



Accessing Maritime Quality Milk Online Lab Results Service

To access MQM's lab results service and view your herd data, click on the linked MQM logo on right side of the DFNS homepage to get to:

<http://www.milkquality.ca/dnsresults/>

At the prompt, enter the same username and password your farm was issued to access MILKLINE, but do not include a tank number. We will be sending those details to your farm by regular mail in the near future. In the meantime, if you have misplaced or forgotten your username and/or password, please email hboyd@dfns.ca or call 897-4141 ext. 5.

Your internet browser should be Microsoft Internet Explorer, as this is the web browser that works best with the service. Other browsers such as Netscape and Firefox also work, however, some features may not function properly.

The first screen will look similar to the one shown here:

MQM Internet Service For Dairy Farmers of Nova Scotia

My Settings

Graph Selection:

Select Farm/Tank: Select Graph: Number of tests: View Graph with Targets

Select ID: 1 SCC 12 View Data in Table

Messages:

Load Recent Test Table...

Somatic Cell Count

1000 Cells/millilitre

700
600
500
400
300
200
100
0

Graph Analysis:
Somatic Cell Count (SCC)

Somatic Cell Count (SCC) is a measure of the number of white blood cells and old milk producing cells in the milk, and is measured as thousands of cells per milliliter. High SCC is an indication of mastitis infected quarter(s). Elevated SCC reduces milk production, as well as milk shelf life and cheese yield.

The strongest association between SCC and udder infection or productivity losses comes from individual cow SCC data (milk recording). For bulk tank SCC, in general, for every increase of 100,000 SCC above 100,000, 8% more cows are infected and herd production decreases 1.5%.

For example, a 100-cow herd with a SCC of 300,000 would have 16 more infected cows and would be producing 100 litres less milk (value = \$70) per day, than a 100,000 SCC herd.

Most Recent Test Results

Herd/Tank: none

Test	Result	Date
BF	xxxx	07-10-22
PROT	xxxx	07-10-22
OS	xxxx	07-10-22
SCC	xxxx	07-10-22
SNFBF	xxxx	07-10-22

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The panel on the left is the most recent test data in the system. You will have to “Select Farm/Tank” from the drop-down arrow box on the top left hand part of the main screen display. If you wish to see all of your test data results in one section, simply click the “View Data in Table” button.

The “Select Graph” tab allows you to choose from five laboratory tests, and “Number of tests” allows you to choose the number of most recent tests.

Please also note that **you will need to click the “View Graph with Targets” button to refresh the screen** after selecting the farm/tank and after selecting which graph you want to see.

“Graph analysis”, in the panel on the right, gives basic extension information about the particular test you are viewing. Please note that some graphs are plotted on a linear score scale—see the panel in the lower left corner for details.

You can set parameters for email notifications by going to “My Settings”.

The screenshot shows the 'Maritime Quality Milk' website interface in a Microsoft Internet Explorer browser. The page is titled 'MQM Internet Service for Dairy Farmers of Nova Scotia'. The main content area is divided into several sections:

- Graph Selection:** Includes dropdown menus for 'Select Farm/Tank' (with a 'Select ID' icon), 'Select Graph' (set to '1 SCC'), and 'Number of tests' (set to '12'). There are buttons for 'View Graph with Targets' and 'View Data in Table'.
- Messages:** A section with a 'Load Recent Test Table...' link.
- Email Notification Filters:** Contains two main options:
 - A) Notify whenever new test results are processed and available online:** Includes an unchecked checkbox and an email address field containing 'earnfast@dfns.ca'.
 - B) Notify when the following filters occur (choose all that apply and/or select "off" to turn off a notification):** Lists five filter types, each with a dropdown menu for 'greater than' and 'or value is less than' thresholds:
 - 1) SCC values are greater than: [dropdown]
 - 2) Butterfat value is greater than: [dropdown] or value is less than: [dropdown]
 - 3) Milk Protein value is greater than: [dropdown] or value is less than: [dropdown]
 - 4) Milk Other Solids value is greater than: [dropdown] or value is less than: [dropdown]
 - 5) Milk SNF Ratio value is greater than: [dropdown] or value is less than: [dropdown]
- Graph Analysis: Somatic Cell Count (SCC):** A text box explaining that SCC is a measure of white blood cells and old milk-producing cells, measured in thousands per milliliter. It notes that high SCC indicates mastitis and provides a link to 'The strongest association between SCC and udder infection or productivity losses comes from individual cow SCC data (milk recording). For bulk tank SCC, in general, for every increase of 100,000 SCC above 100,000, 8% more cows are infected and herd production decreases 1.5%.' It also includes an example: 'For example, a 100-cow herd with a SCC of 300,000 would have 16 more infected cows and would be producing 100 litres less milk (value = \$70) per day, than a 100,000 SCC herd.'

On the left side, there is a 'Most Recent Test Results' table and a 'Dairy Farmers of Nova Scotia' logo with a 'Contact Us' link.

Email notification filters allow you to customize when the graphing service will notify you regarding new data in your account. Selecting option “A” will notify you by email whenever any new data is available. Option “B” will notify you in the event of going over or under a certain threshold, according to the parameters you select.

Data is currently updated four times per month, on fresh sample weeks. The timing of sample data getting posted into the service is within approximately four hours of MQM’s receipt of lab test results.

For additional technical support, or to report any issues or inconsistencies, please email hboyd@dfns.ca or call 897-4141 ext. 5.

There is a tutorial PDF file located online. The file is quite large, so it may be best to download it to your desktop/laptop for viewing. This is especially true if you are accessing this service via dial-up. Please note that there are slight appearance differences between the getting started file and this tutorial. To access the tutorial, click on:
<http://www.milkquality.ca/results/tutorial/tutorial.pdf>

If you do not have Adobe Flash player installed on your desktop, you may be required to download it (the service uses it in presenting the graphs). It is free and you can download it at:
<http://www.adobe.com/products/flashplayer/>