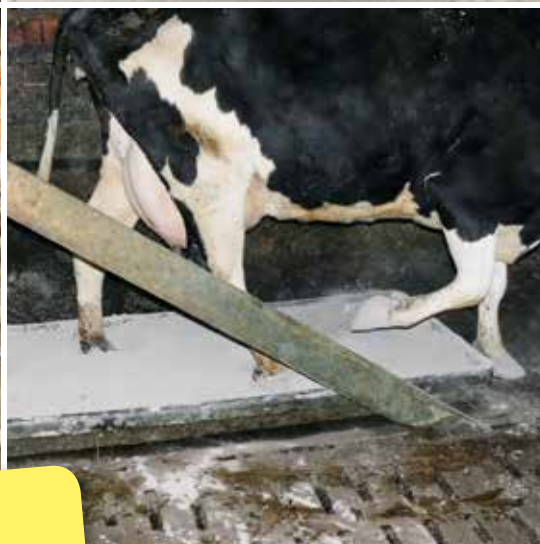# DESICAL® – the original!

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.

„Using **DESICAL**® effects that the cell counts stay low even at elevated temperature."
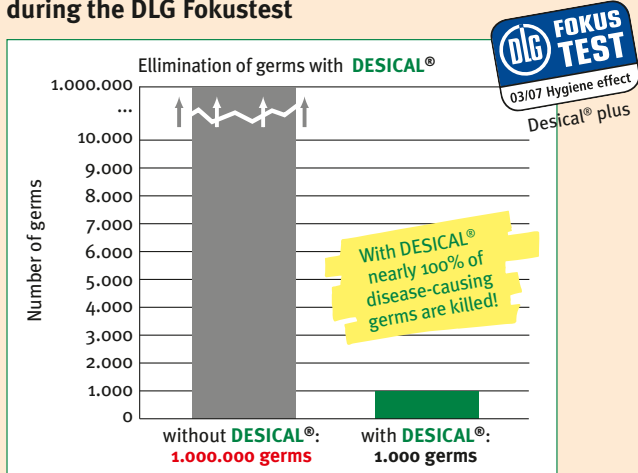**Katja Ortmann**
Riede, Germany

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)**

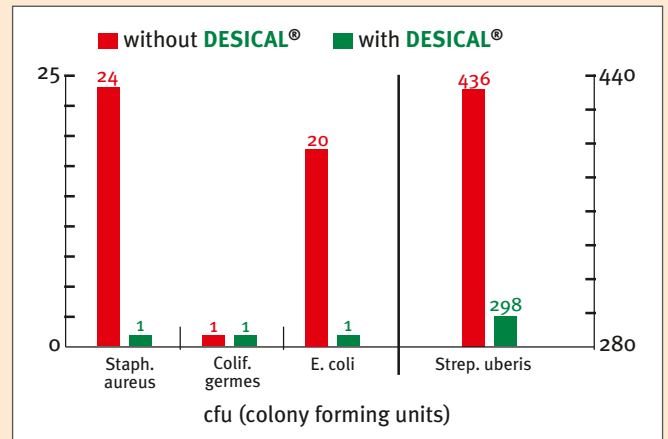# DESICAL® – germicidal because it is a biocide

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 nearly 100 %.

Proof of hygiene effect as investigated during the DLG Fokustest

Ellimination of germs with **DESICAL®**

With DESICAL® nearly 100% of disease-causing germs are killed!

without **DESICAL®**:
1.000.000 germs

with **DESICAL®**:
1.000 germs

Number of germs

DLG FOKUS TEST
03/07 Hygiene effect
Desical® plus

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

Density of pathogens on the teat skin

■ without **DESICAL®**   ■ with **DESICAL®**

cfu (colony forming units)

Staph. aureus: 24 / 1
Colif. germes: 1 / 1
E. coli: 20 / 1
Strep. uberis: 436 / 298

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

! 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.

Dermatological tested

The skin compatibility was inspected by the Tiergesundheitsdienst Bayern e.V.

ORIGINAL excellent dermatest

DESICAL® – das Original!
Hygiene und Komfort im Stall
Das Top-Sortiment für die Tierhygiene
www.desical.de

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

➡ **DLG FOKUS TEST** 03/07 Hygiene effect
Desical® plus

Dermatological tested
The skin compatibility was inspected by the Tiergesundheitsdienst Bayern e.V.

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

➡ **DLG FOKUS TEST** 09/05 Alkalinity
Desical® spezial

ORIGINAL excellent dermatest

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).

DESICAL® is an approved biocide substance in accordance to appendix I EG 1451/2007 N-33003 for improvement of hygiene in the veterinary sector. Biocides must be used properly – read the product information!

DESICAL® is a registered trademark of Hufgard GmbH. (December 2014)

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

www.desical.de
www.klauenwaschanlage.de