



MetO₂ IN GOATS DRINKING WATER

In June 2023, whilst I was in The Netherlands I also visited a couple of goat farms. They had heard of METO2 through the grapevine.

Please note: we do not advertise METO2 in Agricultural magazines in the Netherlands or anywhere else for that matter and rely fully on farmers telling other farmers about METO2 and the benefits they have obtained – basically word of mouth. Generally farmers call us wanting to have a METO2 system installed into the drinking system for their animals. In the Netherlands we generally install some 5-10 new systems a week.

These farmers had heard of the benefits a dairy farmer had obtained and wanted to know if this could also be applied to goats considering that cows and goats have a similar digestive system: *four-compartment stomachs especially designed to digest roughage (food high in fiber) such as grass, hay and silage. The goat's stomach has four chambers: 1) the rumen, 2) the honeycombed reticulum, 3) the omasum, and 4) the abomasum or true stomach.* The main reason for their interest in METO2 was to improve the general health and well-being of the herd as they had been struggling with this for some time.

FIRST BENEFIT: MORE MILK

Both farms have around 850 milking goats at any time – meaning that the total heard size is bigger.

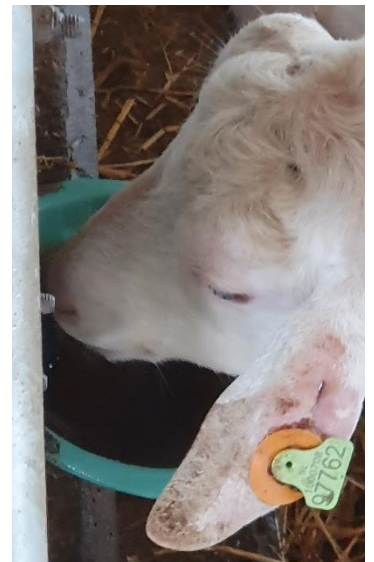
Increase in milk production is 300 L per day

This may not seem at lot but for goats this is a lot of extra milk. For the farmer it is economically very beneficial.

2023 Dutch price of goat milk - with fat and protein percentage of 7.50%: € 78,89 per 100 L milk.

Extra profit per day: $3 \times 78,89 = € 236,67$

Extra profit per year: $365 \times 236.67 = € \underline{\underline{86,384.55}}$



GENERAL HERD APPEARANCE

The main reason these goats farmers were interested in MetO₂ was to increase the well-being and health of the herd and to reduce young goats mortality rate.

We know from experience and from published research that MetO₂ will boost the natural immune system of animals such as chicken and pigs. We have also seen this in cattle and fully expect the same effect in goats.

The introduction of MetO₂ in both goat farms has shown the following general benefits:

- Coat of goats shine more
- Goats are much fitter
- Lower mortality rate
- Goats have more urge to be milked – probably because they are producing more milk.



CONCLUSION

These two goats farmers had fairly similar issues and experienced similar benefits.

Besides the dosing of METO₂ into the drinking water system, nothing else was done, changed or adapted.

One farmer had a water ionizer and I recommended that he disconnect it a few weeks after he started using METO₂ (that's when I was told about it) and asked him to inform me if he experienced anything negative from removing the system from the drinking water system.

Never heard back from him after he removed it and saved him some more money!

