

# Mineral Bolus

Min. bolus instead of Powdermin.



## Why provide a mineral bolus instead of powder minerals?

Providing the mineral boluses to your cattle has three advantages compared to powder minerals:

- 1) Functioning
- 2) Individual applicability
- 3) Easy to use

### 1. Functioning

Mineral boluses go directly into the stomach and provide a guaranteed and controlled release of dietary elements per day. Powder minerals are in terms of use depending on the absorption (=uncontrolled). When providing powder minerals with a diet feeder, the powder minerals should be mixed approximately 20 minutes to obtain a good mixture of the minerals.

How long do you need to mix?:

You will soon find out that this can't be done with the food because it will turn into a paste resulting loss of structure in your ration. Structure in the ration is essential for the optimum in the rumen.

When providing mineral powder separately in the feeding, absorption per cow can't be guaranteed. Also, in the last week before and the first week after calving absorption of dry substances and powder minerals will be very low.

Cows with a negative energy balance need all vitamins and minerals in order to restore the energy balance as soon as possible. Cows with a negative energy balance turn out to have a lower resistance and have a larger occurrence of the following infections: Mastitis, afterbirth (lots of pus) and cysts (sacs on the ovaries)

## Result with the bolus:

**100% absorption and utilization, despite the 40-50% of lower dry substance intake.**

### 2. Individual applicability

Decide yourself which cows will and will not get the mineral bolus. Cows you will soon get rid of you don't have to give a bolus, when providing the mineral powder she will eat it anyway.

### 3. Easy to use

Administrate twice a day instead of powder minerals every day.

You should give a (mineral bolus) shot when you stop milking the cow and when your cattle is in lactation for two months. Easy to apply with a bolus applicator.

## Reasons why more and more farmers choose the mineral bolus:

1. Improved fertility cattle
2. Lowering health issues (mastitis, milk disease, afterbirth)
3. Scientifically proven
4. Increased growth young cattle