

Owl Farm - A sustainable farming Business

De-intensify to achieve environmental outcomes now + more with tech and science		Wait for technology and science to achieve enough environmental outcomes		Invest in infrastructure to achieve environmental outcomes now + more with science and tech	
Negatives	Positives	Negatives	Positives	Negatives	Positives
Some farmers will not support this choice	Takes a strong position of Leadership to industry	Technology could be slow to arrive	Integration could be seamless	Some farmers will not support this choice	Takes a strong position of Leadership to industry
Interim and total opportunity cost could be significant	Environmental outcomes occurs through reduction in nutrients cycled	Technology may require capital outlay later	No capital outlay in interim	This system requires investment in infrastructure for immediate Environmental impact	The immediate investment for the environment gives large and rapid Environmental outcomes
Very little flexibility in system to deal with variable climatic experiences	Fewer variables, makes for a simpler system. Ability to make clear decision rules is easier.	Solutions could be "flash in the pan"	No loss of income in interim	"You can't unpour concrete" and recover capital spend if it doesn't work out like you hoped	Insulates profitability and presents many opportunities for increased returns
Will not be easy to extract highest returns from homegrown feed with minimal stocking rate	Money saved on capital outlay could be deployed elsewhere later for productivity gains	Technology could add considerable costs	Technology could add revenue opportunities	Uncontrolled feed inputs risk increased nutrient cycling. Discipline needed to prove system	Flexibility presented by being able to re-arrange inputs provides huge opportunities to drive profit.
Provides no change to current levels of animal comfort	New Zealand used to farm like this. Much faster journey to understanding optimisation			Will be easier, but still difficult to extract higher returns from homegrown feed with more cows	Actively taking steps to improve animal comfort
Provides no tools to protect pastures and soils from damage					Actively standing off cows to protect pasture, soils, and prevent loss of sediment and ecoli to water