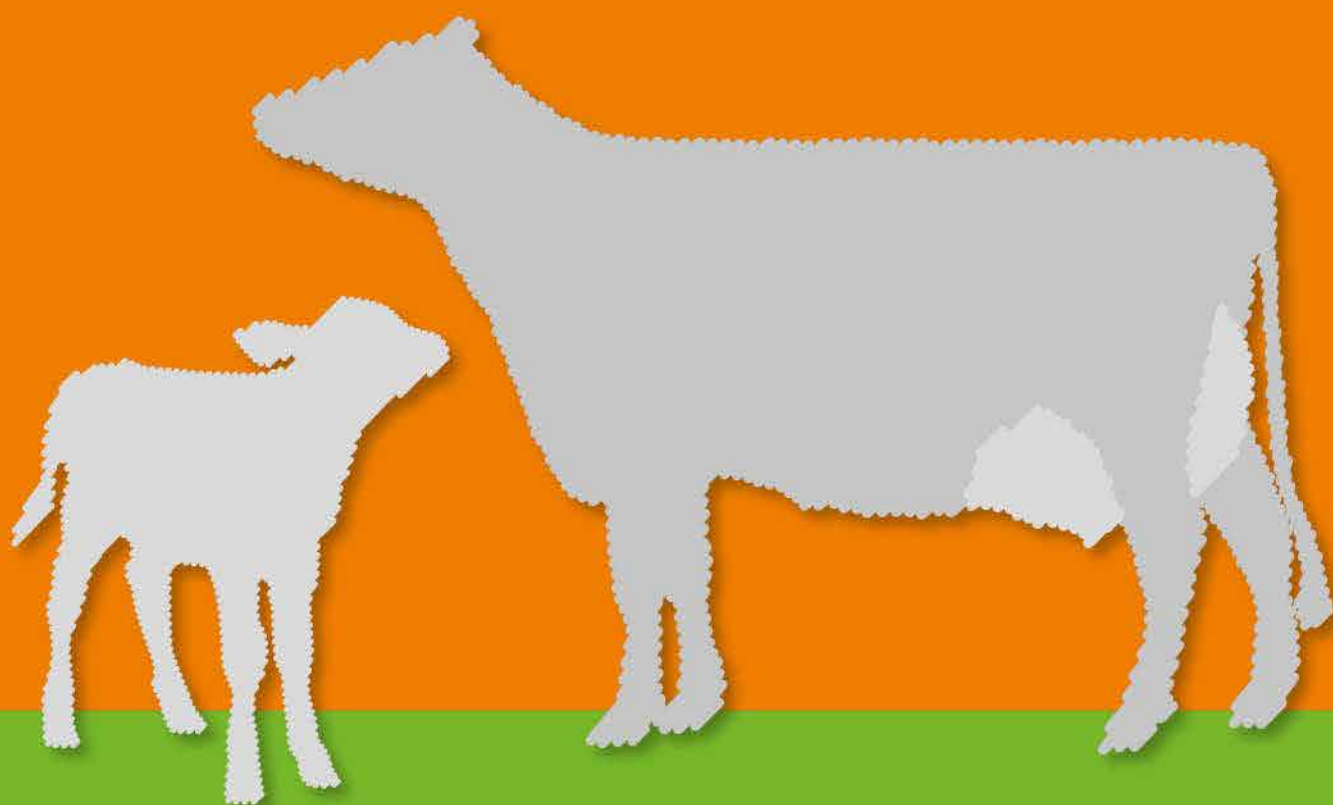


# Product range

## Cattle



FEEDING WITH SYSTEM

When new business and sales documents are published, all previous ones lose their validity.  
Changes in the offer, technological changes, misprints and errors excepted.  
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As of 12/2022

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# QUALITY CERTIFICATES



**pastus<sup>+</sup>**  
AMA-Gütesiegel

DIN EN ISO  
9001:2015

Zertifiziertes  
**HACCP**



# Livestock-friendly concepts for cattle

*The preservation of animal health and the prevention or reduction of antibiotics in animal rearing are, on the one hand, the basis for economic viability and, on the other hand, a significant contribution to the protection of consumers and environment.*

The modern and future oriented agriculture will only be able to produce economically successful, ecologically responsible and animal-friendly in long-term, if livestock-animals grow up healthy and vital since birth or respectively from calf to dairy cow or fattening cattle.

Goal of the products developed by **BERGOPHOR®** is an optimal health condition during calf rearing, milk production and fattening. They promote buildup and preservation of vitality of dairy cows, calves and bulls and contribute to a reduction of the use of antibiotics in cattle husbandry, also at high levels of production.

The purposeful harmonized and individually selected **BERGOPHOR®** Security components (S. 6 - 7), in our products stabilize the natural intestinal flora and suppress harmful germs. There is a variety of different designed products, for calves, dairy cows and fattening cattle available.

The enterprise **BERGOPHOR®** offers essential parts for successful pig feeding:

- active support of animal health
- improvement of fattening performance
- optimisation of carcass quality
- nitrogen and phosphorous reduced feeding
- minimization of animal and environmental excretion
- assurance of food quality and food hygiene
- livestock-friendly husbandry



Livestock-friendly concepts.  
Healthy growth.  
Ecological responsibility.  
Economic success.

# BERGOPHOR®

## security components



*An ideal combination of a rumen-protected and a rumen-available selenium compound to improve the availability and absorption of added selenium in the organism.*

### Rumen-protected sodium selenite

The rumen-protected sodium selenite passes the forestomachs undegraded and reaches the small intestine, the place of absorption. Selenium is released and absorbed.

An improved and efficient supply of selenium is the result. The rumen-available sodium selenite ensures optimum selenium supply of rumen flora.



*A special combination of a rumen-protected and a rumen-available selenium compound included a highly effective organic selenium source in form of selenium yeast.*

### Highly effective selenium source

In selenium yeast the selenium is integrated into sulphur-containing amino acids. Thus selenium becomes highly usable and is resorbed easily and quickly. The protective functions of selenium (antioxidant, cell protection) take real effect. The selenium source is stored in the tissues and is set free increasingly with high metabolic performance.

- improvement of fertility, less complications after birth
- improved selenium provision of the unborn calf, less embryonic losses, higher resistance
- higher level of immunoglobulins in the colostrum, support of udder health
- strengthen the antioxidative and immune system



*A special combination of essential oils and plant extracts that significantly improve rumen metabolism and positively influence the composition of the rumen flora.*

### Essential oils

- the feed protein is degraded more slowly in the rumen, creating more rumen-stable protein
- ammonia- and methane-forming bacteria are deliberately suppressed
- significant increase of propionic acid formation in the rumen to stabilize the blood sugar level and improve the energy supply
- active liver protection and effective ketosis prevention
- improvement of crude fiber digestion (NDF)
- more rumen-stable starch
- higher milk yield due to higher feed intake and improved feed conversion



*A phytobiotic with the ideal combination of natural essential oils, flavonoids and saponins.*

### Phytobiotic

The specially selected components are antispasmodic and expectorant and help to support the natural resistance.

- reduces the adhesion of pathogenic germs to the intestinal wall
- improves the cough score and reduces the use of medication due to respiratory diseases
- increases feed conversion and daily weight gain
- supports the natural resistance
- supports the airway function



*An individually synchronized combination of vital substances.*

### Macrominerals & trace elements

Highly available macrominerals (Ca, P, Mg, Na) and trace elements (Zn, Mn, Cu, Co I, Se) cover the need and ensure animal performance.

### Vitamins

An optimized and highly effective vitamin provision strengthens the body defense and lowers the morbidity risk.

### Rumen protected vitamin A



A specifically formulated vitamin A in rumen protected form for high yielding cows. The special formulation of vitamin A is only slightly degraded in the rumen and thus is available for the metabolism of the dairy cow to a very high extent.



*A special combination of highly active, herbal polyphenols in water soluble form.*

### Natural polyphenols

- have a high, antioxidant potential that is, the generation of free radicals, which cause cell stress and damage organic tissues (cell membranes and cells), will be suppressed
- have anti-inflammatory properties that is, with cell stress connected inflammations will be reduced, the body defense will be effectively strengthened and energy will be saved
- significant reduction of metabolic stress (liver protection)
- particularly effective in periods of increased metabolic stress
- supporting of vitality, feed conversion, healthy growth, well-being and animal health

# BERGOPHOR<sup>®</sup>MSS

## for healthy calves

The healthy rearing of calves provides the foundation for performance oriented and commercial pig fattening respectively rearing of gilts and boars.

Beside respiratory illnesses is diarrhea the most common disease of calves during the first postnatal weeks and in the weaning period. The emergence of diarrhea is always caused by multiple factors. Not enough blood antibodies or strong environmental pressure of pathogen agents may increase morbidity risk and cause significant losses.

Sick calves have a weakened immune system and are particularly predestined for other diseases. If the rearing does not evolve optimal, then you have to calculate with low performances while fattening and breeding.

BERGOPHOR<sup>®</sup> has developed the BERGOPHOR<sup>®</sup>MSS for prevention of diarrheal diseases and for optimizing and stabilization of a healthy intestinal flora.

The BERGOPHOR<sup>®</sup>MSS aims on healthy animal and performance-linked rearing and best possible prevention of antibiotic usage.

With the BERGOPHOR<sup>®</sup>MSS BERGOPHOR<sup>®</sup> offers under regard of our company's philosophy



Livestock-friendly concepts.  
Healthy growth.  
Ecological responsibility.  
Economic success.

a specially designed security concept for rearing of calves.

The BERGOPHOR<sup>®</sup>MSS is based on many years of experience as well as the latest scientific findings and also meets the highest standards of quality and effectiveness.

