

Changes make it easier to calculate milk component yields

Billing and payment changes effective February 1 will make it easier for Ontario dairy farmers to calculate component yields for quota and solids not-fat (SNF) ratio calculations.

Although tests won't be reported at more regular intervals, the changes mean test results will be linked to milk pickups from the date they are reported until the next test results are reported.

As shown below, component results from each test are applied to the volumes shipped from that date until the date of the next test result.

In the example shown, there are five test results that are multiplied by the volume each day to give the component yield for each day. For example, on the 2nd of the month, **(A)** 105.59 hl X **(B)** 3.74 BF = **(C)** 394.9066 kg of butterfat yield.

Similar calculations occur for each component every day. These are then totalled on the line at the bottom of the chart.

To calculate any weighted average test result for the month, divide the total yield by the total volume. For example, **(D)** 233,809.48 SCC divided by **(E)** 1,554.60 hl = **(F)** 150(000) weighted average SCC.

Date	Shipments (hl)	Tests Report Date				Yield (kg)			
		BF (kg/hl)	PT (kg/hl)	LOS (kg/hl)	SCC (000)	BF	PT	LOS	SCC
28		3.74	3.53	5.71	153				
29									
30									
1									
2	105.59					394.9066	372.7327	602.9189	16,155.27
3									
4	105.59					394.9066	372.7327	602.9189	16,155.27
5									
6	103.84	3.68	3.40	5.72	189	382.1312	353.0560	593.9648	19,625.76
7									
8	95.24					350.4832	323.8160	544.7728	18,000.36
9									
10	101.52					373.5936	345.1680	580.6944	19,187.28
11									
12	104.89					385.9952	356.6260	599.9708	19,824.21
13									
14	105.59	4.01	3.39	5.76	130	423.4159	357.9501	608.1984	13,726.70
15									
16	105.59					423.4159	357.9501	608.1984	13,726.70
17									
18	105.59					423.4159	357.9501	608.1984	13,726.70
19									
20	105.59					423.4159	357.9501	608.1984	13,726.70
21									
22	102.93	3.68	3.43	5.72	154	378.7824	353.0499	588.7596	15,851.22
23									
24	101.85					374.8080	349.3455	582.5820	15,684.90
25									
26	100.94					371.4592	346.2242	577.3768	15,544.76
27									
28	104.26	3.74	3.41	5.76	109	389.9324	355.5266	600.5376	11,364.34
29									
30	105.59					394.9066	360.0619	608.1984	11,509.31
31									
	E 1,554.60	3.79	3.42	5.73	150	5,885.5686	5,320.1399	8,915.4886	D 233,809.48