

CARAMILLO™

Tech Sheet
August 2020

Bell Booth

Drive your cows to drink by disguising unpalatable stock drinking water

Water is one of the essential components of any animal's diet, and any restriction to intake can compromise their growth, development & health. Cows need water to maintain vital bodily functions, help eliminate the waste products of digestion and metabolism, and regulate blood osmotic pressure.

Since whole milk is 87% water, milk production has a direct correlation to the amount of water consumed. Both water quality and intake are important; however, we know that unpalatable water restricts intake. Any reduction in the daily water intake can reduce dry matter consumption, therefore, reducing milk production. During the hot summer periods, a decrease in water intake can also cause dehydration in lactating cows.

Water medicating is one of the most common methods of supplying critical medications like magnesium, trace elements & bloat oil, to name a few. This proven system easily allows farmers to address the issue of water palatability and keep their animals drinking.

Caramillo is a unique product; it is both a masking and a flavouring agent. In comparison, a flavouring agent only sweetens the water. Caramillo disguises the **smell** and **taste** of bitter medication like magnesium, zinc and bloat oil or unpalatable water. By disguising the medication in their drinking water, you will drive your animals to drink more water. You can then be confident they are receiving their required dosage of medicine.

Best practices



1. Ensure cows have access to fresh, palatable water every day.
2. Dairy cows can consume up to 110 litres/day each, during the summer months, so ensure the water system can maintain supply and your dispenser is designed for the level of demand.
3. Lactating dairy cows will visit a water trough 6-9 times a day depending on their size, ambient temperature, consumption of feed supplements, walking distances & milk production.
4. Unpalatable water can reduce your animal's water intake. Reduced water intake means decreased availability of the medication, which can be detrimental to cow health and performance, e.g. magnesium, selenium.
5. Just add Caramillo into your Dosatron solution tank daily based on the volume of medication being dosed.
6. An elevated dose of magnesium or zinc will increase the bitterness in the animal's drinking water. If you are dosing at the highest rate, then use the 40mL dose rate of Caramillo per kilogram of magnesium or zinc.
7. Caramillo can also be used to enhance the value of the meal and hard feed when weaning young stock.



Dosing regime

Water medication: 20-40 millilitres (mL) of Caramillo per kilogram or litre of magnesium, zinc or bloat oil dosed. Example: for every 25kg of magnesium dosed per day add 500-800mL of Caramillo Masking and Flavouring Agent to your Dosatron solution tank.

Drinking water: To disguise bitter-tasting drinking water add 20-40mL (approx two capfuls = 40mL) for every 20 litres of drinking water.

If required, consult with your nutritional advisor or Bell-Booth representative on:

0800 80 90 91

info@bell-booth.co.nz

www.bell-booth.co.nz

