

Froth Fighter

Milk Froth build up in the receiving cans of Dairy Sheds/Parlours becomes an issue when it overflows into the Sanitary Trap and/or the vacuum pipes. Froth Fighter is a method of controlling the speed of the milk pump in order to limit froth build up in the Receiving Can. The 'Froth Fighter' Software that does this is incorporated into the Sema Variable Speed Milk Pump Controller.



How Froth Fighter Works

The Sema controller uses an analogue float level probe which can accurately measure the level of milk in the Receiving Can. As soon as milk starts entering the receiving can and the float level probe starts to rise the Sema Controller begins to accelerate the pump, it will continue to accelerate the pump until the level of milk in the receiving can starts to drop. At this point the Sema controller will **keep the pump running at whatever speed it accelerated up to until the can is empty and the pump out timer has timed out.**

This seemingly simple method (it's not really that simple to do, there is a lot of software involved in making this happen) automatically causes the pump to be running at the optimum speed for clearing the can of milk and froth .

Froth Fighter is a selectable operating mode in all Sema MPC's. It can be used with any type of pump but will give the most noticeable benefits when used with centrifugal pumps as all other pump types are good at pumping froth anyway.

There are now hundreds of dairy farms running Froth Fighter software. With very-very rare exceptions Froth Fighter has solved the frothing issues on these farms and, in the vast majority of cases, has been the only froth prevention measure that has been needed. In the small number of farms where the frothing issue has not been solved Froth Fighter has always made an improvement and, in the early days when I was offering a money back guarantee on Froth Fighters effectiveness, not one single farmer asked for his money back.

For more information on Froth Fighter please visit www.sema.co.nz. Please turn the page to see testimonials from farmers who use Froth Fighter:

Froth Fighter Testimonials



Steve from Waikato says:

"Our cow shed is only a few years old but we have had problems with froth from day 1. We tried a lot of different things including fitting a froth bar but, although this helped, froth was still overflowing into the sanitary trap at every milking.

In desperation we replaced our Milk Pump Controller with a Sema unit which had the Froth Fighter software installed. We have now gone through an entire season and, I can honestly say, it has totally cured our frothing issue.

Since fitting the Sema unit we have turned our froth bar off as it is no longer needed".



Tony from Taupo says:

"Our frothing problem was so bad that we would have to shut down at least once during every milking to empty the sanitary trap. Since fitting the Sema controller we have never had to stop during milking and we have also turned our froth bar off.

The Sema controller has made a huge improvement to our frothing issue".



Graham from Northland says:

"Ever since we purchased our current farm 15 years ago we have had severe frothing problems. We have tried all kinds of different remedies, some of them quite expensive, but nothing made any significant difference.

We were at the point of seriously considering purchasing a new milking plant and thought that, as a last resort, we would try a Sema controller with Froth Fighter software.

From the day that it was installed our frothing issue was eliminated, we have a double herring bone with two receiving cans and pumps and when we saw the difference that the Sema controller made we purchased another one for the second pump.

I can honestly say that, after 15 years of struggling, we no longer have a froth issue".