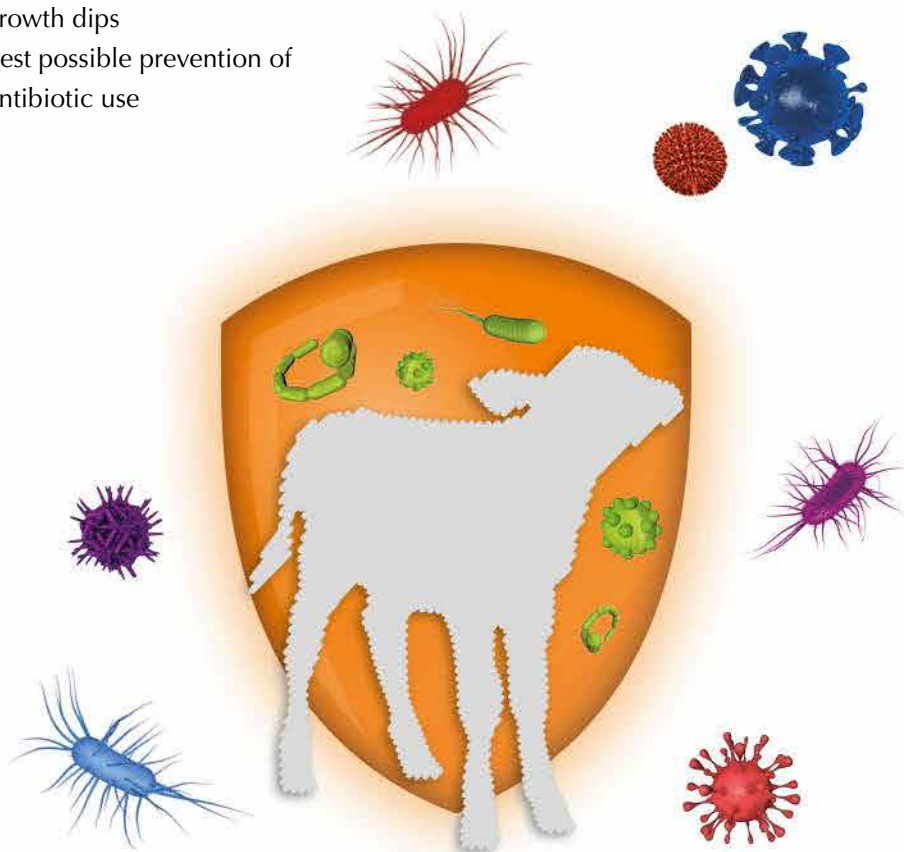
The BERGOPHOR<sup>®</sup>MSS for calves, according to our credo "Maximal safety for rearing", aims at

- an optimized nutrient and active ingredient supply
- the support of natural digestion
- the stabilization of healthy intestinal flora
- the strengthening of the body's own defenses
- high daily increases without growth dips
- best possible prevention of antibiotic use

### BERGOPHOR<sup>®</sup>MSS<sup>+</sup>

The BERGOPHOR<sup>®</sup>MSS<sup>+</sup> contains all components of BERGOPHOR<sup>®</sup>MSS and additionally comprises **specifically formulated, coated essential oils**.

These new additives contribute to an effective suppression of harmful germs such as E. coli, as well as cryptosporidia and coccidia. Due to the combination of these specifically coordinated security components, synergies and thus a plus of safety arises.





## Safety for Rearing

Newborn calves are defenseless. The immune system of newborn calf is facing a very big challenge. A calf is born with a not optimal functioning nonspecific endogenous defense and is born almost without maternal antibodies. It experiences a dramatic change - from a germ-free uterus towards a rather hostile environment loaded with pathogens.

Even under good conditions the newborn calf is exposed to an unavoidable disease pressure, as it is born without deterrents. Calves immediately after birth must raise passive immunity by oral up-take of antibodies through the colostrum.

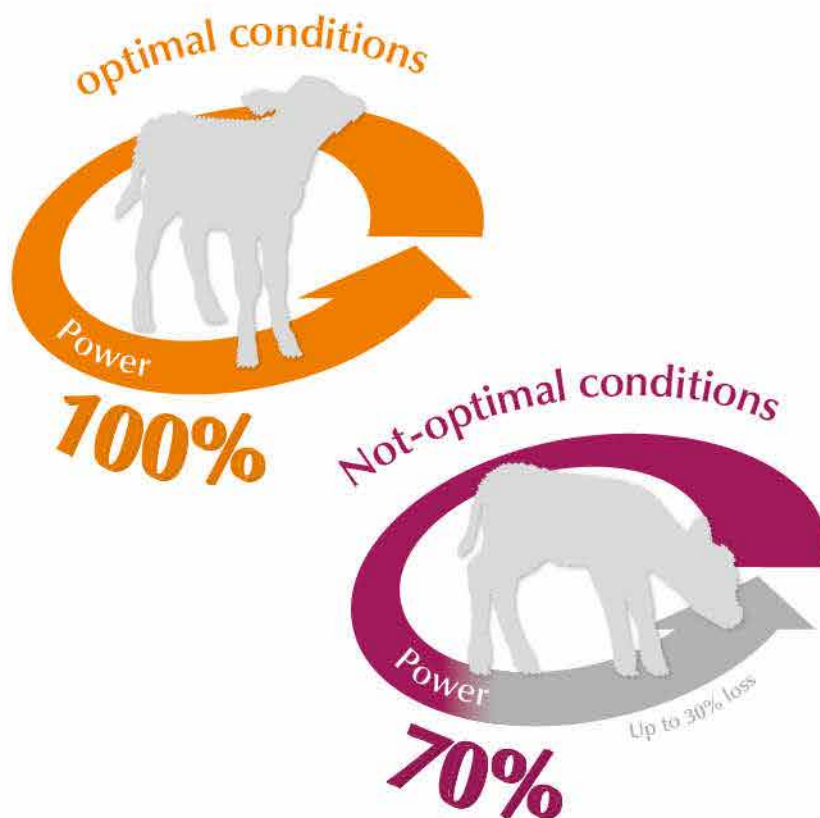
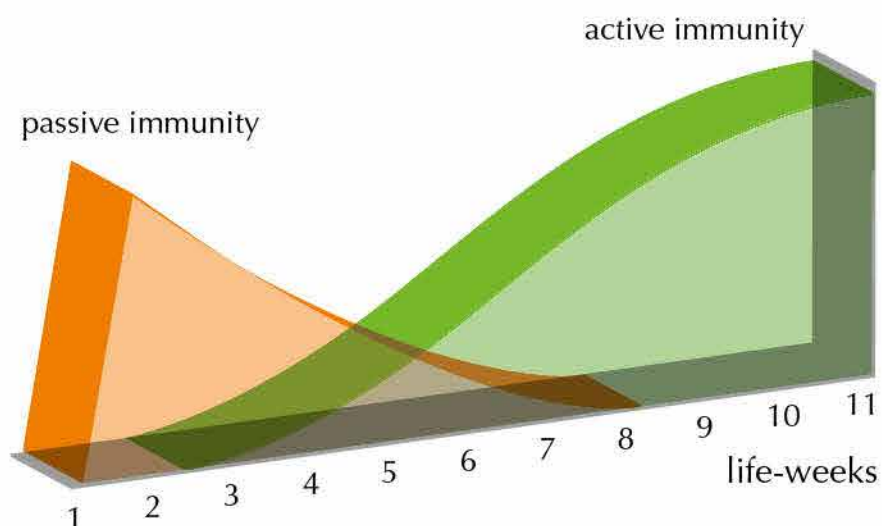
### Only healthy calves will have a career

Life performance and lifetime of dairy cows directly depends on the health status and the nutrient supply during calf rearing.

Pre birth- and environmental management as well as an optimized initial provision of the calf make a significant contribution for the prevention of diarrhea. One of the important measures for the prevention of respiratory diseases are vaccinations.

The **BERGOPHOR<sup>®</sup>MSS** is specifically designed to strengthen the calf's immune system and repel Infectious agents.

## Development of immunity in calves during the first weeks of life



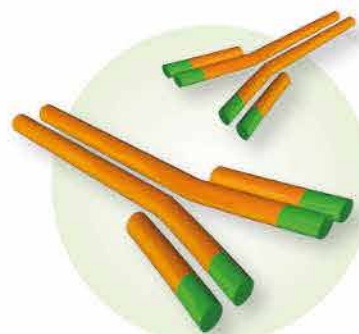
Calves only can achieve high daily weight gains under optimal conditions. Strong excitation and disease pressure reduce the performance by up to 30 %.

# BERGOPHOR<sup>®</sup>MSS

## and its ingredients\*

### Antibodies

- antibody rich egg-powder



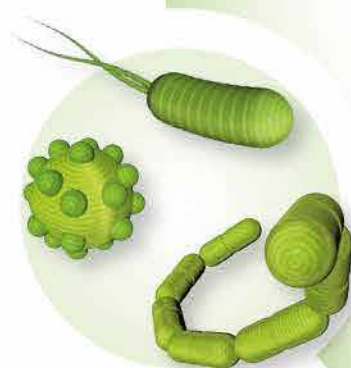
### high quality & digestible ingredients

- ideal amino acid supplementation (lysine, methionine, threonine and tryptophan)
- non-GMO soy
- high pressure / high temperature treated linseed
- high pressure / high temperature treated cereals
- linseed extrudate
- baby milk powder
- well tolerated, vegetable fats



### Probiotics

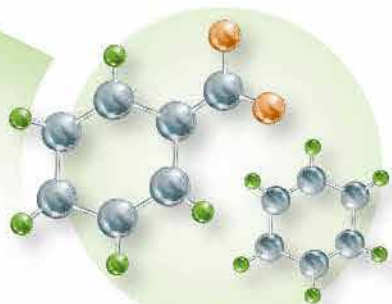
- with live yeast
- lactic acid bacteria



### Prebiotics

- functional lignocellulosic material
- yeast cell walls (selenium yeast)
- locust bean
- sodium gluconate






### Acid Additives

- organic acids




### Vitamins & Trace Elements

- organic bonded trace elements
-  - vital substances



### Phytogene Substances & Flavor

- vanilla, honey and caramel flavor
- **Bronchi** (only in **BERGOPHORMSS<sup>+</sup>**)



### Polyphenols



· cell protection complex

\* The composition of ingredients of **BERGOPHORMSS** may vary in products.

# Antibodies in the **BERGOPHORMSS**

## Newborn calves are defenseless

Immunoglobulins are special antibodies which enable the immune system to fight disease. Immunoglobulins are relatively large protein molecules and can be absorbed into the blood for a short time after birth. 24 hours after birth the intestinal barrier for immunoglobulins is closed.

The first hours of life therefore decide how well the calves are prepared for further rearing. In order to achieve an adequate amount of immunoglobulins in the blood, the supply of the calf with at least 2 liters of first colostrum is absolutely necessary within the first 3 hours of life. Overall, at least 4 liters of colostrum should be taken within the first 6 - 12 hours of life.

The immunoglobulin content in the first bovine milk can vary very strongly and depends on, among other things from the quantity of first-milk and the age of the cow. The quality of colostrum can be tested easily with **BERGOPHOR® Biestmilchtester**.

Freezing of colostrum is possible, but it should be noted that even with gentle thawing over 40 % of the contained immunoglobulins and also a multitude of other valuable ingredients can be lost!

