

Commercial Vegetable Production

Land use and tenure

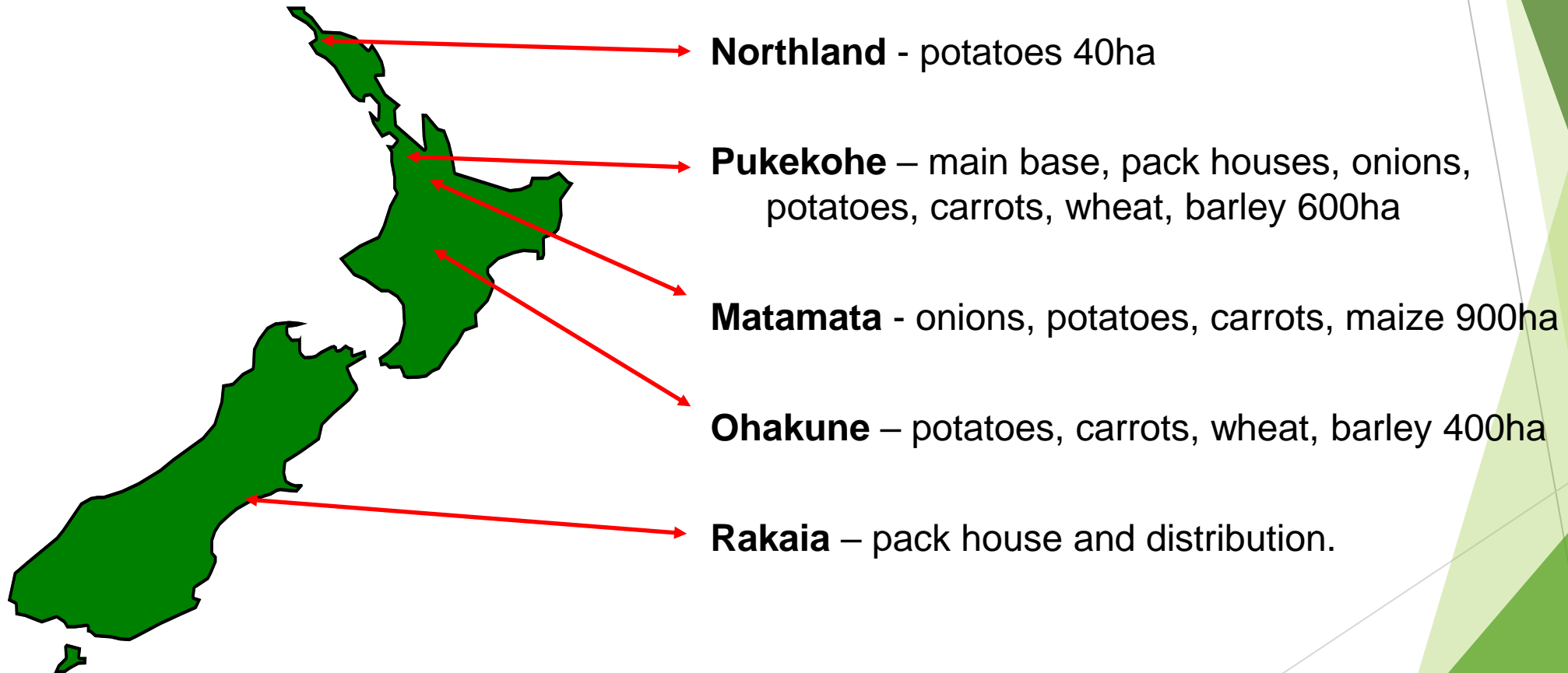
PUKEKOHE
Vegetable Growers
ASSOCIATION

PC1 Block 3 Hearing
15 August 2019



4th Generation Family business
based at Union Rd, Mauku

‘Enterprise’ Areas of Operation



