

AquaKAT[®]

DAIRY OPERATION WATER TREATMENT

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

Three examples of AquaKAT usage in dairy operations (Quebec, Canada)

Dairy Farm 1

- 80 cow, tie stall style dairy operation, cows milked twice daily
- two AquaKAT 2" were installed
- after one (1) week there were observing an extra 1 litre (2.2 lbs.)/cow/day of milk production

Dairy Farm 2

- 250 cow, free stall dairy operation
- 4 AquaKAT 2" were installed
- Three weeks after AquaKAT installation the operation ws producing 100 liters (220 lbs.) more milk per day (= CAN\$30,000 / year extra).

Dairy Farm 3

- 250 cow operation (leading producer - average 40-45 litres of milk/cow/day)
- Feed: 70% corn silage, 30% hay silage, 1 kg grain per 7 litres of milk produced; Butter fat: 4.43
- Limescale problem in milking robots so installed 8 AquaKAT 2"
- One month after AquaKAT installation milk production up 1.0 litre/cow/day (total: 250 l/day)
- Revenue increase: \$232.50/day (\$85,000.00 per year)!!
- Farm also uses penergetic g, b and p in their operation.

**** NOW recommend using AquaKAT 8+ to allow for higher water use at farms ****

Concluding Observations: Best results were achieved when the number of AquaKATs used was double the quantity of AquaKATs that the daily water consumption would suggest was warranted. Experience has shown that when install the number of AquaKATs to just match the cows' daily water consumption the results obtained were less satisfactory.



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