

George and Jose van der Poel

Farm Location

388 Harbour Endowment Rd, Central Southland

Climate

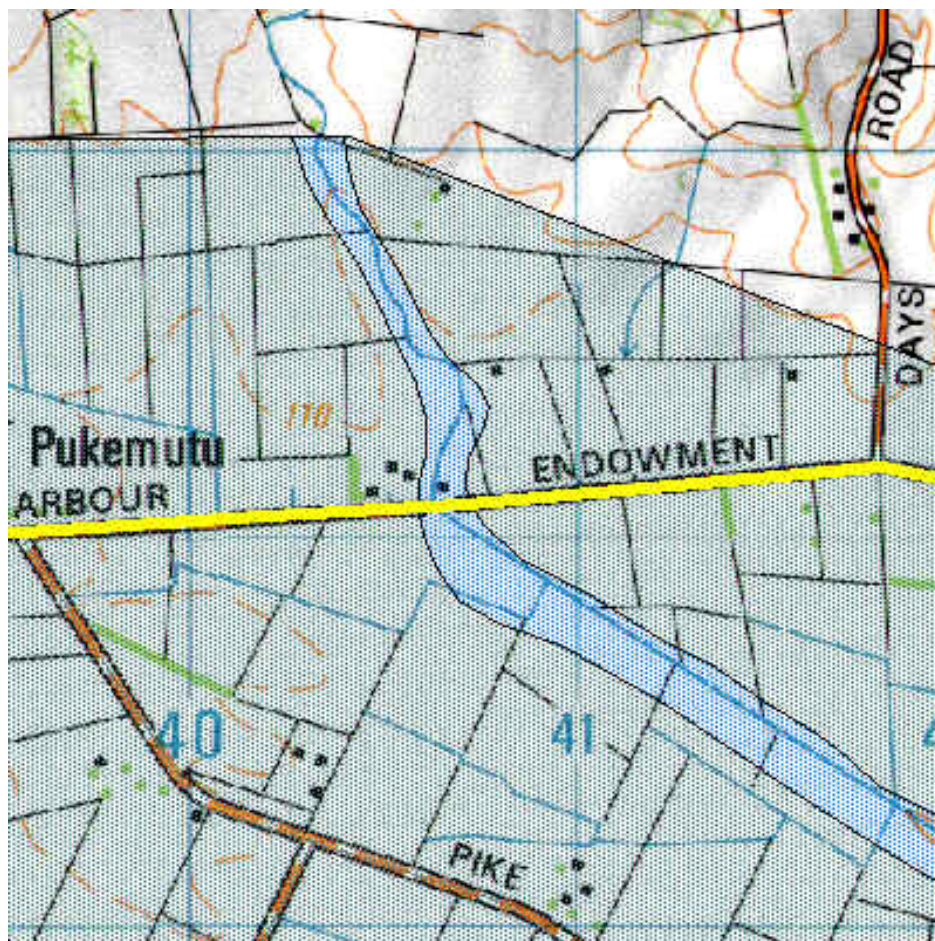
Average Annual Rainfall	
Growing Degree days	2050-2100

Farm Area

	Effective Area (ha)
Milking platform	140 ha
Runoff	40 ha

Soil

	% Farm
Pukemutu	100



Soil Test Results							
Date	pH	P	K	S	Ca	Mg	Na
2007	6.2	30.7	8.5	9.1	9.5	24.5	6.8
2006	6.3	35.5	8.6	7.5	8	22.5	6.6
2005	6.3	34.2	6.4	5.57	9.4	18.2	5.2

Fertiliser History

Date	Dressing (kg/ha)	N	P	K	S	Mg	Na
Season 06-07	Effluent area	98.7	19.8	-	49.3	31.2	
	Non Effluent area	158	32.6	22.5	108.2	31.2	0.5
Season 05-06	Effluent area	100	36	-	46	31.2	-
	Non Effluent area	170	45	65	57.5	31.2	1.6
Season 04-05	Effluent area	100	40	-	51.8	31.2	-
	Non Effluent area	170	45	80	57.5	31.2	1.9

Effluent

Dairy shed effluent is held in a sump capable of holding 40000 litres.
Dairy shed effluent is irrigated onto 40 hectares via a travelling irrigator.

Herd details

BW (rel%)/ PW (rel%)	BW 114/41 ; PW 125/56
Breed	90% friesland
Calving start date	12 August
Mean Calving date	
Mating start date	1 November

		2005-06	2006-07	2007-08
Cows wintered		390	395	
Maximum cows milked		380	390	
kg MS/cow				
kg MS/ha				
No. yearlings grazed	On/Off	Off	Off	
No. calves grazed	On/Off	115	117	
Cows wintered off	Number	260	270	
	Weeks off	9	9	
Stocking rate	Cows/ha	2.71	2.78	
	kg LW/ha	1465	1504	
Supplement Fed to milkers (kg/cow)	Pasture silage	105	128	
	Cereal silage	128	128	
	PKE/Copra	-		
	Grain/Meal	154	0	
	Molasses (total)	3.2 tonne	3.2 tonne	
	Summer turnips			
Supplement made on dairy/ platform (tonne)		20	30	