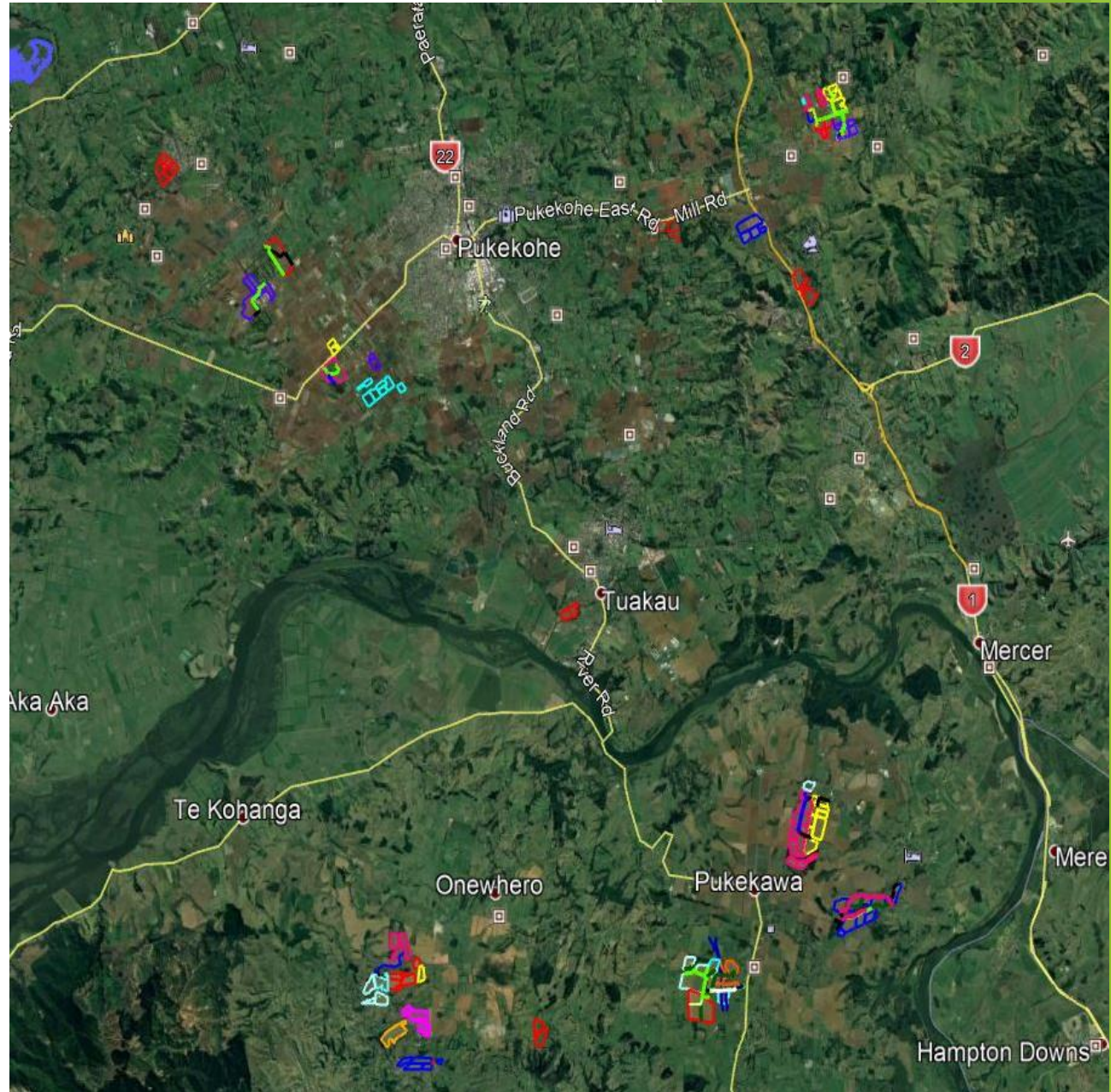
Pukekohe based Growing operations

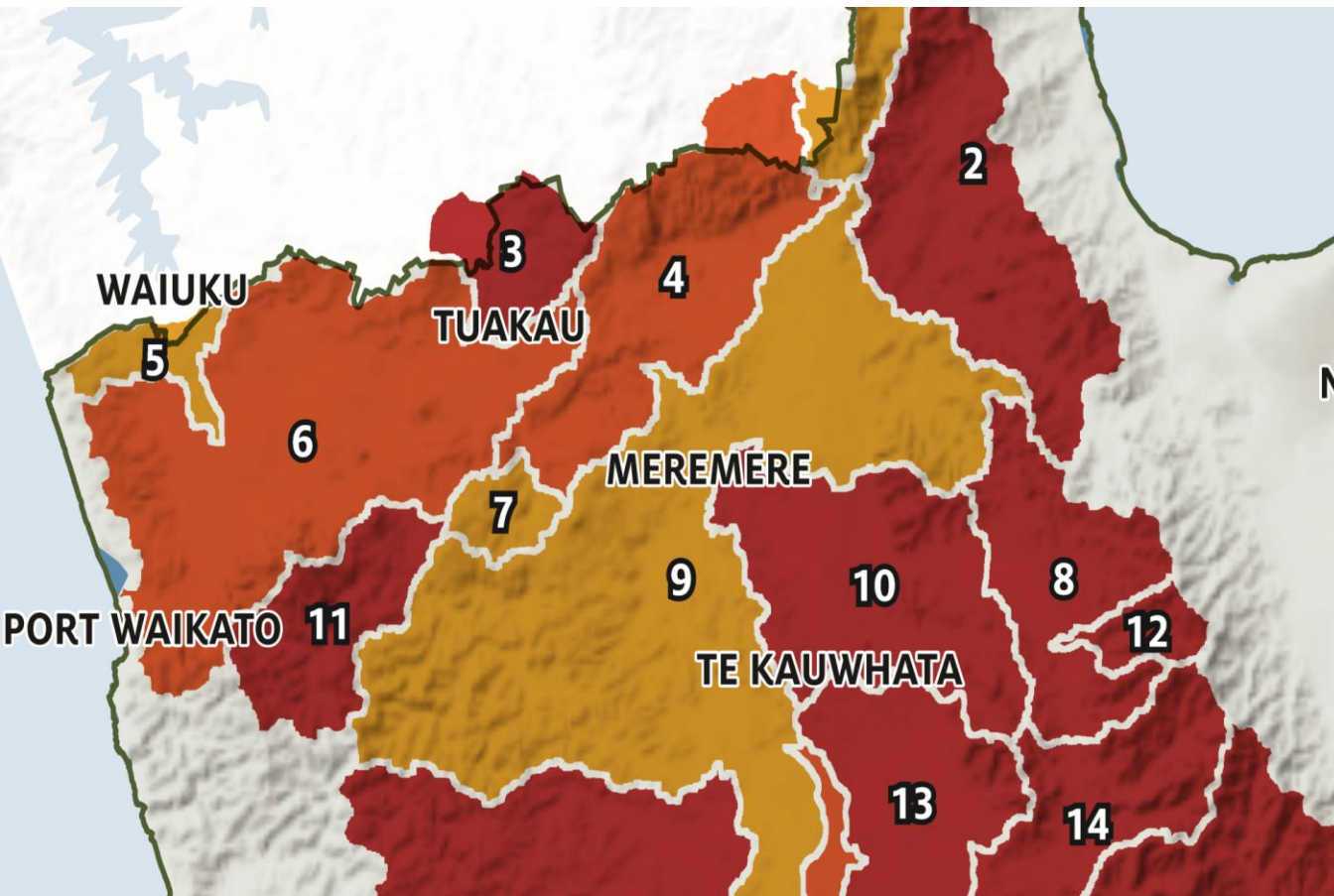
operates across Auckland - Waikato regional divide

cropping activity and rotational plans managed collectively across the wider land base

within this land base, a mix of family owned land and leased land

	Group owned	leased
Auckland	65 Ha	240 Ha
Nth Waikato (PC1)	220 Ha	135 Ha





Operative in 4 sub catchments	
Waikato @ Tuakau bridge	P2
Waikato @ Port Waikato	P2
Waikato @ Mercer bridge	P3
Opuatia	P1