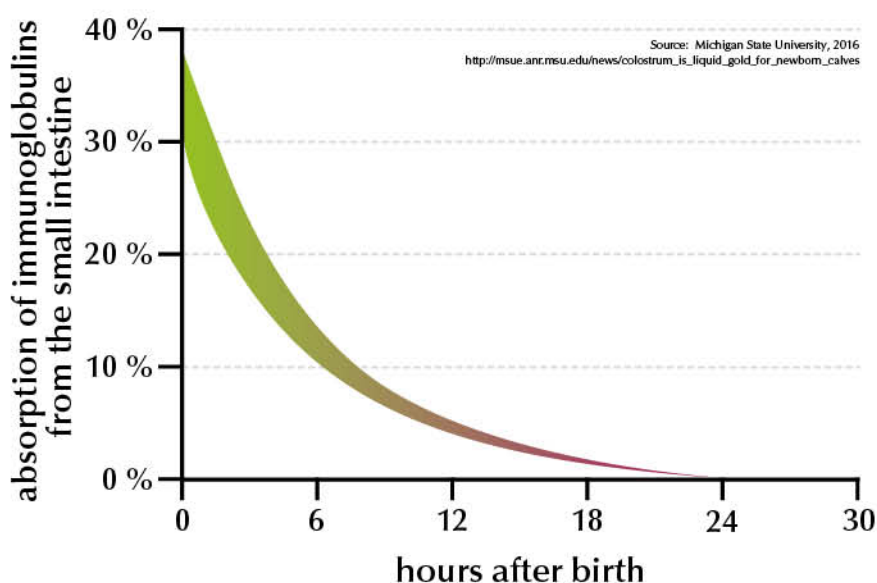
The immunoglobulins in **BERGOPHORMSS** are derived from specific immunoglobulin-rich egg powder or colostrum and broaden the antibody spectrum.

## Effects of different thawing methods on the content of colostral immunoglobuline G

method	before freezing	after thawing	loss
<b>water bath (n = 17)</b>	141 ± 38 IgG	79 ± 7 IgG	44.0 %
<b>micro wave (n = 29)</b>	136 ± 35 IgG	76 ± 17 IgG	44.0 %
<b>mean (x ± SD)</b>	138 ± 36 IgG	78 ± 17 IgG	44.0 %

Source tab.: M. Freitag, T. Stucke und J. Pfeiffer, Forum angewandte Forschung in der Rinder- und Schweinefütterung, Fulda, 01./02.04.2009

## Transition of immunoglobulins across the intestinal wall in calves



Abbreviation of antibody / colostral immunoglobuline = IgG



## Immunoglobulins



## Immunoglobulins block pathogens

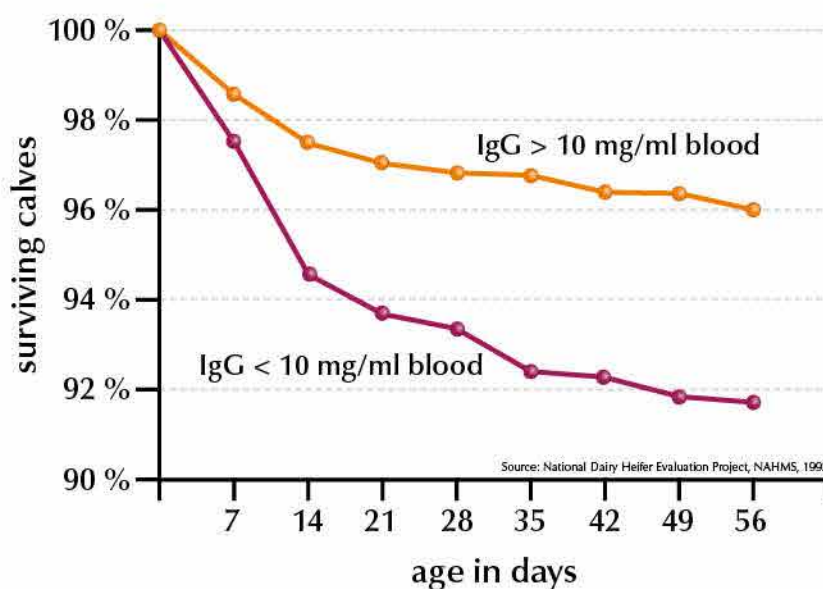


For optimization of colostrum management, **BERGOPHOR®** with **BERGIN® Kälberfit**, **BERGIN® Globulac K** and **BERGIN® Secural** developed very synergistic products with immunoglobulins

The proportion of immunoglobulins in the blood has been shown to affect the survival rate of the calves in a positive manner.

Calves which have an immunoglobulin content (IgG) above 10 mg per ml of blood within the first 48 hours of life have a significantly better survival than animals with levels below this value.

## Effect of immunoglobulins in the blood on the survival rate in calves



## Antibodies

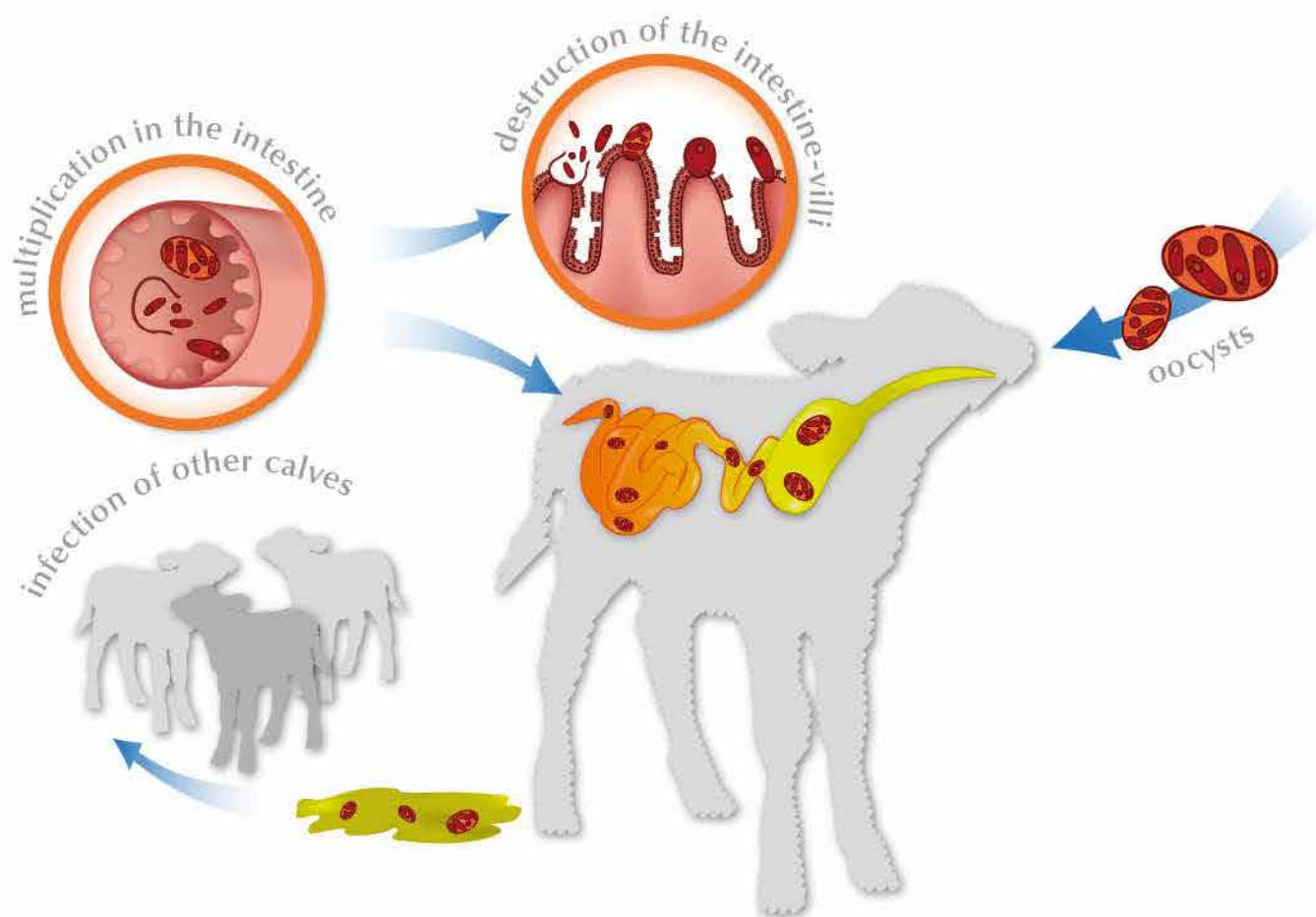
- increases the passive immunity, decreases mortality rate
- broadens the spectrum of antibodies against the most common pathogens
- fighting pathogens in the intestine
- reducing the severity and duration of diarrhea
- providing healthy growth and stable youth development (better feed conversion)

## Effect of immunoglobulins on diarrhea frequency and death rates of calves

	control group	experimental group
<b>number of calves</b>	400	400
<b>calves suffering from diarrhea</b>	198	88
<b>mortality</b>	10	0
<b>animal loss</b>	5 %	0 %

Source tab.: 160 female calves per month from April 4, 2010 to August 31, 2011. (800 calves in the period) Calves in the experimental group were additionally fed with egg yolk immunoglobulins during the first 3 breeding weeks.

# High quality & digestible ingredients in the BERGOPHOR<sup>®</sup> MSS



## How does diarrhea develop?

In healthy calves more liquid is absorbed from the intestine into the body as submitted. Diarrheal pathogens damage the intestinal mucosa in the small intestine. Especially rota-viruses and corona-viruses cause diarrhea by destroying the intestinal villi.

Pathogenic *Escherichia coli* bacteria lead to a massive secretion of chloride ions into the intestine. Sodium ions follow.

Therefore, there is increased flow of water into the intestine and the first steps of diarrhea are set.

Cryptosporidia are unicellular parasites. In the intestine of the calf so called sporozoites are released from the oocysts. They penetrate intestinal cells and start a new life cycle. Oocysts are very thick coated and resistant spores lasting over months in the environment where they remain infectious.

Diarrheal pathogens cause damage to the intestinal cells and empower inflammatory reactions which interrupt the water exchange between the cells of the intestinal mucosa and mucosal blood vessels. The flow of water and electrolytes into the intestine is reinforced and diarrhea arises.

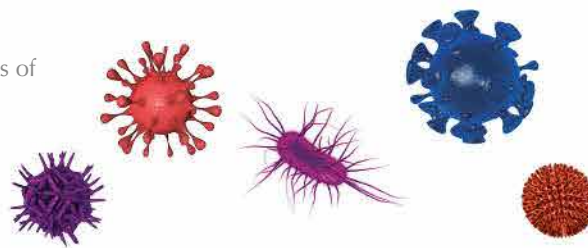
Due to the developmental cycle of cryptosporidia, intestinal cells are damaged and diarrhea arises (see illustration).

