

Anwendungsbericht/User Application Report

Produkt/Product:
AquaKat

Fachberater/Consultant:
Penergetic Canada
Derek Pratt

Anwender/User:
Various

Datum/Date:
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Application in Dairy Farms, Canada

Dairy farm, 180 cows

- Improve water quality
- Avoid harsh chemicals
- Achieve better health and performance

There has been great success at reducing the hardness of water using the AquaKat. It can be used to address iron in the water and eliminate hydrogen sulphide. Since animals like the better taste of the water, they drink more. Based on tests, an average 1.5 litres increase in milk production per cow per day and reduced use of detergents in the milk parlour has been observed.

The AquaKat XL has a capacity of 6,000 litres per day, means one AquaKat XL per 60 cows. This usage calculation is based on 100 litres per cow per day (more for regular milk cows and less for cows during gestation). A difference was noticeable after one month, but it achieved its maximum effectiveness after three months.

With respect to wash water in the milk parlour, it is much easier to clean up after milking with the AquaKat water. There was one farmer who forgot to use detergent one day and he noticed that it was just as effective (with just the AquaKat water) as when he used soap.

In the case of water from a groundwater source, we recommend that some penergetic w (for groundwater) be used – at a rate of 2.5 kg every 3 months – suspended in the well or storage tank in a flow through filter cloth bag (so the product slowly dissipates to the water supply).

Alberta Organic dairy farm, 400 cows

- Algae problem in water tank solved

The iron-derived algae bacteria sludge in a water tank could be resolved simply by installing an AquaKat XXL.



Water tank



Water tank inside before using AquaKat