Lower Waikato Freshwater Management Unit

- Sub catchments

LEGEND

Sub-catchment priority rank



— Waikato Regional Council boundary



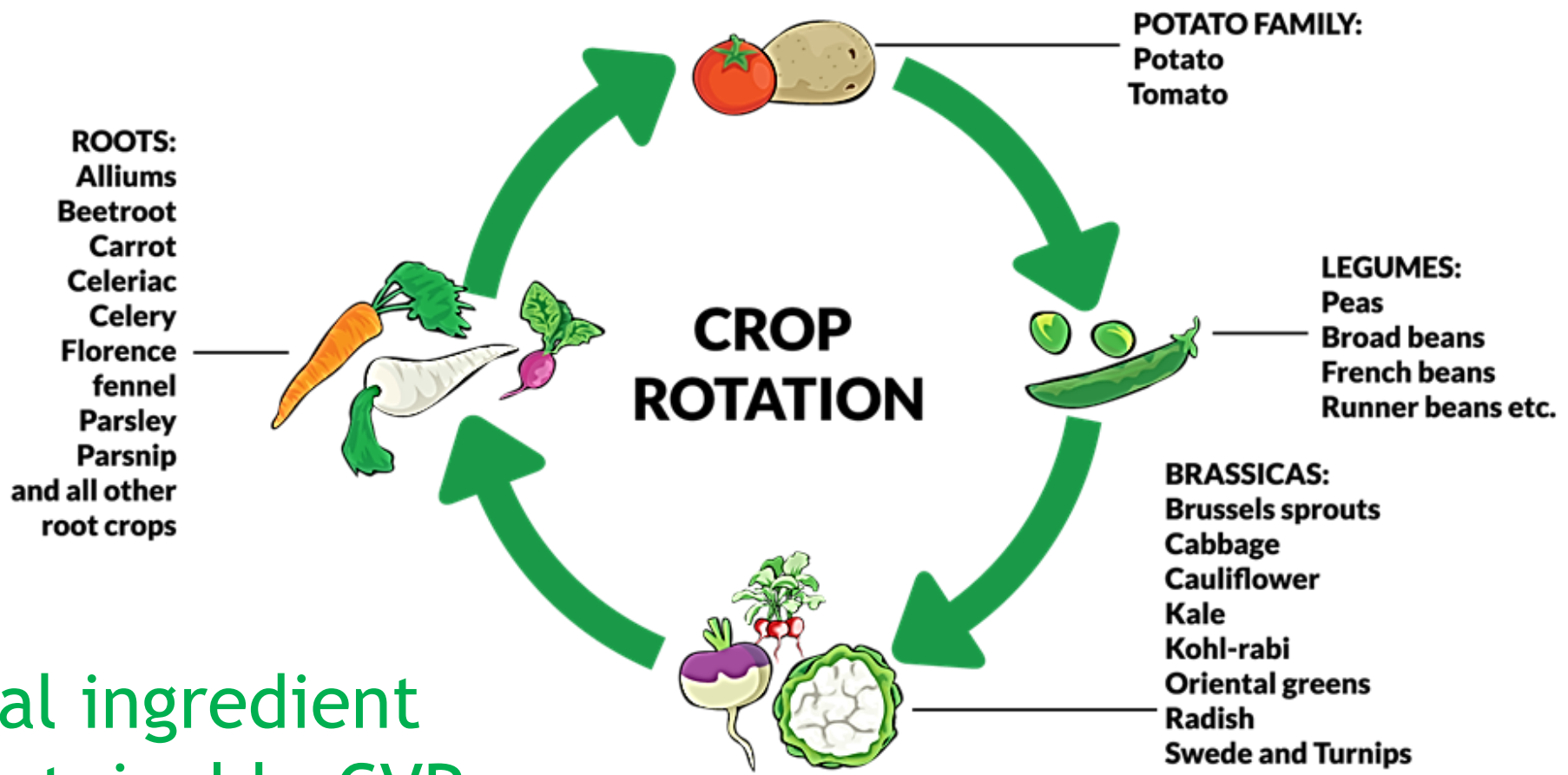
CVP Land tenure within PC1 catchment area

- ▶ Typically, Growers run a balance of owned and leased land
- ▶ Majority of lease hold land is managed long term as per owned land
- ▶ Significant management input and infrastructure typically undertaken & paid for by CVP's

Property management

- ▶ Paddock layout
 - ▶ Crop activity to compliment natural features of property
- ▶ Permanent Infrastructure
 - ▶ Farm tracks/ yards, shelter
 - ▶ Water infrastructure - ground and surface
- ▶ Semi permanent infrastructure
 - ▶ Paddock headlands
 - ▶ Silt traps and cutoff drains
- ▶ Crop Rotation
 - ▶ Paddock rotation
 - ▶ Crop timelines - annual planning
 - ▶ Within crop plantings - individually managed