Oocysts are very resistant spores, which are formed in the intestine and can survive for a longer time in the environment.

Calves take up the cryptosporidia in the form of oocysts from the environment.

The development cycle of cryptosporidia runs completely within the calf.

Infectious agents of diarrhea



The affected intestinal mucosa cells are destroyed and severe diarrhea occurs. Newly formed oocysts are secreted in the intestine and can infect further calves.

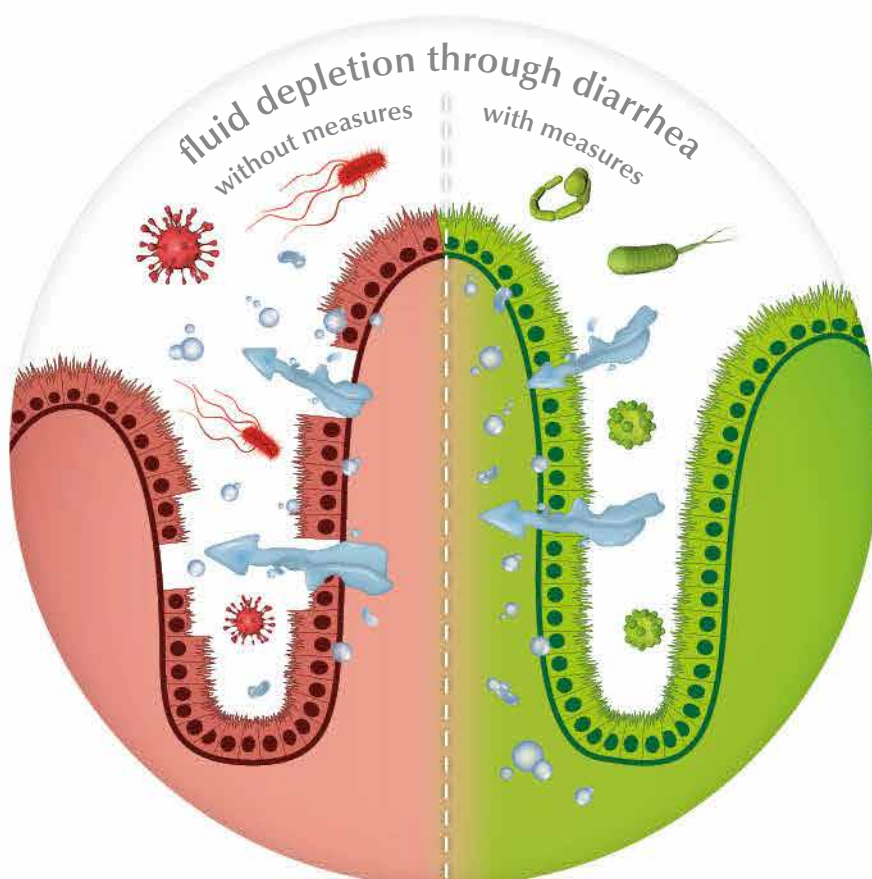
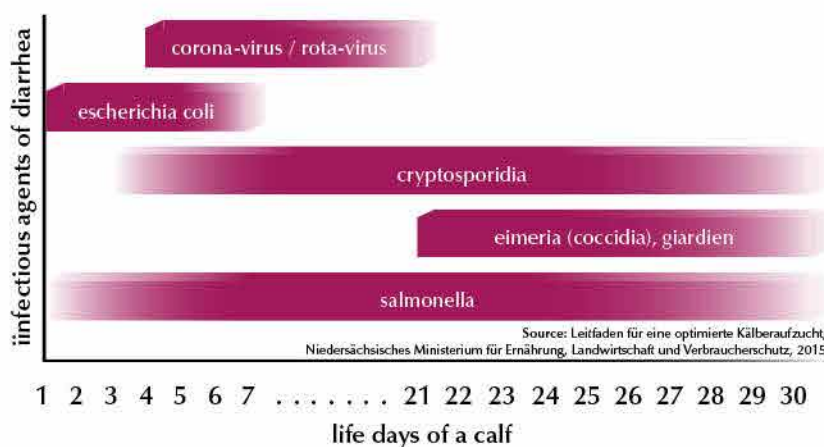
The only effective agents for oocysts in the environment are special disinfectants, e.g. **BERGODES komplett**.

### Infectious agents of diarrhea

Infectious agents of diarrhea in the calf vary according to age and either are provoked by rota- and corona-viruses, intestinal-damaging coli bacteria or unicellular organisms such as coccidia and cryptosporidia.

In common practice, usually mixed infections occur. Diarrhea occurs in different strains, which also differ in their pathogenic properties. All pathogens are detectable in the environment and also on farm sites having little problems with calf diarrhea. The actual occurrence of disease essentially depends on a clean environment and a strong immunity of the calves.

### Infectious agents of diarrhea at the time of occurrence



# High quality & digestible ingredients in the **BERGOPHOR**MSS

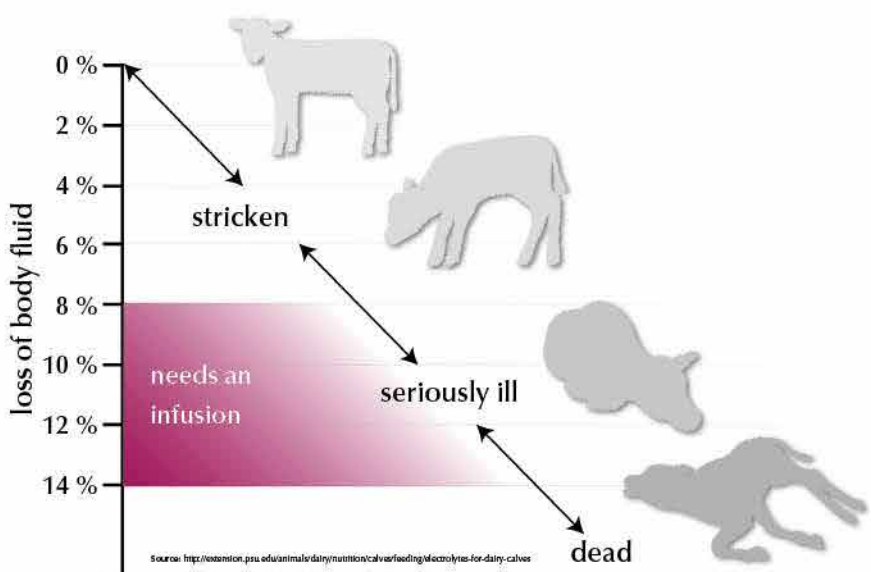
## Consequences of diarrhea

In the case of a strong loss of liquid, electrolytes and buffer substances, which the calf desperately needs to stabilize the blood-acid balance are excreted. The blood of the diseased calves is over-acidified, the organism practically drains by lack of fluid.

If the calf is not immediately supplied with electrolytes and buffer substances, the animal is immobilized and killed.

The loss of fluid in the case of diseased calves can lead to 5 - 10 % loss of the body weight within one day. In case of a loss of 8 %, treatment with infusions is necessary. Fluid losses above 14 % are fatal.

## How to estimate the loss of liquid in a calf suffering diarrhea?



## loss of liquid

**5 - 6 %** – diarrhea without clinical symptoms, still strong suction reflex


**6 - 8 %** – calf is matte, skin fold remains 2 - 6 seconds, suction reflex is still existing

**8 - 10 %** – calf is visibly ill and lies, sunken eyes, skin fold remains over 6 seconds

**10 - 14 %** – calf can no longer stand upright, is comatose, apathetic and cold, skin fold remains permanently

**over 14 %** – leads to death

## Preventive measures for diarrhea

The **BERGOPHOR**MSS is equipped with particularly high quality and highly digestible raw materials. Special protein components with optimal biological value and energy sources, such as milk components, extruded linseed, expanded grain and special fats, are particularly easy to digest and ensure the best feed utilization with a minimal risk of diarrhea.

An germ-less environment lowers the infectious pressure. The calf should be placed as soon as possible into a cleansed and disinfected igloo, dried and warmed quickly with a warm-up lamp and a calf blanket.

**BERGO CuraDes plus®** should be used *to reduce* environmental germs in calves cottages and igloos. **BERGO CuraDes plus®** is a highly alkaline, skin-friendly powder which has been shown to kill 99 % of the pathogenic germs.

*For disinfection*, **BERGODES komplett** provides a disinfectant for the killing of endoparasites and coccidial oocysts. **BERGODES komplett** is also fully effective against bacteria, enveloped viruses, cryptosporidia and coccidia.

In order *to prevent* a stock-problem, an operationally agreed vaccination concept with the veterinarian has to be drawn up. Maternal inoculations are an effective tool to prevent health problems.



# The phytobiotic **BronchiPhyt®** in the **BERGOPHOR® MSS<sup>+</sup>**

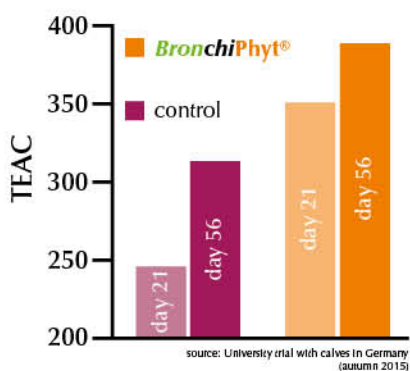
Only in the **BERGOPHOR® MSS<sup>+</sup>**



The phytobiotic **BronchiPhyt®** is the ideal combination of natural essential oils, flavonoids and saponins.

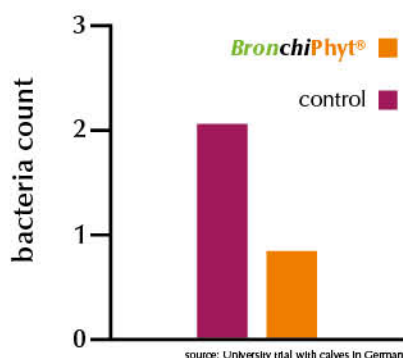
The specially selected components in **BronchiPhyt®** are antispasmodic and expectorant and help to support the calf's natural resistance.

The use of **BronchiPhyt®** increases the TEAC value (Trolox Equivalent Antioxidant Capacity) in the blood significantly.



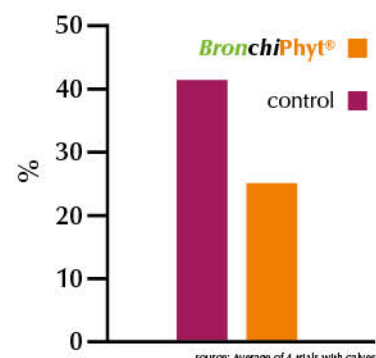
The TEAC value indicates the amount of antioxidants in the blood. The higher the TEAC value, the better the organism's antioxidant capacity. Antioxidants inactivate tissue-damaging free radicals.

