



The Nutribio FlowMag range is administered through the drinking trough using one of two suggested methods. The liquid is blue to ensure that farmers know it is present.

Method 1: Using a Proportioner Pump. This is an on-line metering pump treating all drinking troughs. The Dosatron pump is a water powered (no batteries or electricity) dosing pump. It is installed directly in the water supply line and the pump operates using the flow of water as the power source. The water activates the Dosatron pump which takes up the required percentage of concentrated Flowmag product directly from the barrel and injects it into the drinking water. Inside the Dosatron pump the Flowmag product is mixed with the drinking water and the water pressure forces the treated water downstream. The dose of Flowmag product is directly proportional to the volume of water entering the Dosatron regardless of variations in pressure or flow which may occur in the waterline,

The Dosatron pump is adjustable to include from 0.2% up to 2% inclusion and can be varied to dose anywhere in between these settings.

The Dosatron pump will only work when there is a flow of water and doesn't work when the troughs are full. The pump itself clicks like a mains fencer which is the first indicator that the pump is running and because Flowmag products are coloured blue the concentrated Flowmag products can be seen in the dosing tube as well as a more dilute colour in the water troughs.

Many farmers reduce down the dosing rate as the risk of tetany reduces but continue with a very small inclusion right throughout the Summer. There is a by-pass on top of the pump which will allow the water to flow through the pump without activating the pump.

Nutribio recommend setting the pump at 1% when the cows are put out on grass first. When the weather gets warmer the setting can be reduced back to 0.75% and then to 0.5% as the cows will be drinking more. Settings depend on the amount of water the cows are drinking. Pumps average around €350 and have a lifespan of at least 10 years. ***This system is labour saving and one of the most cost efficient methods of administering magnesium and trace elements to your animals.***

Method 2: Using a Dispenser. This system is used by farmers who do not want to purchase a dosatron pump and whose water lines go into the main dwelling house. The daily dose of Flowmag product is added into the drum (depends on the number of animals), the dispenser is attached to drum & placed in the drinking water. There is an initial capital cost of around €35.