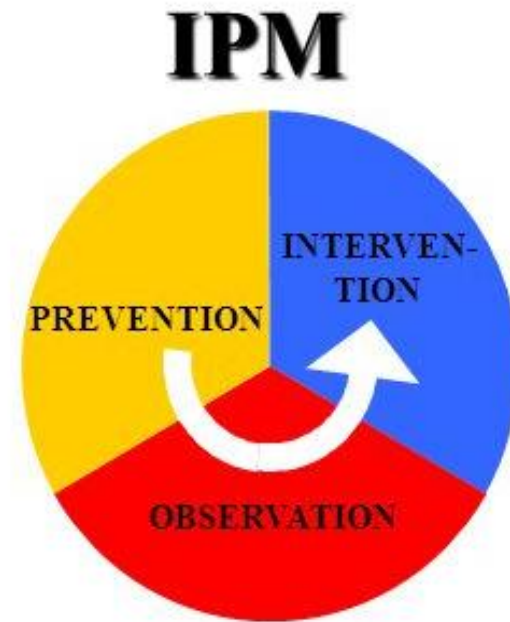
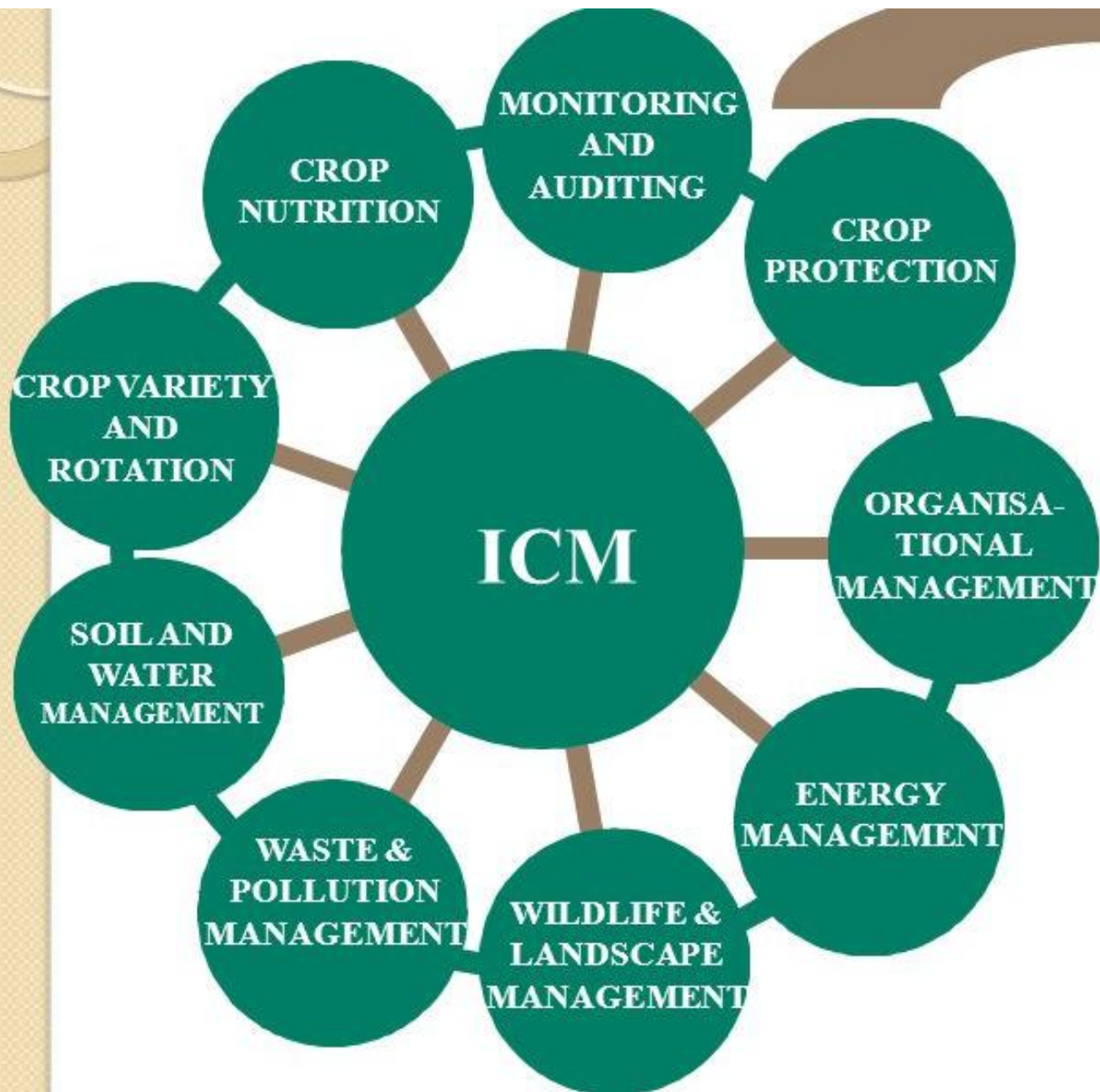




A vital ingredient to sustainable CVP



The consequences of getting it wrong !



