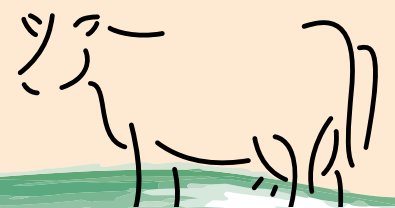


DESICAL®

Hygiene and convenience in the stable



Clean udders! Low cell counts!
Hygienic resting and walking areas!
Healthy claws!



Problem of environmental mastitis

More than 85 % of the mastitis pathogens prevalent in Europe are related to the environmentally associated area. The cows come into contact with pathogens in their environment and infect themselves in this manner. So they primarily contract udder inflammations in their direct surroundings.

Since cows spent 12-15 hours of the day lying down, the cubicle represents the greatest risk potential for infections.

You can eliminate this risk with **DESICAL®**!



DESICAL® – Hygiene product line for the stable

DESICAL® is a highly alkaline litter powder containing a number of different components. It provides perfect hygienic conditions in the resting and walking areas.

- Low cell counts, even in summer
- Clean udders and teats
- Hygienic conditions in the resting and walking areas
- Reduction of box maintenance
- Healthy stable climate
- Healthy claws, less claws disease

Skin not irritated by use

The **DESICAL®** litter powder allows a continuous use in the resting area. In contrast to burnt lime and lime hydrate, it does not irritate the sections of the skin because of its special formula.

Clean udders and teats

The teats remain smooth. A fine product film covers the body areas of the animals that they lay on. Excrement and dirt does not stick to them. The udders and teats remain clean.

Healthy stable climate, less flies

The moisture-binding properties of **DESICAL®** reduce ammonia emissions in the stable. The stable climate improves and troublesome harmful insects no longer find an environment to breed in

Better claw consistency

DESICAL® dries the claws down to the core. The horn becomes harder and therefore more resistant. Highly stressed sections of the skin in the claw area are provided with preventive care. The hygienic situation around the claw is considerably improved.

“I rely on DESICAL plus. The high boxes and cow hooves are drier since I started using DESICAL in my stable. Now I have a good grip on cleanliness and hygiene.”
Heinz Josef Plum, Farmer



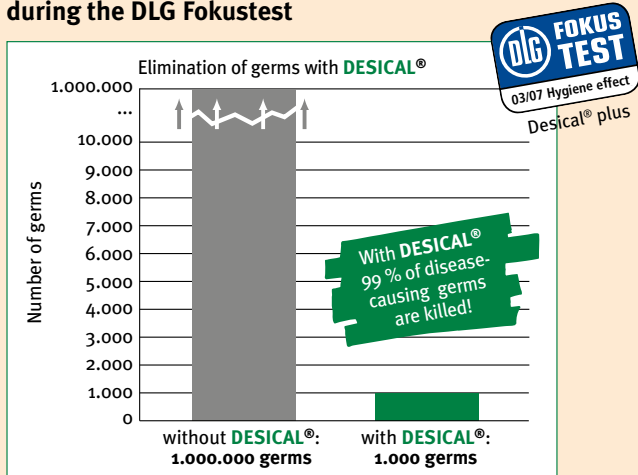
Further advantages for you:

- ⊕ Container sizes according to field of application
- ⊕ Excellent processing with all litter application devices or by hand
- ⊕ Very good cost-benefit ratio
- ⊕ All **DESICAL®** products are residue-free and advantageous in biogas facilities
- ⊕ Listed in the operating materials list for ecological production (**FIBL list**)

DESICAL® – germicidal because it is a biocide

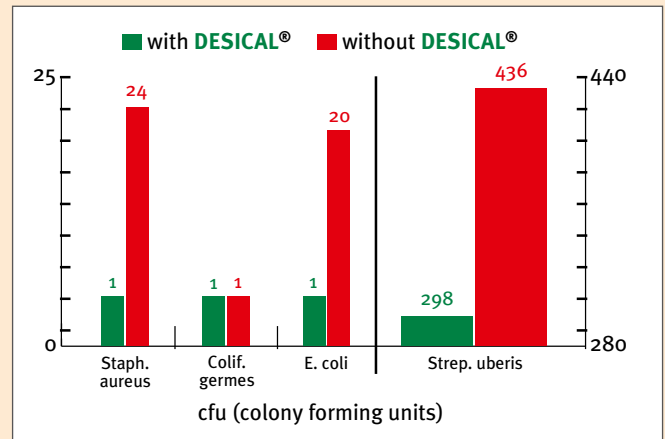
DESICAL® is highly alkaline and ensures quick drying of the litter. The pH value is kept constant in the high alkaline range for the resting area. (Alkalinity has been confirmed by the DLG Fokustest). Pathogenic germs such as *Escherichia coli*, *Klebsiella* or *Streptococcus uberis*, that are the pathogens for dangerous diseases of the udder, especially the feared summer mastitis, are verifiably killed at a rate of 99 %.

Proof of hygiene effect as investigated during the DLG Fokustest



Source: DLG Test Centre for Technology & Resources – www.dlg-test.de

Density of pathogens on the teat skin



Source: Romann and Krömker, FH Hannover, 2008, modified

➔ The concentration of germs is considerably reduced (hygienic effect confirmed by the DLG Fokustest) and therefore the risk of mastitis. High cell counts are prevented. In particular, a reduction of the feared germ *Streptococcus uberis* has been observed.

Tip: The effects of DESICAL® are very close to those of a disinfectant!



Only the original offers safety

DESICAL® is the first and only litter powder that has been tested by DLG for its hygienic effect and successfully mastered this hard test. So far, this documented product safety has only been offered by DESICAL®. (May, 2009)

! Please note:

Alkaline hygiene powders must be non-irritating to the skin. Experience has shown that the application of such products strains the skin health of the animals, as well as the person who strews these products.

However, despite the high alkalinity, DESICAL® is still absolutely non-irritating to the skin and can be used continuously.

DLG-Fokustest

DESICAL® Hygiene products for the resting and walking areas

DESICAL® plus

We provide hygiene



For high boxes, tie-stall, calf hutches and feeding table



- Maximum absorption power
- Distinct reduction of disease pathogens through new formula
- Especially fine formulation for greatest yield
- Bactericidal effect verified by the DLG Fokustest

Delivery: Dry litter powder in 400 or 1.000 kg Big Bag

Application: 80-120 g/m² **DESICAL® plus** daily

DESICAL® spezial

The stable straw mattress



For deep boxes



- Sustainable hygiene and lasting comfort in the lying box
- Long-lasting alkalinity confirmed by the DLG Fokustest
- Stable mattress formation

Delivery: Loose in a dump truck

Application: For a stable **DESICAL®** straw mattress, mix 1 part straw + 1,2 parts **DESICAL®** spezial + 0,7-1 part water in a biweekly rhythm

Stable deep-straw mattress

As a classic deep-straw mattress, **DESICAL®** spezial does not separate from the straw even after a longer period of time. It virtually sticks to the straw. This stabilises the mattress and it is not torn apart as quickly by animal movements. The animals drag much less litter out of the box. The litter intervals become longer and the effort involved in box maintenance is reduced. Together with **DESICAL®** spezial, stable mattresses can also be specially made using other core materials (rapeseed straw, peat).

Additional information on the **DESICAL®** product line:

www.desical.de

www.klauenwaschanlage.de



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