

 OWL FARM Providing knowledge. ST PETER'S SCHOOL & LINCOLN UNIVERSITY DEMONSTRATION DAIRY FARM		 											
		TOTAL	20/21 Actual	Business as Usual		Inflation		Increasing Standards		Future Proofing			
Wages	\$ 241,420	\$ 166,406											
Animal Health	\$ 42,000	\$ 51,485	\$194,000	2.5 FTE	\$10,000	Increase in min wage \$1.1/hr and meeting salary requirements for work visas	\$37,420	Extra 0.3 FTE to achieve 45 hr/wk, use accumulated AL and transition to new technology, PD to meet workplace 360 goals					
Breeding & Herd Improvement	\$ 65,260	\$ 44,104	\$42,000										
Farm dairy	\$ 4,940	\$ 2,433	\$34,760	11 weeks AI			\$6,000	Increase in AB costs for sexed semen and Wagyu to reduce bobbies	\$24,500	DNA sampling of calves every year. Cow wearables from Dec			
Electricity	\$ 12,900	\$ 12,641	\$3,940	No grading			\$1,000	To achieve Te Tihi					
Silage made	\$ 32,820	\$ 20,403	\$12,900										
			\$27,820	180tDM grass silage made	\$5,000	Increasing cost of fuel and labour passed on							
Supplements purchased	\$ 97,008	\$ 132,796											
			\$76,258	240 t PK purchased	\$4,800	Increase in PK and grass silage price	\$15,950	Swap from PK to grass silage to achieve FEI targets. Grass silage and PK to keep calves on chicory and achieve lwt gains. Molasses for animal wellbeing outcomes.					
Calf rearing	\$ 13,000	\$ 13,491	\$11,000	70% bobbies			\$2,000	Calves reared for longer on farm with less bobbies					
Young & dry stock grazing	\$ 69,480	\$ 60,877											
			\$56,520	\$12/hd/wk for 90 R2			\$12,960	Premium to selectively feed to achieve liveweights and cost to yard for heifer synchrony					
Fertiliser (incl. N)	\$ 66,500	\$ 74,253	\$52,100	Cheapest nutrient	\$10,000	Product price increase	\$3,200	Premium for Sustain, SurePhos and SMARTfert	\$1,200	Total N tests			
Regrassing & cropping	\$ 46,600	\$ 41,627	\$34,600	Crop 11ha + 20ha regrass			\$6,000	Chicory for achieving calf liveweight gains	\$6,000	Plantain in swards			
Weed and pest	\$ 2,500	\$ 644	\$1,000				\$1,500	Cost of weed mgt in diverse swards					
Planting	\$ 15,000	\$ 5,817											
			\$0	FEP complete									
Effluent spreading	\$ 15,000	\$ 13,658											
			\$9,000	40ha effluent area			\$6,000	Spreading over non-effluent areas to dilute nutrient loading					
Vehicles - Fuel and R&M	\$ 31,380	\$ 31,439	\$28,880		\$2,500	Increasing cost of fuel							
R&M (land, buildings, plant, machinery)	\$ 56,196	\$ 80,032	\$36,196				\$20,000	On farm accomodation and increased investment in races to reduce lameness					
Freight and general farm expenses	\$ 50,060	\$ 50,077	\$46,060		\$1,000	Increase in freight cost	\$3,000	Increase in sprinkler water use for mitigating heat stress					
Administration	\$ 17,920	\$ 17,320	\$15,920				\$2,000	Subscriptions for reporting and data management					
Rates, Insurance, ACC	\$ 32,500	\$ 30,542	\$32,500										
CASH Farm Working Expenses	\$ 912,484	\$ 850,045	\$715,454		\$33,300		\$117,030		\$46,700				
FWE/kgMS @ 175,000kgMS for each section			\$ 4.09		\$ 0.19		\$ 0.67		\$ 0.27				
FWE/kgMS cumulative					\$ 4.28		\$ 4.95		\$ 5.21				