Crop Rotational History

T.A. Reynolds Owned Properties

2014	2015	2016	2017	2018	2019	2019-2020	2020
Potatoes	Onion	Onion	Potatoes	Onion	Potatoes	Mustard	Onion
Onion	Potatoes	Potatoes/Mustard	Onion	Potatoes	Potatoes	Mustard	Onion
Onion	Potatoes	Potatoes/Mustard	Onion	Potatoes	Potatoes	Mustard	Onion
Onion	Onion	Pumpkin	Onion	Onion	Mustard	Mustard	Onion
Onion	Onion	Pumpkin	Onion	Onion	Mustard	Mustard	Onion
Grass	Onion	Onion	Potatoes	Onion	Potatoes	Mustard	Mustard
Grass	Grass	Grass	Potatoes	Onion	Onion	Mustard	Potatoes
Grass	Grass	Grass	Onion	Potatoes	Onion	Mustard	Potatoes
Onion	Potatoes	Onion	Potatoes	Onion	Potatoes	Mustard	Onion
Mustard	Onions	Barley/Mustard	Onion	Mustard x2	Onion	Mustard	Potatoes
Onion	Grass	Grass	Grass	Grass	Onion	Mustard	Potatoes
Onion	Potatoes	Onion	Mustard/Pumpkin	Onion	Potatoes	Mustard	Mustard
Onion	Potatoes	Onion	Mustard/Pumpkin	Onion	Potatoes	Mustard	Mustard
Onion	Grass	Grass	Grass	Grass	Grass	Grass	Grass
Grass	Grass	Grass	Grass	Grass	Grass	Grass	Grass
Onion	Potatoes	Potatoes/Mustard	Onion	Potatoes	Potatoes	Mustard	Onion
Grass	Onions	Potatoes/Mustard	Mustard	Onion	Mustard	Mustard	Potatoes
Onion	Grass	Grass	Grass	Grass	Grass	Grass	Potatoes
Grass	Grass	Grass	Grass	Grass	Grass	Grass	Grass
Pumpkin	Onions	Mustard	Potatoes	Mustard/Onion	Grass	Grass	Grass
Onions	Pumpkin	Onion	Mustard	Onion	Mustard	Mustard	Potatoes
Onions	Onion	Potatoes	Onion	Onion	Onion	Mustard	Potatoes
Potatoes	Onion	Potatoes	Onion	Potatoes	Potatoes	Mustard	Onion
Onion	Potatoes	Onion	Potatoes	Mustard	Onion	Mustard	Potatoes
Potatoes	Onion	Potatoes	Onion	Potatoes	Onion	Mustard	Potatoes
Grass	Grass	Onion	Onion	Potatoes	Onion	Mustard	Potatoes
Potatoes	Onion	Potatoes	Onion	Onion	Potatoes	Mustard	Onion
Grass	Grass	Onion	Onion	Onion	Potatoes	Mustard	Onion
Grass	Grass	Onion	Onion	Potatoes	Onion	Mustard	Potatoes
Grass	Grass	Onion	Onion	Potatoes	Onion	Mustard	Potatoes
Grass	Onion	Onion	Potatoes	Mustard	Onion	Fallow	Potatoes
Grass	Onion	Onion	Potatoes	Mustard	Onion	Fallow	Potatoes
Kiwifruit	Kiwifruit	Kiwifruit	Kiwifruit	Kiwifruit	Kiwifruit	Kiwifruit	Kiwifruit
Potatoes	Mustard	Onions	Potatoes	Mustard	Onion	Mustard	Potatoes
Onion	Potatoes	Onion	Potatoes	Onion	Potatoes	Grass	Grass

