

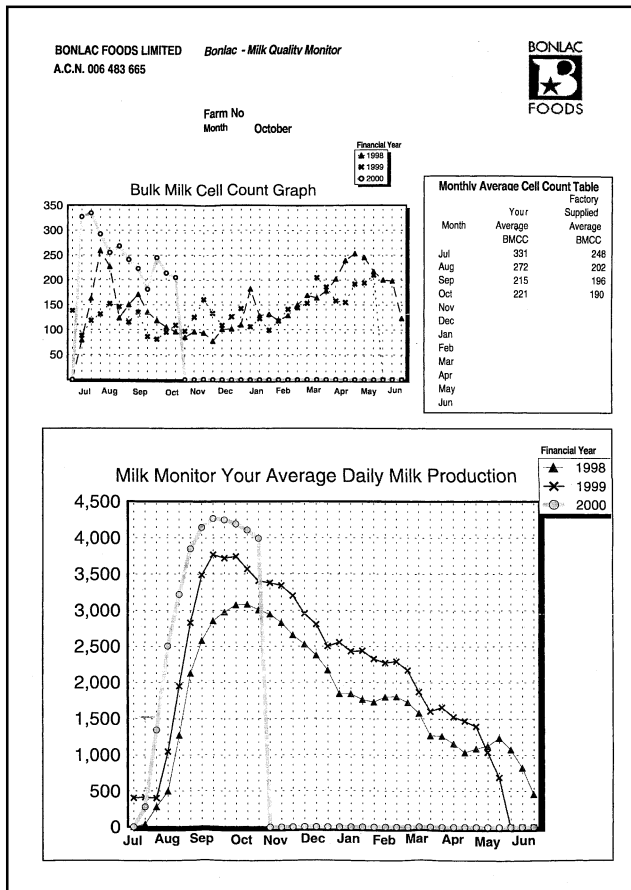
**11.1 Check Bulk Milk Cell Counts whenever they arrive, to see if they have risen.**

BMCCs are generally performed on vat milk samples at daily, weekly or 10-day intervals. Although there is sometimes a lag period, most BMCC reports are received by farmers frequently enough to be a valuable and timely tool for monitoring trends in the current mastitis status of herds.

Herds with BMCC below 150,000 cells/mL have excellent mastitis control. A sudden increase in BMCC may indicate one or more missed clinical cases. If the herd BMCC is usually less than 200,000 cells/mL, an increase of 10% may indicate a missed clinical case (see section 11.3).

Assessment of a series of BMCC, by graphing BMCC against the date, is more useful than trying to interpret daily fluctuations in BMCC. The onset of new infections in individual cows or variations in cell output of cows with existing infections can cause fluctuations in BMCC. Consequently the causes of BMCC increases are more difficult to interpret in herds where there is a high level of existing infection and high cell count herds have greater daily variation than those with low counts.

**Example of a BMCC report from Bonlac Foods Limited**



BONLAC FOODS LIMITED A.C.N. 006 483 665									
Milk Production Statement									
Farm No Month OCTOBER									
Day	Type	Litres	Fat %	Protein %	Fat Kgs	Protein Kgs	Quality Test	Results	Band
01/10/1999	Day	4,203	3.99	3.18	167.7	133.7	BMCC	263,000	
02/10/1999	Day	4,263	4.04	3.24	172.2	138.1	BMCC	217,000	
03/10/1999	Day	3,951	3.96	3.23	156.5	127.6	BMCC	166,000	
04/10/1999	Day	4,325	4.00	3.22	173.0	139.3	BMCC	199,000	
05/10/1999	Day	4,204	3.83	3.28	161.0	137.9	BMCC	280,000	
							Bacto	63,000	1
							Therm	160	1
06/10/1999	Day	4,264	3.82	3.26	162.9	139.0	BMCC	265,000	
07/10/1999	Day	4,081	4.02	3.27	164.1	133.4	BMCC	339,000	
08/10/1999	Day	4,417	4.03	3.25	178.0	143.6	BMCC	312,000	
09/10/1999	Day	4,109	4.12	3.24	169.3	133.1	BMCC	240,000	
10/10/1999	Day	4,101	3.96	3.23	162.4	132.5	BMCC	173,000	
							Avg CC	245,000	1
Total		41,918	3.98	3.24	1,667.1	1,358.2			1
11/10/1999	Day	4,161	4.26	3.14	177.3	130.7	BMCC	151,000	1
12/10/1999	Day	4,133	4.11	3.20	169.9	132.3	BMCC	349,000	
13/10/1999	Day	3,947	4.13	3.21	163.0	126.7	BMCC	286,000	
14/10/1999	Day	4,287	3.99	3.23	171.1	138.5	BMCC	208,000	
15/10/1999	Day	4,025	4.13	3.29	166.2	132.4	BMCC	197,000	
							Bacto	45,000	1
16/10/1999	Day	4,133	3.95	3.27	163.3	135.1	BMCC	195,000	
17/10/1999	Day	4,092	4.01	3.22	164.1	131.8	BMCC	212,000	
18/10/1999	Day	4,077	4.00	3.18	163.1	129.6	BMCC	214,000	
19/10/1999	Day	4,015	4.04	3.24	162.2	130.1	BMCC	172,000	
20/10/1999	Day	4,198	3.97	3.22	166.7	135.2	BMCC	158,000	
							Avg CC	214,000	1
Total		41,068	4.06	3.22	1,666.9	1,322.4			1
21/10/1999	Day	4,035	4.02	3.32	162.2	134.0	BMCC	202,000	1
22/10/1999	Day	3,961	4.19	3.33	166.0	131.9	BMCC	235,000	
23/10/1999	Day	4,073	4.07	3.25	165.8	132.4	BMCC	192,000	
24/10/1999	Day	4,031	4.08	3.26	164.5	131.4	BMCC	165,000	
25/10/1999	Day	3,806	4.40	3.47	167.5	132.1	BMCC	198,000	
							Bacto	20,000	1
26/10/1999	Day	4,197	3.86	3.34	162.0	140.2	BMCC	145,000	
27/10/1999	Day	4,064	3.61	3.39	146.7	137.8	BMCC	220,000	
28/10/1999	Day	4,058	4.00	3.35	162.3	135.9	BMCC	250,000	
29/10/1999	Day	3,911	4.16	3.39	162.7	132.6	BMCC	211,000	
30/10/1999	Day	4,013	4.15	3.33	166.5	133.6	BMCC	234,000	
31/10/1999	Day	3,761	4.14	3.33	155.7	125.2	BMCC	206,000	
							Avg CC	205,000	1
Total		43,910	4.06	3.34	1,781.9	1,467.1			1
							Q/P Band	-	1
This Year		126,896	4.03	3.27	5,115.9	4,147.7			
MTD									
Last Year		110,519	3.87	3.12	4,274.7	3,449.9			
YTD									
This Year		370,718	4.02	3.32	14,899.0	12,293.3			
Last Year		293,948	3.94	3.18	11,588.6	9,340.8			