**BronchiPhyt®** increases daily weight gain by an average of 7 %. By using **BronchiPhyt®**, the metabolism needs less energy to fight inflammation and oxidative stress. The calves therefore have more energy for growth and development.

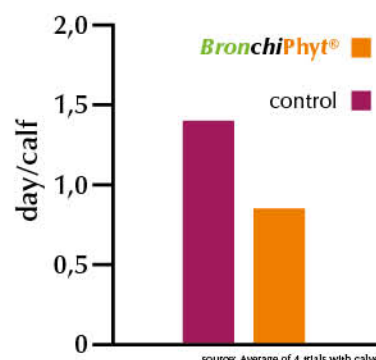


**BronchiPhyt®** reduces the adhesion of pathogenic (disease-causing) bacteria to the intestinal wall.

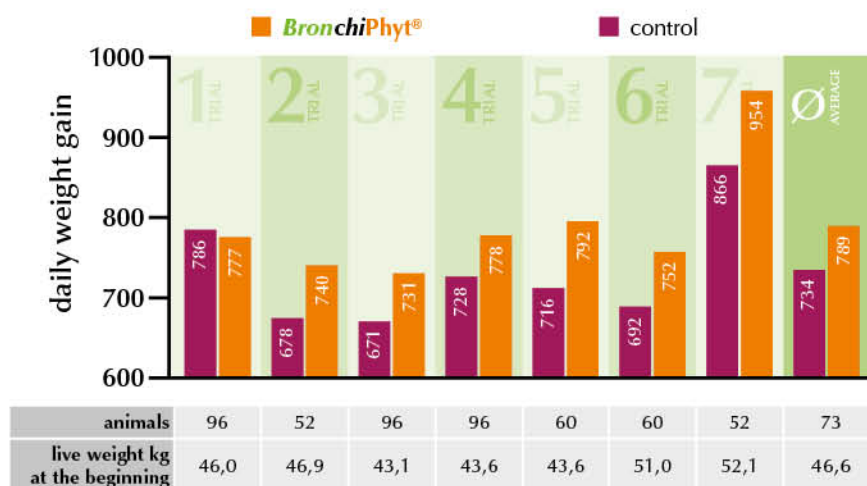
**BronchiPhyt®** reduces the need for treatments for respiratory diseases. These results could also be confirmed in an inhouse field trial (BERGOPHOR® 2020) on a bavarian feeder rearing farm with 2 x 45 Simmental cattle calves.



treatment for lung diseases



time of treatment



Source: 7 university trials with calves in Europe

# Probiotics and prebiotics in the **BERGOPHOR**<sup>®</sup>MSS

## Probiotics

The probiotics in the **BERGOPHOR**<sup>®</sup>MSS are living, well-defined and approved microorganisms that make an effective contribution to the development and stabilization of a healthy intestinal flora.

Performance-enhancing effects through probiotics are caused by the production of lactic acid or of digestive enzymes and by the displacement of harmful germs and microbial nutrient competitors in the gut.

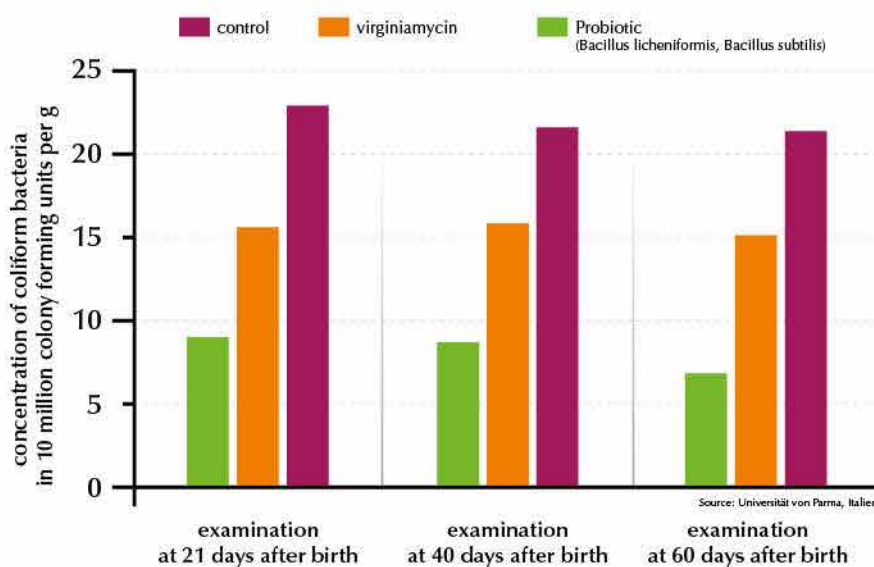
- stabilize and protect the healthy intestinal flora
- displace pathogenic germs, prevent their proliferation
- stimulate the immune reaction in the intestine
- reduce indigestion and diarrhea
- increase feed digestibility

## Prebiotics

The prebiotics in the **BERGOPHOR**<sup>®</sup>MSS are highly effective components of yeast cell walls and can be used as a selective bacterial food only by desired intestinal bacteria as a source of food.

Prebiotics support the desired intestinal bacteria and have a direct and indirect influence on the stability of the digestive tract. They prevent the attachment of pathogenic germs to the intestinal wall. Thereby results in a preventive effect against diarrhea.

## Effect of a probiotic on the gut health

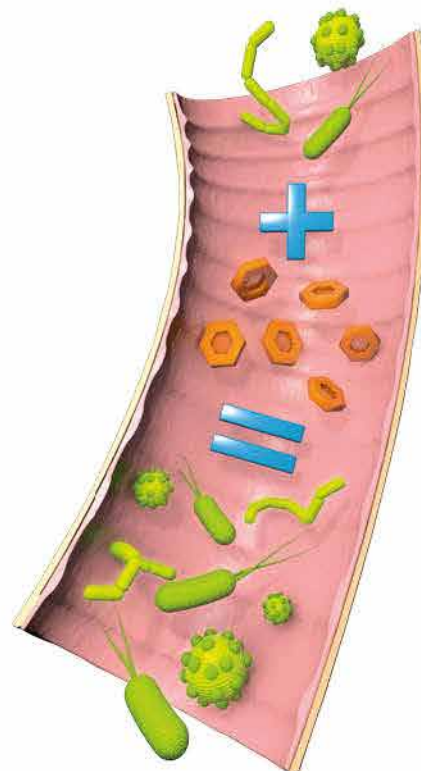


Probiotics



- are selective bacterial food for the healthy intestinal flora (lactic acid bacteria)
- cannot be used by potential harmful germs
- bind bacterial toxins and expel them
- support the effects of probiotics

Prebiotics



# Organic acids in the BERGOPHOR<sup>®</sup>MSS

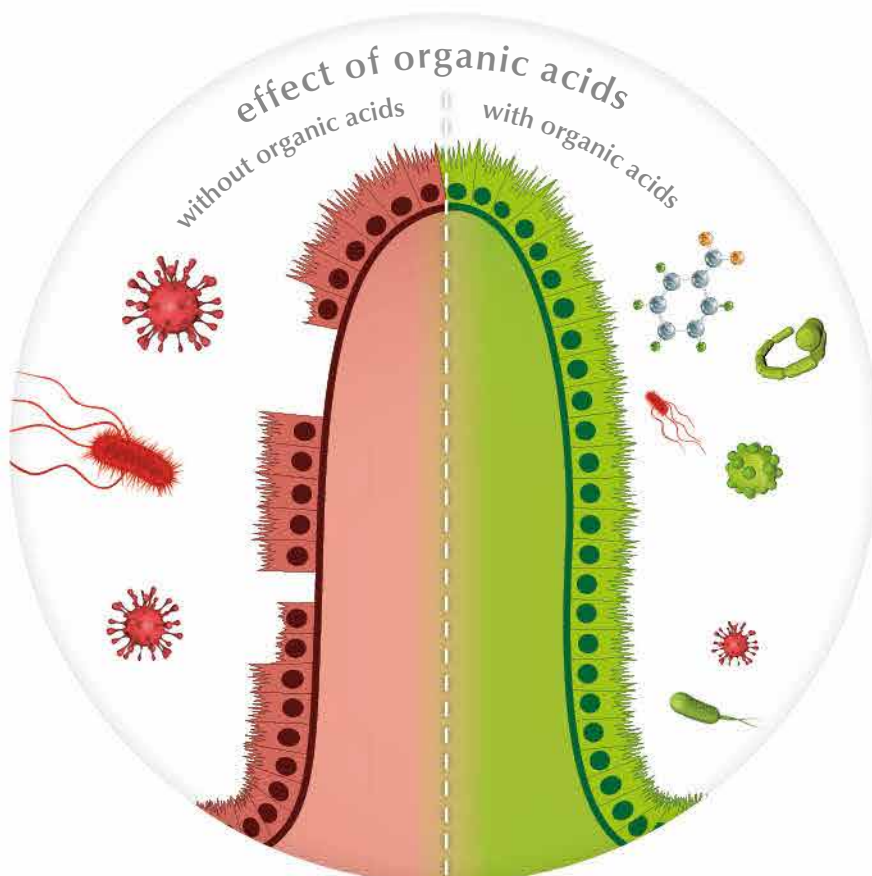
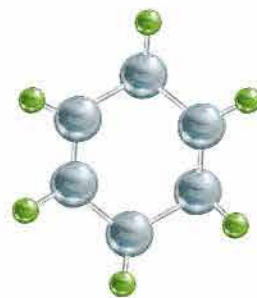
## Special combinations of acids

Organic acids used in animal nutrition are natural substances. The animal organism produces some of these acids in the digestive tract respectively in the metabolism.

- lower the pH in the stomach
- promote and support digestion
- stabilize the healthy intestinal flora
- act against disease-causing bacteria in the digestive tract
- reduce diarrhea frequency
- stimulate feed intake
- increase the daily gains and improve feed conversion
- ensure effective food conservation
- ensure optimal feed hygiene

Some organic acids of recent generation can diffuse through the cell membrane into the cell interior of pathogens, like *E. coli* bacteria. As a result, the sensitive acid balance of the cell is disturbed and the ability to proliferate of the pathogen is significantly reduced.<sup>3</sup>

<sup>3</sup> Source: Kirchgessner and Roth (1988), Partanen K. (2001). Organic acids- their efficacy and modes of action in pigs. Gut Environment of Pigs, Nottingham University Press



# Specialities

*For the first care of calves*



## Biestmilchtester

item no. 0670

Trading unit:

1 Piece

Determine the colostrum quality on their feeding suitability with the colostrum tester of **BERGOPHOR®**. With little effort you know the colostrum quality of each cow. The color scale indicates the quality of the colostrum.



