



HYDROGEN PEROXIDE ON THE DAIRY FARM

In the dairy shed...

It is reported that its addition to the shed water supply gives excellent results when rinsing milk lines and bulk milk tanks. Bacteria and milkstone can be controlled with very low dilutions of hydrogen peroxide.

Positive savings will be achieved with the use of hydrogen peroxide to replace a host of chemical detergents and is effective in hot or cold water. Its residual effect in wash water allows the water to be used time and again.

An important feature of hydrogen peroxide's ability to disinfect is its cessation of foaming when all the bacteria have been treated. In other words, where there is foam there are bacteria. In the correct dilution, hydrogen peroxide is safe for cleaning floors and walls by being left until all foaming stops. To check that the area is fully cleaned, rinse again with the diluted mixture and if no further foaming takes place, the area is clean.

In stock water...

It is claimed that the addition of hydrogen peroxide to stock water increases the oxygen level in the blood. This gives rise to an increase in milk production, butterfat content and lower cell count. After some 4-6 weeks of use in stock drinking water, mastitis is said to disappear.

Hydrogen peroxide use is environmentally responsible with no toxic decomposition elements other than water and oxygen. Even when the wastewater from the dairy reaches the paddocks, the oxygenating effect of hydrogen peroxide gives rise to higher oxygen levels in the soil. The effect is to refresh and reinvigorate the soil and soil and plant life.

Dilution rates:

To replace most detergents, dilute to 700 ppm by mixing 100ml of 35% hydrogen peroxide to 50 litres of water. (Add 70ml if using 50% H₂O₂)

For stock water treatment, dilute to 35 ppm by adding 5ml of 35% concentration hydrogen peroxide to 50 litres of water. (Add 3.5ml when 50% H₂O₂ is used)

CAUTION: Undiluted Hydrogen Peroxide is a very strong oxidising agent and must be handled with extreme care.

FOR FURTHER INFORMATION CONTACT

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