

The background of the slide is a close-up photograph of an irrigation system. A grey pipe runs vertically down the center, ending in a multi-colored emitter (blue, green, orange, and black). Several thin jets of water are spraying out from the emitter. The background is a bright blue sky with some blurred white structures. The slide is decorated with several blue hexagonal shapes of varying sizes and orientations, some overlapping the main image and others on a white background.

Future Opportunities for Irrigation

Participate

- < 20% of the property irrigated
- Scale current system
- Be no worse off financially
- Improve repeatability of performance
- Rely on inflation and small principal payments to erode debt
- Positioned to take up opportunities as you see appropriate
- Future proof land use capability



Differentiate

- 20 - 60% of the property irrigated
- System Changes
- Multiple enterprises of livestock finishing/crop/feed sales
- Improve repeatability of performance
- Aggressive approach to new opportunities
- Positioned for significant growth
- A strong view to the future



Accelerate

- 60-100% of the property irrigated
- Alternative land use
- High probability of dairy conversion or support to existing dairy unit
- Centre Pivot suitable contour
- Clear end goal

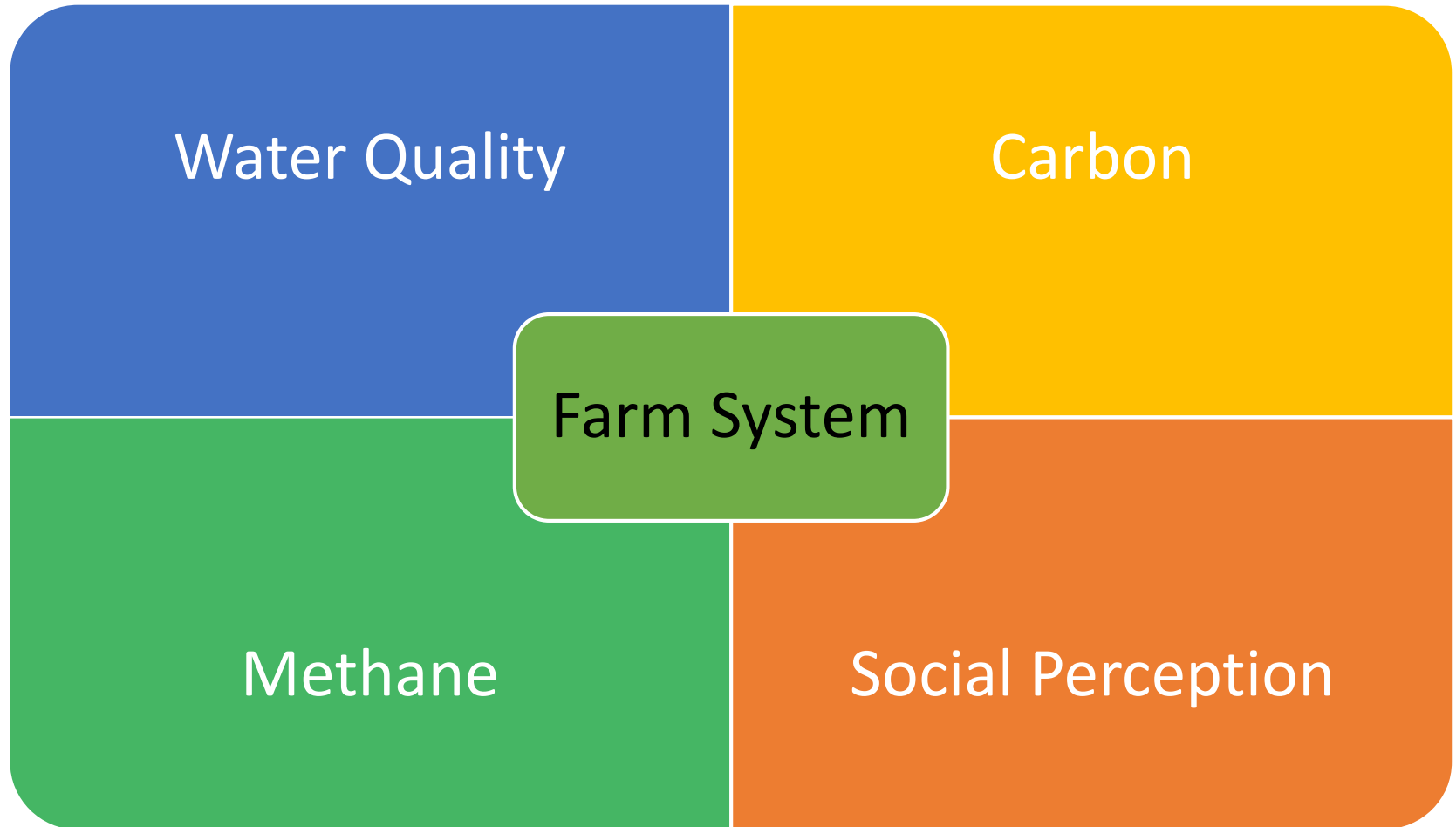


The Future

- Will require reliable access to water
- Hard decisions that will require a compromise
- Global scarcity of water will create additional options
- The importance of irrigation will not diminish, it will only grow
- Water use has evolved and will continue to
- The world will want your water



Decision Matrix



System Opportunities

- Opportunities to diversify product mix to meet compliance obligations
- Diversified revenue streams
- Reliable productivity
- Fresh 'out of season' supply to northern hemisphere
- Shift of workload/timing of events
- Scale up



Canterbury Activity

Crop Type	Estimated Expenses	Estimated Revenue	Gross Margin	Growing Season
Marrowfat Peas	\$1,350/ha	\$4,000/ha	\$2,650/ha	Sep-Feb
Carrot Seed	\$6,500/ha	\$15,000/ha	\$8,500/ha	Feb-Mar
Autumn Wheat	\$1,850/ha	\$4,300/ha	\$2,450/ha	Apr-Feb
Spring Barley	\$1,500/ha	\$2,800/ha	\$1,300/ha	Sep-Feb
Autumn Barley	\$1,700/ha	\$3,500/ha	\$1,800/ha	May-Feb
Clover	\$1,150/ha	\$5,400/ha	\$4,250/ha	Multiple
Annual Grass	\$2,100 + \$900/ha	\$5,000/ha	\$2,000/ha	Mar-Jan
Perennial Grass	\$2,100 + \$700/ha	\$4,400/ha	\$1,600/ha	Mar-Jan
Sweet Corn	\$1,500 to \$2,000/ha	\$3000/ha	\$1300/ha	Nov-Apr
Potato Lease		\$3,000/ha	\$3,000/ha	Sep-Autumn
MA Cow – Kale	\$1,000/ha	\$3,380/ha	\$2,380/ha	Nov-Aug
MA Cow- FB	\$2,400/ha	\$6,500/ha	\$4,100/ha	Oct-Aug



Sheep Milking

Dairy sheep milking is coming of age in New Zealand

Craig Prichard · 12:08, Feb 09 2018



Is this dairy's new thing - milking sheep

7 Apr, 2018 5:00am

6 minutes to read

Wednesday, 14 February 2018 08:55

Sheep milking set to take off

Written by Sudesh Kissun

Sheep-milking gets a hoof-hold in Waikato's dairying's heartland

Gerald Piddock · 05:00, Sep 01 2018



Hemp

Law changes may triple hemp plantings

Heather Chalmers · 12:18, Feb 21 2018



Hemp plantings on high following law change

Heather Chalmers · 05:00, Nov 18 2018



Exporting Water