## BERGIN® Globulac K

item no. 0635

Trading unit:

Can 500 g

Colostrum supplement or colostrum replacer for newborn calves – provides better start conditions on a natural way. Has a positive impact on development, safety in rearing and on economics.

Special ingredients:

**BERGOPHOR®MSS**



## BERGIN® Kälberfit

item no. 0488

Trading unit:

1 Package = 6 x 20 ml Injector

“Oral vaccination” for newborn calves to improve and support the body’s defences (immunity) during first weeks of life. Combined paste with iron, selenium, vitamins, probiotics and immunoglobulins in disposable injector for easy dosing and intake.

Special ingredients:

**BERGOPHOR®MSS**



## BERGIN® Secural

item no. 0219

Trading unit:

Bucket 3.5 kg / 7.5 kg

Drinking supplement for calves during the first 10 days of life to strengthen the immune system, optimize digestion and improve immune response. Contains immunoglobulins, vitamins, trace elements, phytogenic additives, probiotics and acids

Special ingredients:

**BERGOPHOR®MSS+**



## For indigestion of calves

### BERGIN® Chrp-to-Fit

item no. 0549

#### Trading unit:

1 Package = 8 x 30 ml Injector

A diet supplement for calves to stabilize their physiological digestion. With activated carbon, lactic acid bacteria, an acid mixture and essential oils.



#### Recommendations for use:

1 injector on the second day of life  
1 injector on the eighth day of life

### BERGIN® Chrp-to-Pect

item no. 0598

#### Trading unit:

Bucket 7 kg

A dietary supplement for calves and lambs to stabilize the water and electrolyte balance to support physiological digestion. Contains specially processed apple and citrus pomace, psyllium husks, electrolytes, humic acids (Leonardite), carbohydrates and lactic acid bacteria.



- apple and citrus pomace, psyllium husks and humic acids form a gel film to protect the irritated intestinal mucosa
- lactic acid bacteria support the natural intestinal flora
- dextrose, potato starch and maltodextrin are highly available energy suppliers
- an optimized electrolyte combination consisting of sodium chloride, acetate and bicarbonate, potassium chloride and magnesium oxide stabilize the electrolyte balance and prevent overacidification of the blood

#### Special ingredients:

BERGOPHORMSS

#### Recommendations for use:

At risk of, during or after indigestion (diarrhea) for 1 - 7 days.

#### *If there is a risk of mal digestion*

1 time daily 40 - 50 g **BERGIN® Chrp-to-Pect** in the milk or stir in 1 liter of water.

#### *In case of acute diarrhoea*

2 times a day 40 - 50 g **BERGIN® Chrp-to-Pect** in the milk or stir in 1 liter of water.

# Specialities

*For indigestion of calves*



## BERGIN® Kälberhilfe SL

item no. 0526

Trading unit:

1 Package = 12 x 100 g Bag

High effective electrolyte product („acute-product“) for young calves or heavy diarrhea. Very fast and complete soluble in warm water. Contains fast available electrolytes and energy in the form of lactose (natural energy source). A complex buffer system is to counteract metabolic acidosis.

## BERGIN® Lytopect

item no. 0482

Trading unit:

Bucket 4 kg / 8 kg

Complex electrolyte preparation. Use between feeding times or for prevention of diarrhea. Stabilizes the gastro-intestinal tract and regenerates the healthy gut flora.

- stabilizes and regulates water- and electrolyte balance during and after diarrhea
- delivers fast available energy
- stops the life-threatening loss of fluid and electrolytes
- contains specific processed pectins, which discharge harmful germs from the gut
- strengthens body own immunity and promotes the process healing
- with psyllium husks and yeast extract
- complex buffer system, effective prevention of acidosis

**Special ingredients:**

**BERGOPHOR<sup>®</sup> MSS**

**Recommendations for use:**

*Use with strong diarrhea*

Spread daily milk amount into three meals. Use 2 l of **BERGIN® Lytopect** between the milk meals (2 hours after feeding) for 1 to 3 days. Use **BERGIN® Lytopect** after remission of diarrhea for further 3 to 5 days.

*Use with lighter diarrhea or weak calves*

Give 2 l of **BERGIN® Lytopect** between the milk meals for 1 to 7 days.

*Use with purchased calves*

Offer 2 l of **BERGIN® Lytopect** between the milk meals for 3 to 5 days.

**BERGO® Pect**

item no. 0812

**Trading unit:** Bucket 2.5 kg / 5 kg, Bag 10 kg

For feed-related and stress-induced digestive disorders.

To stabilise electrolyte and water metabolism. Stir **BERGO® Pect** into milk during stressful situations, to prevent digestive disorders.

**BERGIN® OregaBi-Kaps**

item no. 6055

**Trading unit:** Can 400 g = 50 Capsules

Diet supplement feed (capsule) for calves to stabilise water and electrolyte balance, for the first sign of indigestion.

**BERGIN® OregaBi-Kaps** deliver sodium bicarbonate and electrolytes, which prevent acidosis (acidification of the blood) by buffering and support the water retention in the body. In connection with the addition of essential oils, food intake is stimulated, so that feed refusal can be prevented. Dextrose provides valuable energy. The gelatin capsule dissolves in the stomach rapidly (10 - 15 minutes), is absolutely harmless to health and releases the ingredients completely in the calf stomach. The maintenance of food and water intake is crucial, because only then the diarrhea-related loss of fluid and electrolytes can be balanced.

**Recommendations for use:**

A feeding period of 1 - 7 days is recommended.

The applicator (item no. 6057) is used to input **BERGIN® OregaBi-Kaps**. The capsule is inserted with the cap first into the applicator. Then the applicator is carefully introduced over the tongue base. If the calf begins to swallow, the mechanism has to be actuated for releasing the capsule.



# Special milk replacer

*Milk replacer with skim milk powder*



**BERGIN® Milch LC 50**

item no. 0295

**Trading unit:**

**Bag 25 kg**

Special milk replacer for the first 3 weeks of life – high in immunoglobulins and vital substances. Provides highest safety during this unstable digestion phase. With high proportion of skim milk powder, psyllium husks, immunoglobulins and special phytogenic additives

- contains 55 % skimmed milk powder and further especially high-quality milk ingredients with ideal protein quality
- protection against the most important pathogens due to a high concentration of immunoglobulins
- ensures best energy supply due to a specific processed, highly digestible fat-lecithin combination
- especially tasty due to selected herbs and appetizing substances
- with specially coated essential oils to suppress harmful germs such as E. coli, cryptosporidia and coccidia

**Special ingredients:**

**BERGOPHOR<sup>+</sup>MSS<sup>+</sup>**

**Recommendations for use:**

- feeding from the 5./6. day of life until the age of 3 - 4 weeks – daily amount 5 - 7 l (depending on body weight)
- 150 g powder / litre water
- from the 4. day of life switch from **BERGIN® Milch LC 50** to rearing milk replacer

Mixing temperature: 40 - 45 °C

Soak temperature: 38 °C

**BERGIN® Milch Exzellent SL**

item no. 0222

**Trading unit:****Bag 25 kg**

A very high-energy special milk replacer for rearing calves, which is ideal for ad libitum feeding.

- fully mobilizes the high growth potential of young calves and ensures high daily gains
- 55 % skim milk powder and valuable milk raw materials ensure optimal protein supply
- 20 % easily digestible fats and lecithin provide high quality energy
- contains only milk protein as a protein source
- supports and stabilizes the unstable digestive and immune system with a highly active probiotic and mild acidification
- as a hot and cold drink, it is ideal for controlled ad libitum feeding to optimize metabolic programming
- with specially coated essential oils to suppress harmful germs such as E. coli, cryptosporidia and coccidia

**Special ingredients:****BERGOPHOR<sup>+</sup>MSS<sup>+</sup>****Recommendations for use:**

From the 1st - 4th week of life, the amount per visit is set to 2.5 l. The number of visits is not limited (= controlled ad libitum feeding). In the 5th week of life, the daily amount is limited to 10 l. From the 6th week of life you drink according to the drinking plan. From the second week of life, offer **BERGOPHOR® concentrates for calves**, hay and water for free intake.

**warm drink**

Mixing temperature: 40 - 45 °C  
Soak temperature: 38 °C

**cold drink**

Mixing temperature: 25 - 30 °C  
Soak temperature: 20 - 30 °C

# Special milk replacer

*Milk replacer with skim milk powder*



**BERGIN® Milch 40FIT**

item no. 0296

**Trading unit:**

**Bag 25 kg**

Special milk replacer, which mobilizes the calves full potential of growth during first 40 days of life. Suitable for ad libitum feeding.

- contains 50 % skimmed milk powder and high-quality milk ingredients
- suitable for adjusted ad libitum feeding system
- supports and stabilizes the unstable digestion and immunity due to highly effective probiotics and a highly digestible fat-lecithin combination
- with specially coated essential oils to suppress harmful germs such as E. coli, cryptosporidia and coccidia

*The 40fit technology of Förster Technik aim at:*

- physiologically optimal nutrient supply due to repeated feeding with smaller portions
- administration of fresh prepared milk replacer with optimal temperature
- controlling of feeding and automated animal control
- maximum nutrient supply due to a high concentration of high-quality feed ingredients
- prevention of diseases and growth depression
- optimized growth performance
- reduction of effort while increasing feeding frequency

**Special ingredients:**

**BERGOPHOR<sup>®</sup> MSS<sup>+</sup>**

**Recommendations for use:**

In the first 4 weeks of life the amount of milk per access is adjusted on 2.5 l. The number of accesses is not limited (= adjusted ad libitum feeding system). In the 5<sup>th</sup> week of life the daily milk amount is limited to 10 l. From the 6<sup>th</sup> week of life the daily milk amount will be reduced rationed. Offer **BERGOPHOR<sup>®</sup> concentrates for calves**, hay and water ad libitum from the 2<sup>nd</sup> week of life.

Mixing temperature: 40 - 45 °C

Soak temperature: 38 °C

## Milk replacer with and without skim milk powder

### BERGIN® Milch LS

item no. 0298

**Trading unit:** Bag 25 kg

Special milk replacer for intensive and safe rearing. With 35 % skim milk powder and a microfine processed fat-lecithin combination, easily digestible and optimally tolerated.

**Special ingredients:**

**BERGOPHOR<sup>®</sup> MSS<sup>+</sup>**



### BERGIN® Milch MA

item no. 0294

**Trading unit:** Bag 25 kg

High-quality and safe milk replacer with 40 % skim milk powder for rearing.

