

RD&E PLAN 2023-28

KEY PERFORMANCE INDICATORS

Our investment portfolio

Investing to plan & purpose

\$250M
MORE RD&E
invested in new & growth areas^a

\$4+
BENEFIT
per research dollar^b

\$750M+
in partner
co-contributions^c

New innovations & products
CREATED^d

RESPONSIVE, HIGH PERFORMING
investor^e

85% OF GROWERS
believe GRDC has responded to ideas discussed and rate GRDC investor performance highly

Australian grain farms

Facilitating on-farm adoption & impact

New knowledge practices, & products
ADOPTED^f

RESEARCH
outputs commercialised^d

GRDC IMPACT
on farm practice^e

75% OF GROWERS
believe GRDC played a role in benefits realised from RD&E

Grains industry health

Maintaining or exceeding long-term performance

Grower
PROFITABILITY
RATE OF RETURN OF
GRAIN FARMS (%)^g
> long-term trend

Farm
PRODUCTIVITY
TOTAL FACTOR
PRODUCTIVITY^g
≥ long-term trend

Crop
IMPROVEMENT
CEREALS, PULSES & OILSEEDS
YIELD & WATER-USE
EFFICIENCY^g
≥ long-term trend

RETURN
on inputs
COSTS (% INCOME)^g
≤ long-term trend
FERTILISER
CROP PROTECTION
TOTAL PLANT, MACHINERY
& LABOUR (TPML)

INDUSTRY VALUE & MARKETS

GROSS VALUE OF GRAINS PRODUCTION (\$B)^g
≥ long-term trend
MARKET DIVERSITY^h
for major grains (HHI)
maintained or improved

a. Comparison to previous plan expenditure. Growth and new areas defined as investment to Reach new frontiers, Grow markets and capture value and Thrive for future generations, with adjustments captured through the Annual Operating Plan.

b. Weighted average estimated return, measured through ex-ante benefit cost analysis for GRDC research investments >250k total contract value where a meaningfully benefit:cost analysis can be generated.

c. Total co-contributions through research partnerships undertaken by GRDC across life of the plan. Includes cash, in-kind and equity. Excludes service agreements.

d. Key research highlights that demonstrate tangible outputs and impact of RDE investment captured through case studies, including new patents, varieties, and technology licenses. Use of ex-post impact analysis where appropriate.

e. Captured through GRDC longitudinal grower surveys across life-of-plan.

f. Transfer of new knowledge and change in adoption of practices and products across life-of-plan, captured through GRDC longitudinal farm practices survey or other methods to quantify.

g. Comparison to long-term national trends using 7-year rolling average (1990-2022). ROR reported as national average and for top 20% (profitability). TFP refers to % change in climate adjusted total factor productivity index. Yield measured through comparison of national yield and water-use efficiency trends for cereals (wheat, barley, oats), legumes (chickpeas, faba beans, lupins, lentils) and canola weighted by crop area planted. Gross value of production adjusted for hectares planted.

h. Herfindal-Hirschman Index (HHI) as indicator of market concentration. Comparison to 10-year average using 7-year rolling average for wheat, barley, sorghum, canola and lentil.