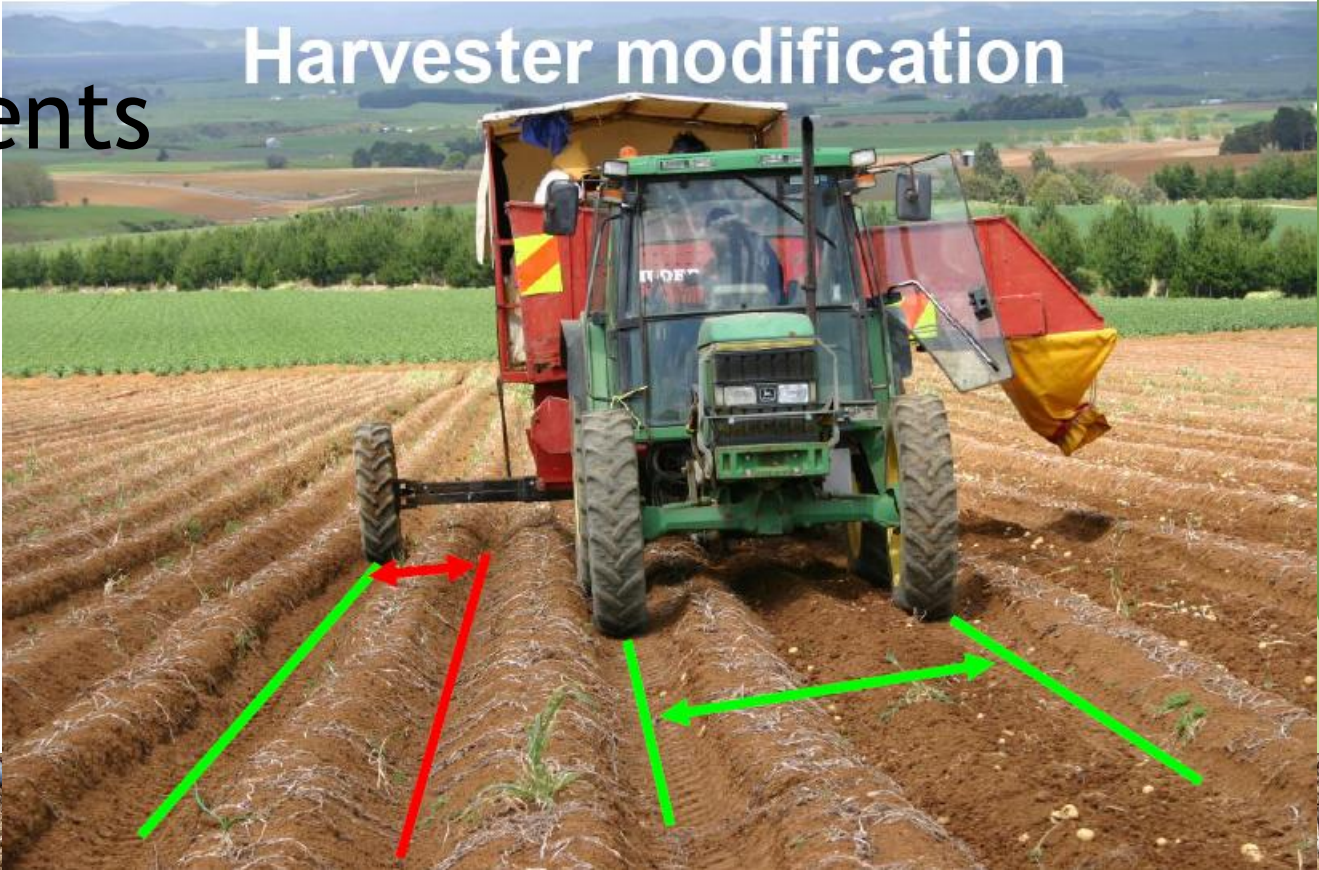
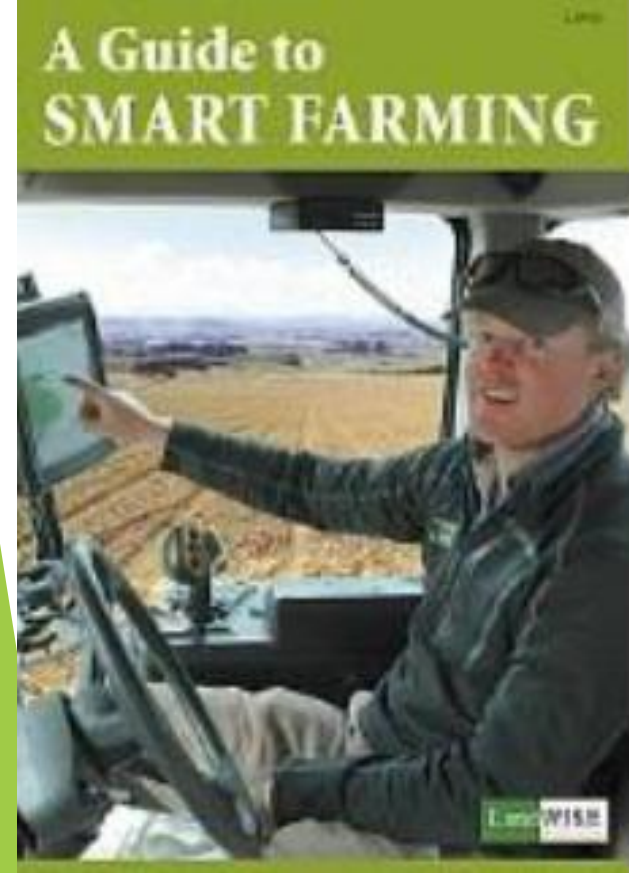
Cover crops - effect on soil-borne diseases



