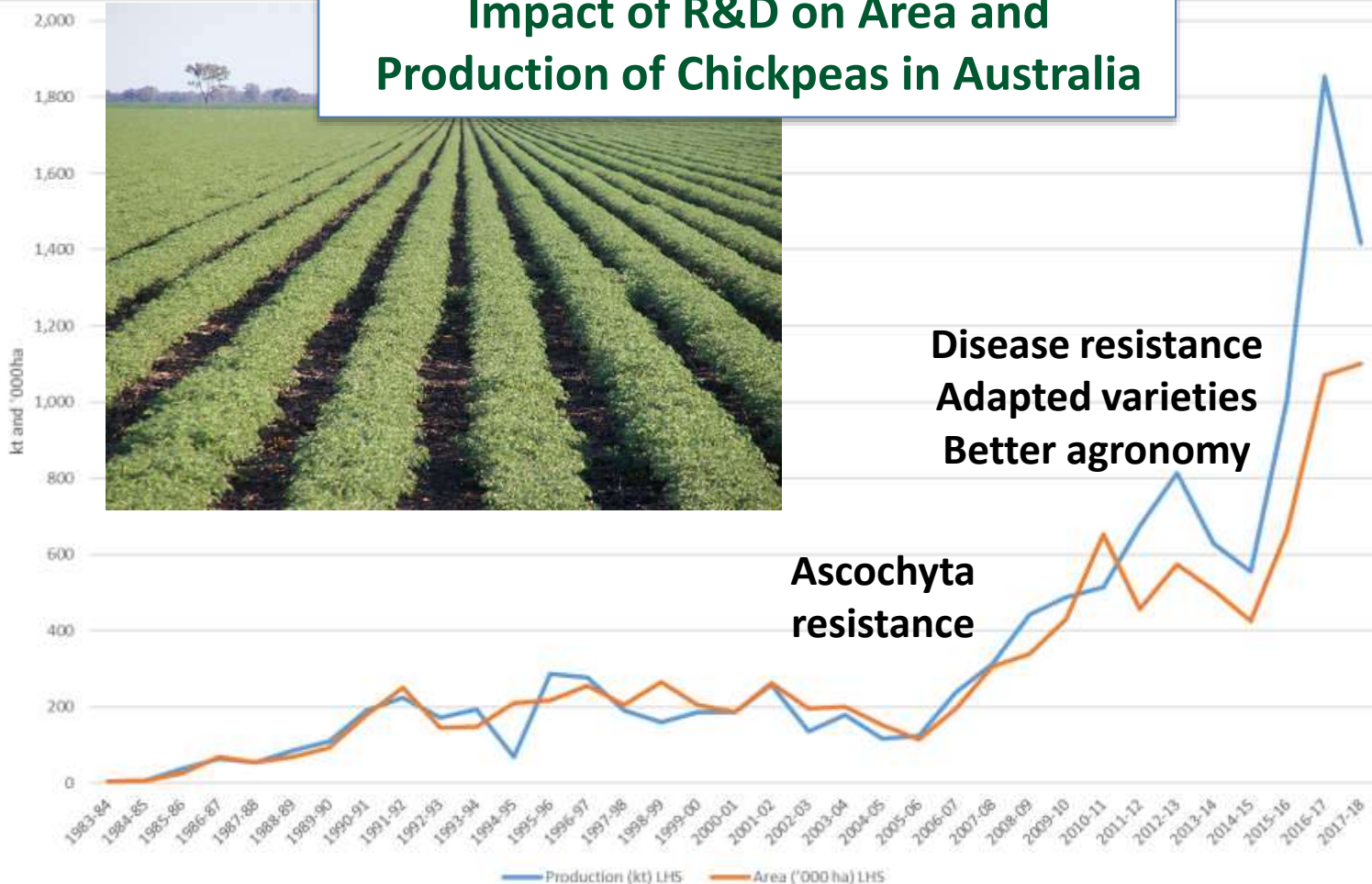


Focus of new five year strategic RD&E Plan

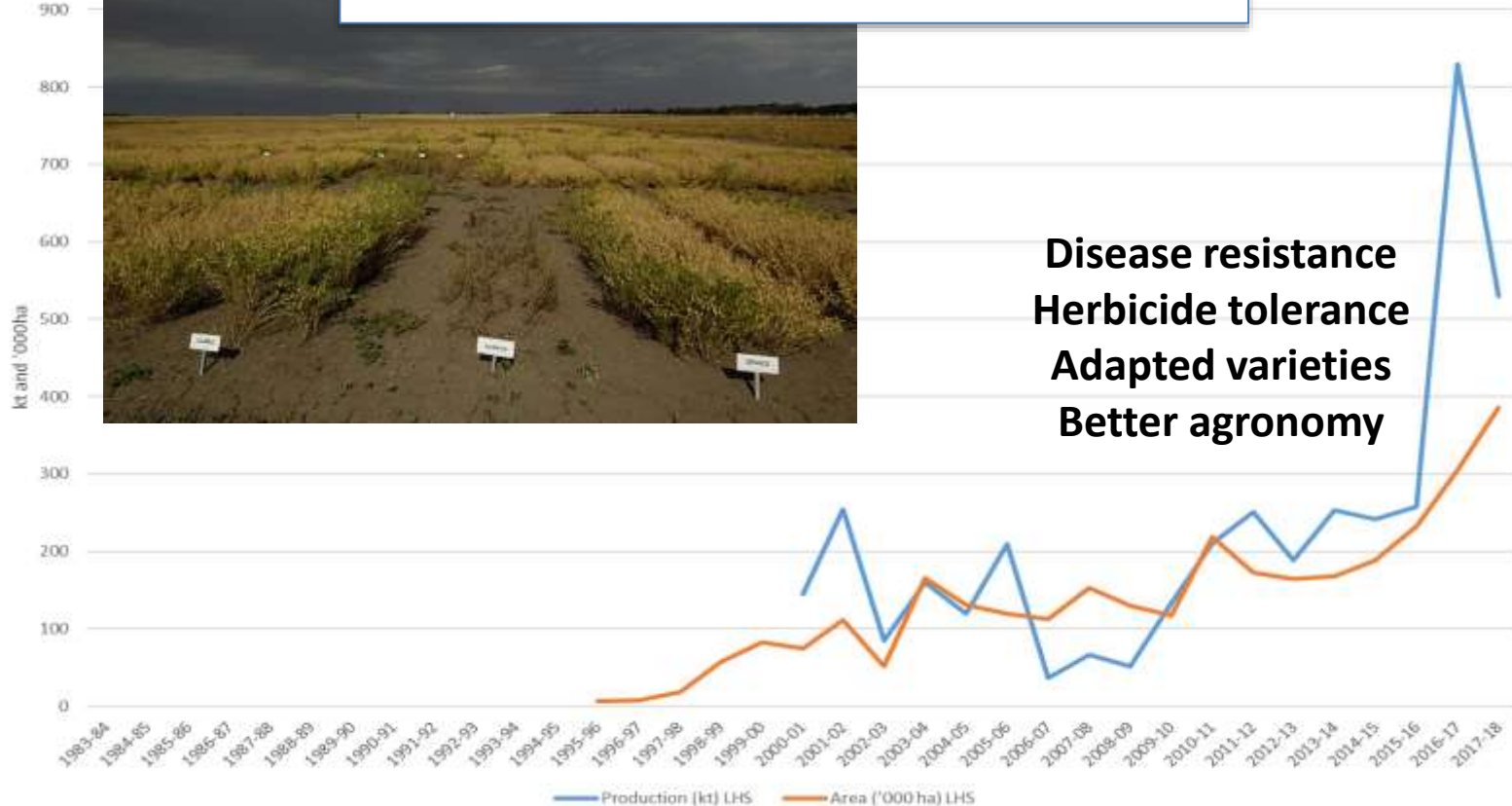
- GRDC Purpose:
$$\pi = (\text{Yield} \times \text{Price} - \text{Cost})^{\text{Risk}}$$
- Creating transformational impact
- Higher value opportunities



Impact of R&D on Area and Production of Chickpeas in Australia



Impact of R&D on Area and Production of Lentils in Australia



Focus of new five year strategic RD&E Plan

- GRDC Purpose:

$$\pi = (\text{Yield} \times \text{Price} - \text{Cost})^{\text{Risk}}$$

- Creating transformational impact
- Higher value opportunities
- Partnering more with non-traditional RD&E providers
 - **Work with the world's best**



Herbicide Innovation Partnership

- Partnership between GRDC and Bayer Crop Science
- GRDC has invested \$45 million over 5 years all in Germany
- Aims to develop new chemistry to help Australian grain growers manage difficult weeds
- Train the next generation of Australian scientists



