



PARKER'S
GARDENS



Commercial Vegetable Production
Research , Innovation & Education

Research, Innovation & Education

Ryan Family History Overview

Research Our Story and industry

Education Our Story and Industry

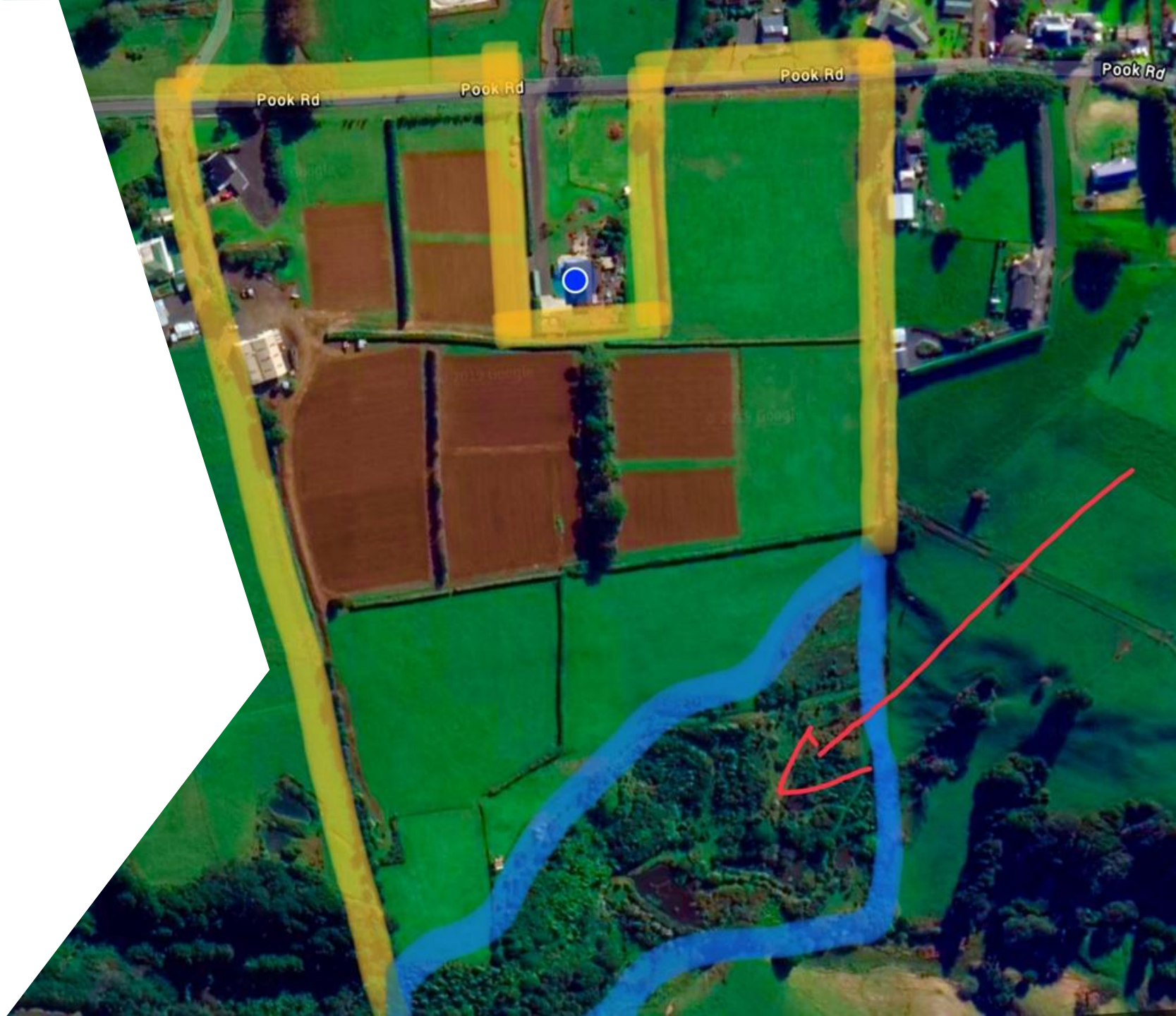
Ryan Farms Seeds Family History

- WHO WE ARE
- WHAT WE DO



Pook Road Ryan Property

× Red arrow points to Wetland





Research and Innovation Ryan Farms - Seeds Story

**The PLK -
Pukekohe Long Keeper Onion**





Research and Innovation Ryan Farms - Seeds Story

We currently invest 68% of
income on R&D.

Onions are one of the most difficult crops
to breed.



Onion Crop Complexity



Research and Innovation Vegetable Industry

- NZ vegetable Industry is well supported with R&D.
- Major international seed companies with a presence in NZ- Pukekohe-Waikato.
- Global Agchem companies all represented in NZ.
- Growers and service providers are all active in R&D to continually improve outcomes