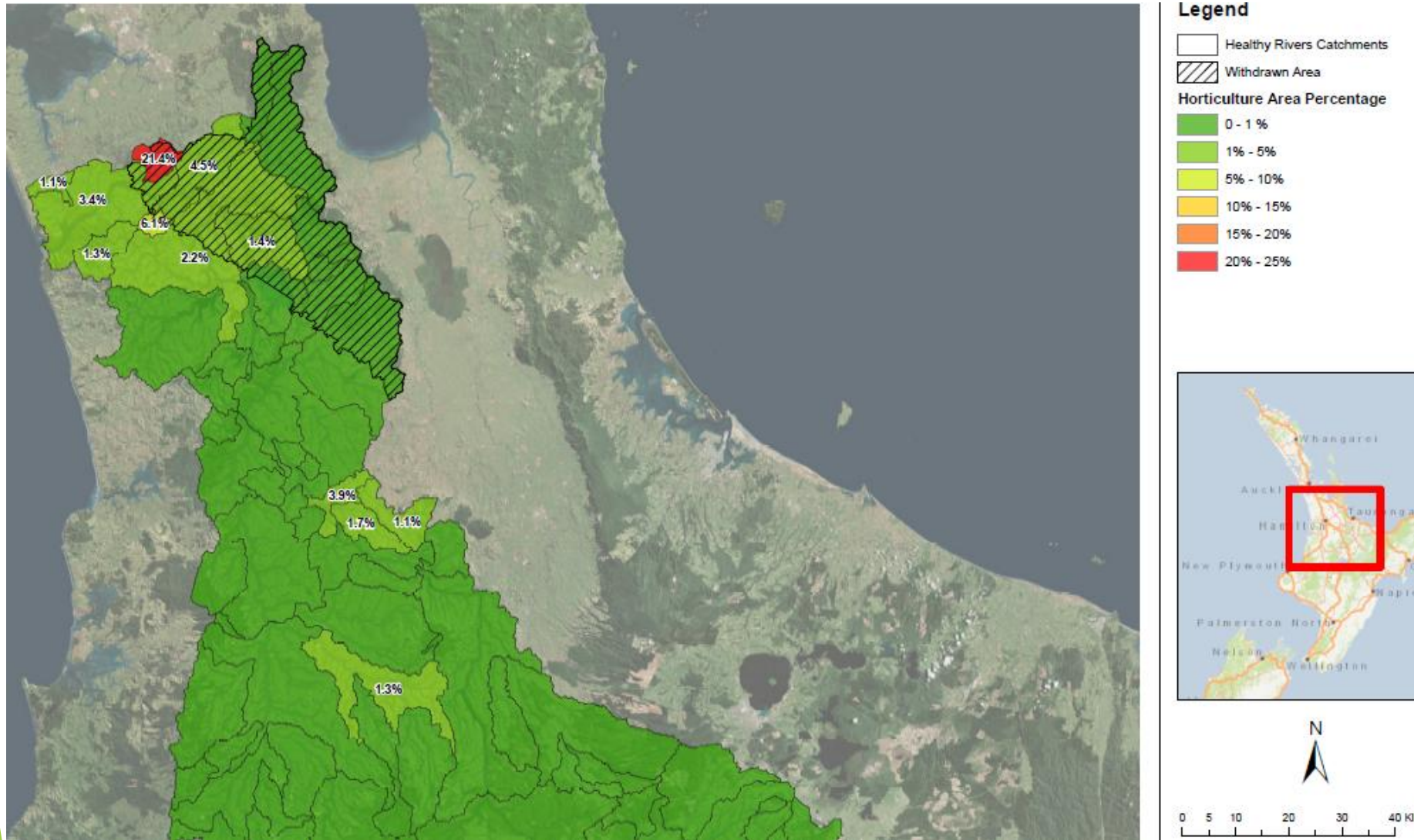
Farming Developments

Harvester modification

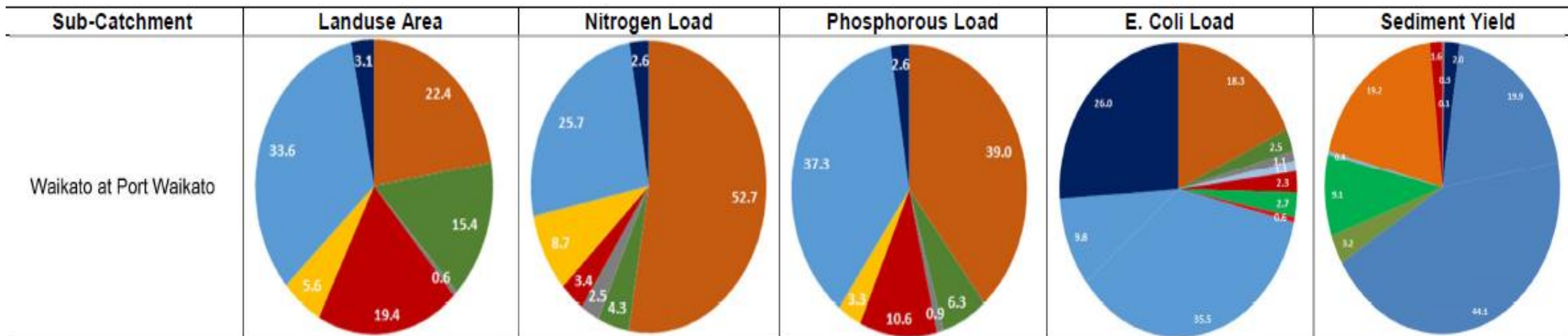
A Guide to SMART FARMING



CVP land use footprint



Waikato @ Port Waikato



■ Dairy
 ■ Forestry
 ■ Horticulture
 ■ Maize
 ■ Miscellaneous
 ■ Native Forest & Scrub
 ■ Other Animal
 ■ Sheep and Beef - Hill and High
 ■ Sheep and Beef - Intensive
 ■ Urban
 ■ Dairy support

In Conclusion