RD&E Plan - Next Steps

As a result of industry consultation

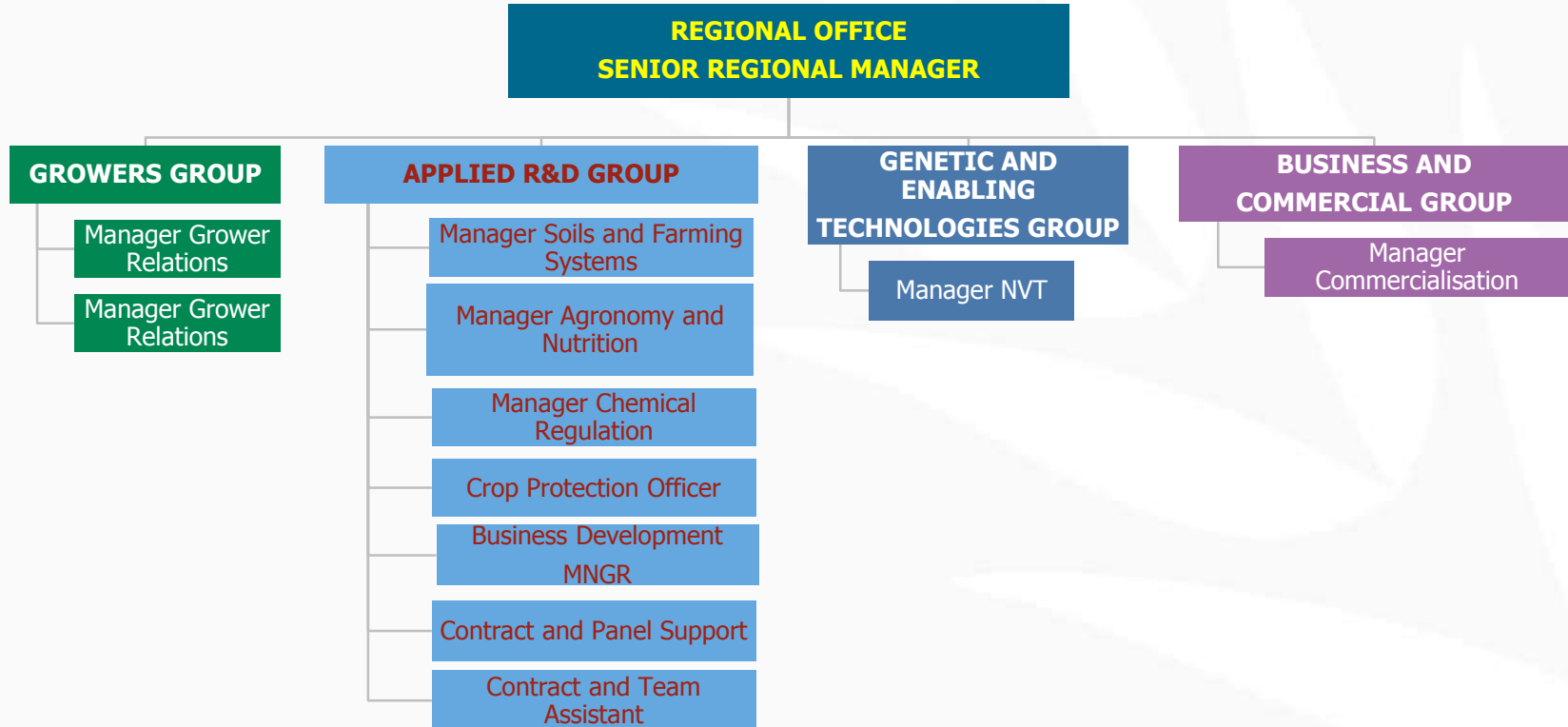
- Refine Investment Priorities and Opportunities
- Determine relative emphasis GRDC should place on different investment opportunities to provide focus on the investment portfolio
- Develop meaningful targets that aspire GRDC staff, partners and growers and allow for performance reporting
- Plan will be submitted to Government in April 2018

A vision for the future – a GRDC that is:

- **Regarded as the grower's R&D arm**
(a valued grower asset)
- Open, transparent and trusted
- A true research partner
- An investor not a funder
- Agile and business like



Regional Staff



Summary of key changes at GRDC

- Clarity of purpose
- Revised business model and business group structures
- Upgraded processes within GRDC
- Increased capacity and capability to actively manage projects, programs, initiatives and strategies using cross functional teams

Thank you

Peter Roberts – Chair Western Regional Panel



GRDC[™]
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