Research and Innovation Vegetable Industry

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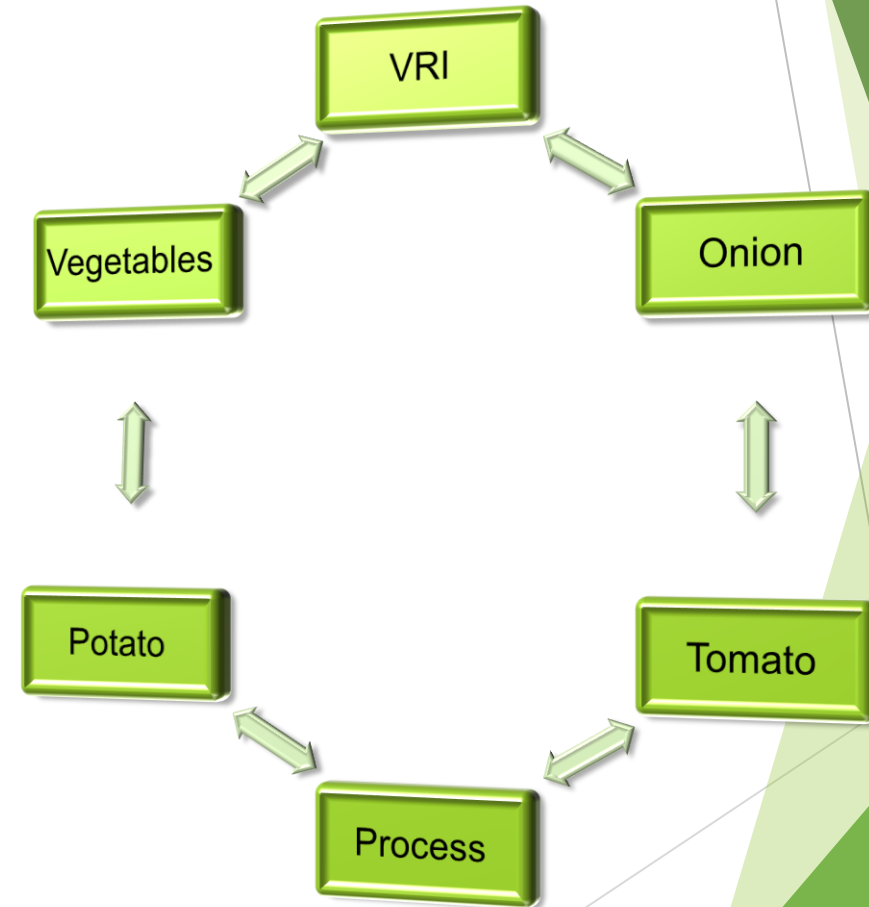
Research and Innovation Vegetable Sector

Vegetable Sector

Vegetable Research and Innovation Board (funded by Growers) have spent over 1 million dollars in the last 5 years spent on environmental projects.

Current Projects Funded:

- Fluxmeter project Nitrogen Management.
- Quick N test.
- Don't Muddy the waters. Extension to Franklin Sustainability Project.
- Root Zone Reality.
- Maximising the value of irrigation.
- Matrix of Good Management-booklet on Nutrient Management.



Education

Ryan Farms - Seeds Story

- We hold annual field days for growers and service providers.
- International experts visit annually for Research collaboration.
- Regularly travel internationally to Global Vegetable Research meetings.
- School Visits to the Farm - develop relationships with local Primary Schools.
- Grower visits to schools working in with NZ Curriculum.
- On farm work experience for School Holiday students.





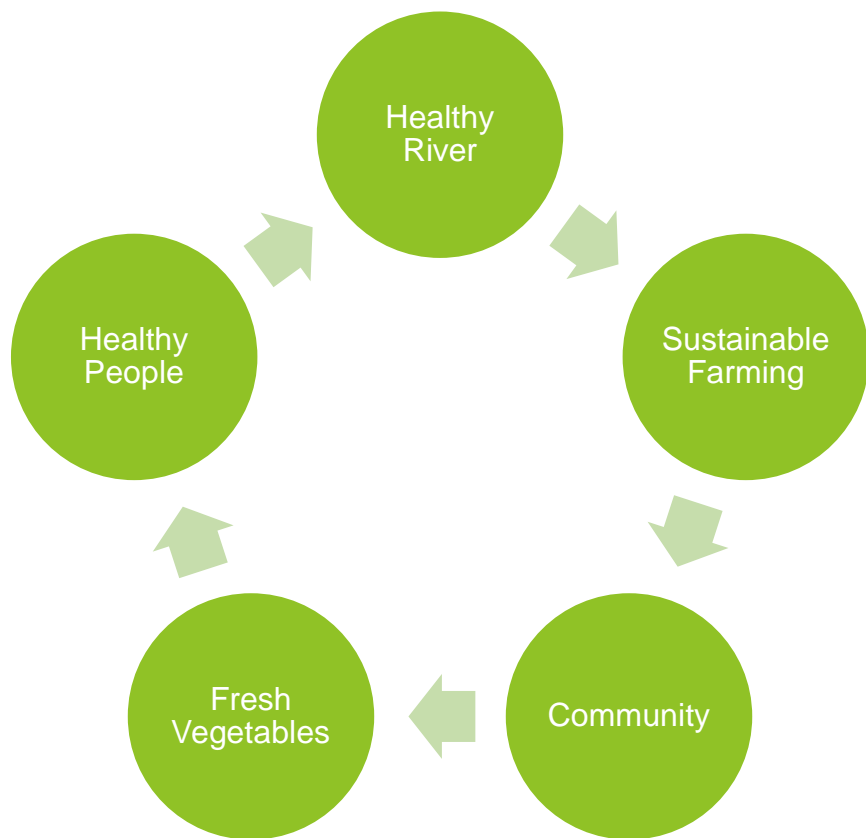
Education Industry

- Education:
- Pukekohe Vegetable Growers Association (PVGA)
- Grower information days held in conjunction with Councils-HortNZ and industry partners.
- School engagement.
- Young Veg Grower comp held Pukekohe bi-annually.
- PVGA Educational Trust launched late 2018.

Education Industry

- Pukekohe Vegetable Growers Association (PVGA)
- Grower information days held in conjunction with Councils-HortNZ and industry partners.
- Growers Sharing practical on farm knowledge and solutions
- Grower workshops and updates





In closing

- The key to success for all is Good robust science and research to mitigate issues without over regulation, this will help us achieve a healthy Waikato river for all of the community.
- The solutions must be practical on farm solutions.