**Special ingredients:**

**BERGOPHOR<sup>®</sup> MSS**



### BERGIN® Milch S

item no. 0292

**Trading unit:** Bag 25 kg

Acidulated milk replacer with 30 % skim milk powder for particularly safe calf rearing, especially for critical first weeks of life. Also suitable as 1-day supply feed.

**Special ingredients:**

**BERGOPHOR<sup>®</sup> MSS**



### BERGIN® WS Spezial

item no. 0278

**Trading unit:** Bag 25 kg

Milk replacer for rearing calves, with high quality whey protein and easily digestible fat, universally applicable – as warm drink or 1-day supply feed. Stimulates additional feed intake.

**Special ingredients:**

**BERGOPHOR<sup>®</sup> MSS**

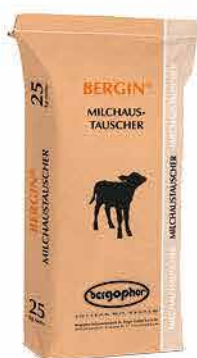




# Special milk replacer

*BERGIN® FA marketing line - milk replacer with amino acids*

The **BERGIN® FA marketing line** contains a highly effective, new and innovative acid complex that also guarantees optimum palatability.



## BERGIN® FA-Classic

item no. 0561

**Trading unit:**

**Bag 25 kg**

Special milk replacer balanced with amino acids for rearing calves. The addition of the amino acids (lysine, methionine, threonine and tryptophan) in combination with baby milk powder, whey powder and highly digestible vegetable protein ensure an ideal protein for the best possible growth and development of the calves in the rearing period.

**Special ingredients:**

**BERGOPHOR®MSS**



## BERGIN® Milch FA-Power

item no. 0560

**Trading unit:**

**Bag 25 kg**

Special milk replacer balanced with amino acids for intensive calf rearing. The addition of the amino acids (lysine, methionine, threonine and tryptophan) in combination with 20 % buttermilk powder, baby milk powder and whey powder, ensures an ideal protein for the best possible growth and development of the calves in the rearing phase.

**Special ingredients:**

**BERGOPHOR®MSS**



## BERGIN® Milch FA-Pro

item no. 0563

**Trading unit:**

**Bag 25 kg**

Special milk replacer balanced with amino acids for intensive calf rearing. The addition of the amino acids (lysine, methionine, threonine and tryptophan) in combination with 25 % buttermilk powder, baby milk powder and whey powder, ensures an ideal protein for the best possible growth and development of the calves in the rearing phase.

**Special ingredients:**

**BERGOPHOR®MSS**



# Special whole milk enhancer

## BERGIN® Provilac Protect

item no. 0223

Trading unit:

Bucket 7 kg, Bag 25 kg

Highly effective full milk supplement for rearing calves. Makes the full milk drink for calves a safe, easily digestible and wholesome food and supports the functions of the respiratory tract.

- two complementary bioregulators stabilize and protect the unstable gastrointestinal flora and counteract digestive disorders
- a combination of acids acts as a coagulant, optimizes the digestive processes and reduces the risk of diarrhea
- feed intake and rumen development are promoted by natural stimulators

Special ingredients:

BERGOPHOR<sup>+</sup>MSS<sup>+</sup>

Recommendations for use:

**BERGIN® Provilac Protect** is administered at 10 g per liter of milk per animal per day.



## BERGIN® Provilac S

item no. 0218

Trading unit:

Bucket 7 kg, Bag 25 kg

Makes whole milk drink safe. Strengthens the body's defences, optimises digestion and stabilizes the intestinal tract. Prevents from deficiency symptoms, anaemia etc.

Special ingredients:

BERGOPHOR<sup>+</sup>MSS<sup>+</sup>

Recommendations for use:

**BERGIN® Provilac S** is dosed with 10 g per l of milk (at least 60 g per animal and day). In critical phases the dosage can be raised to 20 g per l.

Soak temperature: 30 - 38 °C



### Important:

Feed whole milk pure respectively diluted with max. 10 % of water. If whole milk is mixed with milk replacers, acidified milk replacers deliver additional security.

# Special supplementary feed



## BERGIN® Kälberflocken

item no. 0258

Trading unit:

Bag 20 kg

The tasty prestarter with oregano oil and lucerne meal in flake form is provided for free ingestion from second week of life in addition to milk. Thus the development to ruminants is initiated early and a compatible change to non-milk feed is set.

Special ingredients:

BERGOPHOR MSS



## BERGIN® Kälberpellet

item no. 0259

Trading unit:

Bag 25 kg, BigBag 500 kg

The tasty prestarter for calves in pellets is provided for free ingestion additionally to milk from second week of life. Thus the development to ruminants is initiated early and a compatible change to non-milk feed is set.

Special ingredients:

BERGOPHOR MSS



## BERGIN® Kälberkraft 33

item no. 0254

Trading unit:

Bag 25 kg, BigBag 500 kg

Special supplement feed rich in protein for the production of high-quality calf rearing food with own grain.

Special ingredients:

BERGOPHOR MSS

Inclusion rate:

33 %



## BERGIN® Kälberkraft 10

item no. 0255

Trading unit:

Bag 25 kg, BigBag 500 kg

Special supplement feed to produce farm-made calf starter with grain and soya.

Special ingredients:

BERGOPHOR MSS

Inclusion rate:

10 %

**BERGIN® Kälber-TMR**

item no. 0256

Trading unit:

Bag 20 kg

The convenient total mixed ration (TMR) for calves. Due to the use of **BERGIN® Kälber-TMR** the health of the calves and the development to a ruminant is reached with reduced effort and decline of growth after weaning is reduced!

**BERGIN® Kälber-TMR** contains optimal content and quality of fiber, molasses and a mix of concentrates exactly aligned to the requirements of calves.

- easy to use
- very tasty and ensured feed quality due to preserving acids
- concentrates and fiber in the right ratio
- rapid rumen development
- high daily weight gain
- no selection due to a specific choice of ingredients and dosage of molasses

**Special ingredients:**

with live yeast



-vital substances

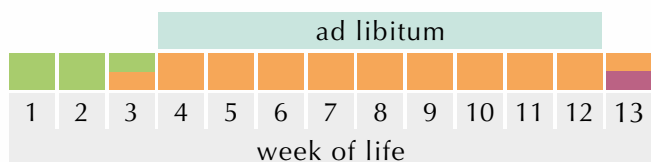
**Recommendations for use:****IMPORTANT**

*Calves always need to have access to drinking water!*

Feed **BERGIN® Kälberflocken** up to the 2<sup>nd</sup> week of live (same taste). From the 3<sup>rd</sup> week of live feed **BERGIN® Kälber-TMR** ad libitum until 4 weeks after weaning. After that mix it with silages or dairy cow rations.

**Required amount per calf:** 50 - 70 kg

	<b>BERGIN® Kälberflocken</b>		<b>BERGIN® Kälberflocken + BERGIN® Kälber-TMR</b>
	<b>BERGIN® Kälber-TMR</b>		<b>Silage or dairy cow ration + BERGIN® Kälber-TMR</b>



# Special supplementary feed



## BERGIN® BronchiPhyt Plus

item no. 0224

Trading unit:

Bucket 7 kg, Bag 25 kg

Special supplementary feed with the active ingredient **BronchiPhyt®** to support the respiratory function and digestion of calves.

- supports resistance and increases performance
- reduces the adhesion of pathogenic germs to the intestinal wall
- improves the cough score and reduces the use of medication due to respiratory diseases
- increases feed conversion and daily weight gain
- supports the natural resistance
- supports the airway function

**Special ingredients:**

**BronchiPhyt**

**Recommendations for use:**

**BERGIN® BronchiPhyt Plus** is mixed into the milk drinker at 50 g per animal per day.

# Special mineral feed

## BERGIN® Kälberplus

item no. 0216

Trading unit:

Bag 25 kg, BigBag 500 kg

Mineral and active ingredients concentrate to produce farm-made calf starter with grain and soya

Special ingredients:



BERGOPHOR MSS

Inclusion rate:

4 %



## BERGIN® Kälberbon

item no. 0428

Trading unit:

Bowl 7.5 kg, Bucket 18 kg

Licking material for calves. For additional provision of minerals, trace elements and vitamins.

- supports the development of a stable foundation
- stimulates feed intake and rumen development
- from 2<sup>nd</sup> to 16<sup>th</sup> week of life for free ingestion
- contains essential oils of garlic and cinnamon to stabilize the healthy intestinal flora and to support the natural defense against flying insects and ectoparasites

Special ingredients:

BERGOPHOR MSS



# Special mineral feed



## KULMIN® RobiTop

item no. 0551

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Mineral and active ingredient concentrate for the production of farm milk performance feed with a special combination of flavorings. Blended with grain and protein carrier to form an farm specific performance feed. The flavoring mixture, which has been specially optimized for dairy cows, ensures a very high level of acceptance and makes the feed an ideal attractant for automatic milking systems.

- optimal mineral and active ingredient content for the production of a farm's own milk performance feed
- rumen-protected vitamin B<sub>12</sub> passes through the rumen unchanged and is then available to the metabolism for energy production and fatty acid synthesis

Special ingredients:



-vital substances

Inclusion rate:

3 %



## KULMIN® LK

item no. 0316

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for the production of concentrated milk feed *with a high grain content*.

Special ingredients:



-vital substances

Inclusion rate:

3 %



## KULMIN® WK

item no. 0371

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Supplementation of trace elements and vitamins for balanced basal feed without requirement of supplementary phosphor and calcium. High in sodium and magnesium.

Special ingredients:



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day

## KULMIN® Vital marketing line

The **KULMIN® Vital marketing line** contains a effective combination of Vitamin E, a novel mixture of antioxidants consisting of natural tocopherols, propyl gallate and citric acid, selenium in rumen-protected form and a vitamin B complex, especially for ruminants, are combined effectively. Additionally it contains a special herb mixture and further rumen and metabolism supporting components. Therefore it provides important elements for permanently high performance, good health and fertility.

Valid for all products **KULMIN® Vital marketing line**:

### Special ingredients:



**SECUSE**  
Luo



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day

### KULMIN® GM-Vital

item no. 0394

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

For diets with intensely fertilised grass, grass silage, with or without maize silage. For basal feed low in calcium and high in phosphor.

### KULMIN® CA-Vital

item no. 0305

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

For diets with young pasture and meadow grass, grass silage combined with maize silage. For basal feed low in calcium.





# Special mineral feed

*KULMIN® Vital marketing line*



## KULMIN® FG-Vital

item no. 0306

**Trading unit:**

**Bag 25 kg, BigBag 500 kg / 1,000 kg**

For diets with high proportions of maize silage in combination with grass silage, fresh grass, hay. For basal feed low in calcium and phosphor.



