

Dairy Barn Water Requirement Calculator*

Enter the following farm data:

Number of lactating/milking cows	1500
Average milk production (litres)	35 **
Parlor or tie stall (P/TS)	P
Collection yard if free stall (Y/N)	N
Plate cooler (Y/N)	y
Milkings per day	2
Plate cooler water reused? (Y/N)	y

Total water needs estimate per day:	
Litres	255525
Imperial gallons	56283
Cubic decametres	0.26

Total water needs estimate per year:	
Litres	93266625
Imperial gallons	20543309
Cubic decametres	93.27

*Calculations are based on Manitoba AVERAGES for

- Feed composition