Outcome Logic Model for the Seeds & Nutritional Development Programme 2013–2019

Long term outcomes

2025 -

Medium

term

outcomes

2019 -

More sustainable use of natural resources within environmental limits

Increased value and quality of milk, meat and fibre exports and enhanced economic performance

Enhanced NZ competitiveness in global markets

Additional benefits for the sector and New Zealand



Benefits to the New Zealand economy will be realised...

Increased crop/pasture production and pasture persistence

Improved animal health and productivity

Proven environmental benefits

On farm adoption of new products



Increased rural employment opportunities

Enhanced global reputation of NZ food and agricultural systems

Reduced non-tariff trade barriers through improved animal welfare



If technologies are successfully developed and proven this will lead to...

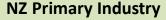


Short term outcomes

2017 - 2020

Full commercial release of forage and seed products

New technologies proven and farmer adoption characteristics determined



New export opportunities

Flow on growth for NZ seed sector from licensed IP



Successful projects will lead to technology and solutions including...



Activities & Outputs

2013 - 2019

Develop new effective pastoral endophytes with new bioactivity

Develop new forage cultivars that improve animal health & performance

Develop new supplementary feed crops with drought tolerance

NZ Science Sector

Increased science capability

New primary sector networks and knowledge

PGP Projects 2 & 3

PGP Projects 4 & 5

Enablers & Inputs

Problems & Opportunities

Existing scientific research & technology to build on for NZ specific issues

We need proven solutions to environmental challenges of NZ farming systems Industry collaborations and joint ventures

Novel food production systems required to feed growing global population

Existing IP & new innovations

New approaches required to address animal health, welfare and productivity challenges

PGWS forage seed market strength and access

Losses from pests and disease that limits NZ pasture performance