

VULKAMIN: ANTISEPTIC CUBICLE BEDDING POWDER

Vulkamin® is rapidly becoming the preferred antiseptic cubicle bedding powder used on many dairy farms in the South-West. Over one hundred and fifty of our customers are benefiting from the benefits of using Vulkamin which include, reduction in cell count, reduction in loss of nitrogen compared to using hydrated lime and is non abrasive to the teat or hand.

How Vulkamin works:

The disinfectant effect of vulcamin is due to the rapid rise in pH. Microbes cannot tolerate fast changes in pH and most of them will die off. This is the case with the mastitis causing microbes, **Streptococcus** and other **pathogenic bacteria**. The pH rise of 2 points in the cubicle means the acidity is reduced by 100x in less than 10 minutes.

Properties of Vulkamin:

- Fast drying capacity
- Disinfectant to prevent cross-contamination and infection
- Improves and maintains the hygiene of the cubicles.
- Kill time less than 15 minutes
- pH rises by 2 points in 10 minutes.
- Soft texture of the powder is non-abrasive for the teats and hands
- Reduces the loss of nitrogen
- Reduction of flies

Application:

Spread a thin layer (50-100g) of Vulkamin where the cows lay especially the area which comes into contact with the udders and on moist and damp areas. In calving boxes Vulkamin should be spread all over the floor. A daily application ensures optimal cubicle hygiene contributing to a prevention of cross contamination and mastitis. An extended benefit of using Vulkamin in animal housing is it's rich

source of nutrients, trace elements and soluble silicic acids. These components feed the grass via the soil when the slurry is spread and thus reduce your daily requirement for farm minerals.

How does Vulkamin® cut costs?

When lime is used in the cubicles most of the lime ends up in the slurry. Lime reacts with ammonium nitrogen (NH₄⁺) whereby ammonia (NH₃) is formed and evaporates. The valuable nitrogen is lost through this evaporation process thus causing a direct loss of organic nitrogen from the slurry. This means the farmer will have less available nitrogen in his slurry to feed the soil. **THE TRUE TOTAL COST OF LIME CAN BE UP TO £300 MORE THAN YOU REALLY PAY FOR A TONNE!!**

For every kilo of lime used a loss of up to 380 grams of ammonium can be expected. The finer the lime the greater the loss.

Vulkamin® can be applied throughout the year. It consists of finely ground silicate rock of volcanic origin. It's mineralogical peculiarity gives it natural antiseptic qualities required to help prevent mastitis.



Available in big-bags 1000 kg

MORE INFO: Please contact Andy Berry on **07738 899113**, Andrew Lowe on **07912 389160** or the office on **01404 812605**