## KULMIN® LE-Vital

item no. 0395

**Trading unit:**

**Bag 25 kg, BigBag 500 kg / 1,000 kg**

For diets high in calcium and low in phosphor with high proportions of legumes (clover, clover-grass, Lucerne, rapeseed, beet leaf).

### **Einsatzempfehlung:**

*For milk fever prophylaxis*

100 - 200 g per animal and day in the last 4 weeks before calving.



## KULMIN® Vital HL marketing line

The **KULMIN® Vital HL marketing line** contains a effective combination of Vitamin E, a novel mixture of antioxidants consisting of natural tocopherols, propyl gallate and citric acid, selenium in rumen-protected form and a vitamin B complex, especially for ruminants, are combined effectively. Additionally it contains a special herb mixture and further rumen and metabolism supporting components. Therefore it provides important elements for permanently high performance, good health and fertility.

Also contains highly available organic trace elements (Zn, Mn, Cu chelate) and a highly effective biotin dosage for optimum stability of claws, tough skin and mucous membranes. It thus ensures high and stable performance, best fertility and a long life.

Valid for all products **KULMIN® Vital marketing line:**

### Special ingredients:



with biotin

**SECUSE**  
L<sub>uo</sub>



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day

### KULMIN® CA-Vital HL

item no. 0300

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

For intensively fertilised grass, preserved grass with and without maize silage; for basal feed low in calcium.



### KULMIN® FG-Vital HL

item no. 0301

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

For mixed basal feed rations of grass, preserved grass and medium to high proportions of maize silage. For basal feed low in calcium and phosphor.



# Special mineral feed

*KULMIN® ProVit HL marketing line*

The **KULMIN® ProVit HL marketing line** contains a effective combination of Vitamin E, a novel mixture of antioxidants consisting of natural tocopherols, propyl gallate and citric acid, selenium in rumen-protected form and a vitamin B complex, especially for ruminants, are combined effectively. Additionally it contains a special herb mixture and further rumen and metabolism supporting components. Therefore it provides important elements for permanently high performance, good health and fertility. Contains highly available organic trace elements (Zn, Mn, Cu chelate) and a highly effective biotin dosage for optimum stability of claws, tough skin and mucous membranes. It thus ensures high and stable performance, best fertility and a long life.

In addition, **KULMIN® ProVit HL marketing line** Marketing contains live yeast to optimize ruminal fermentation and selenium yeast to ensure perfect selenium provision.

*Valid for all products KULMIN® ProVit HL marketing line:*

**Special ingredients:**



with biotin

with live yeast

**SECUSE** plus



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day

**Note:** Application recommendation or mixing rate for **KULMIN® LK-ProVit HL** deviating.

**KULMIN® CA-ProVit HL**

item no. 0358

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

For diets low in calcium, based on grass silage, with medium proportions of maize silage.

**KULMIN® FG-ProVit HL**

item no. 0373

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

For mixed basal feed rations of grass, preserved grass and medium to high proportions of maize silage

**KULMIN® LK-ProVit HL**

item no. 0399

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for the production of concentrated milk feed *with a high grain content*.

**Inclusion rate:**

3 %



# Special mineral feed

## KULMIN® TMR marketing line

The special mineral feeds of the **KULMIN® TMR marketing line** are suitable for *partly or totally mixed rations (TMR)* for dairy cows.



### KULMIN® TMR-Vital

item no. 0347

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Includes all components of the **KULMIN® Vital marketing line** (see page 35).

Special ingredients:



-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day

### KULMIN® TMR-Vital HL

item no. 0302

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Includes all components of the **KULMIN® Vital HL marketing line** (see page 37).

Special ingredients:



-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day

**KULMIN® TMR-ProVit**

item no. 0385

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Includes all components of the **KULMIN® Vital marketing line** (see page 35) and live yeast to optimize rumen fermentation.

**Special ingredients:**

with live yeast

**SECUSE**<sub>uo</sub>

-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day

**KULMIN® TMR-ProVit HL**

item no. 0303

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Includes all components of the **KULMIN® ProVit HL marketing line** (see page 38).

**Special ingredients:**

with biotin

with live yeast

**SECUSE**<sub>plus</sub>

-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day



# Special mineral feed

*KULMIN® Dairy marketing line*

*The KULMIN® Dairy marketing line - the right feed for every cow*

The nutrient supply of the dairy cow depends on the feed components, the ration structure and the microbial fermentation in the rumen. High-yielding cows have to cope with many stress factors, especially in early lactation. Sub-clinical inflammatory processes, oxidative stress, a negative energy balance and the risk of ketosis and rumen acidosis put a strain on the metabolism.

The performance-based and best possible supply of minerals and active ingredients specifically counteracts stressors and is of crucial importance for a stable metabolism and rumen function as well as the longevity of dairy cows.

## Feed recommendation

1.5 % or 15 g of *KULMIN® Dairy-Linie*  
per kg of dry matter consumed

use amount per cow and day

# 250 g - 400 g

in partial and total mixed rations, the cows can be supplied with minerals and active ingredients over the entire lactation that is precisely tailored to their performance.



basic-mineral-feed

**KULMIN® Dairy Basic**

item no. 0590

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

The basic-mineral-feed for an optimal and performanceadapted supply of high-performance cows with minerals, vitamins and natural polyphenolst.

**Special ingredients:**



-vital substances



**KULMIN® Dairy Metabol**

item no. 0593

Trading unit: Bag 25 kg, BigBag 500 kg / 1,000 kg

The special mineral feed with "rumen-claw-package" specifically supports the cow's metabolism and has a positive effect on the composition of the rumen flora.

**Special ingredients:**

with biotin



-vital substances

**KULMIN® Dairy Feet & Claw**

item no. 0594

Trading unit: Bag 25 kg, BigBag 500 kg / 1,000 kg

The special mineral feed with "claw-vitality-package" also contains biotin and an extra supplement of high-availability zinc to stabilize claw health.

**Special ingredients:**

with biotin



-vital substances

**KULMIN® Dairy Buffer & Bind**

item no. 0591

Trading unit: Bag 25 kg, BigBag 500 kg / 1,000 kg

The special mineral feed with "pH-plus-endotoxin-package" contains effective buffer substances to stabilize the rumen pH value and a special endotoxin binder.

**Special ingredients:**

with live yeast



-vital substances

**KULMIN® Dairy Digest**

item no. 0592

Trading unit: Bag 25 kg, BigBag 500 kg / 1,000 kg

The special mineral feed with "digestibility-plus-package" increases the overall digestibility of the ration. Live yeast and a prebiotic specially produced for animal nutrition improve the nutrient availability of the ration.

**Special ingredients:**

with live yeast



-vital substances



# Special mineral feed

*KULMIN® RS marketing line*



GMO-free dairy cattle feeding is becoming increasingly important. The rations are therefore increasingly being equipped with rapeseed meal. In comparison to other protein carriers, this brings more phosphorus into the ration.

For a balanced mineral and active substance supplementation of rapeseed-rich or phosphorus-rich rations was developed the **KULMIN® RS marketing line**.

## Please mind:

An optimal phosphorus supply to the dairy cow has a decisive effect on the provision of energy in the organism and thus on metabolic and bodily functions. The nutrient analysis, of all basic feed used in the ration is essential for a needs-based phosphorus supply

We would be happy to assist you with **ration planning** and the creation of a **ration calculation**.



## KULMIN® GM-RS Vital

item no. 0454

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed to compensate for basic feed for dairy cows. Includes all components of the **KULMIN® Vital marketing line** (see page 35).

**Besondere Inhaltsstoffe:**  **SECUSE**  -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day

## KULMIN® TMR-RS Vital HL

item no. 0470

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for **partly or totally mixed rations (TMR)** for dairy cows. Includes all components of the **KULMIN® Vital HL marketing line** (see page 37).

**Special ingredients:**  **SECUSE**  -vital substances 

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day

**KULMIN® TMR-RS Pro**

item no. 0459

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kgSpecial mineral feed for *partly or totally mixed rations (TMR)* for dairy cows.Includes all components of the **KULMIN® Vital marketing line** (see page 35) and live yeast to optimize rumen fermentation.**Special ingredients:**

with live yeast



-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
 young cattle up to 100 g per animal and day

**KULMIN® TMR-RS Pro HL**

item no. 0471

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kgSpecial mineral feed for *partly or totally mixed rations (TMR)* for dairy cows.Includes all components of the **KULMIN® Vital HL marketing line** (see page 37), live yeast to optimize rumen fermentation and selenium yeast to ensure selenium supply.**Special ingredients:**

with biotin

with live yeast



-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
 young cattle up to 100 g per animal and day



# Special mineral feed

To reduce the risk of rumen acidification



## KULMIN® Rumi-ProVit HL

item no. 0455

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed and active ingredient concentrate for dairy cows. Includes all components of the **KULMIN® Vital HL marketing line** (see page 37), live yeast to optimize rumen fermentation and selenium yeast to ensure selenium supply.

**KULMIN® Rumi-ProVit HL** stimulates the rumen flora, reduces the risk of rumen acidosis and protein degradation inside the rumen for more metabolizable protein. Contributes to stabilization of blood glucose level and reduces the body mass losses.

Special ingredients:



with biotin

with live yeast

**SECUSEP<sup>plus</sup>**

**RumiP<sup>HYL</sup>**



-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day



## KULMIN® Rumi-CA-ProVit HL

item no. 0528

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed and active ingredient concentrate for dairy cows with less calcium.

Includes all components of the **KULMIN® Vital HL marketing line** (see page 37), live yeast to optimize rumen fermentation and selenium yeast to ensure selenium supply.

**KULMIN® Rumi-CA-ProVit HL** stimulates the rumen flora, reduces the risk of rumen acidosis and protein degradation inside the rumen for more metabolizable protein. Contributes to stabilization of blood glucose level and reduces the body mass losses.

Special ingredients:



with biotin

with live yeast

**SECUSEP<sup>plus</sup>**

**RumiP<sup>HYL</sup>**



-vital substances

**Recommendations for use:** dairy cows 150 - 300 g per animal and day  
young cattle up to 100 g per animal and day

## Licking material for self-supply

### KULMIN® WTH

item no. 0343

Trading unit:

Bucket 22 kg

Tasty licking material in a bucket with a lot of easily available magnesium and vitamins to prevent tetany.

**Special ingredients:**



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



### KULMIN® Leckschale R

item no. 0382

Trading unit:

Bowl 10 kg / 20 kg

High-quality licking material for provision with minerals and trace elements on pasture (without vitamins).

**Special ingredients:**



**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



### KULMIN® BL

item no. 0319

Trading unit:

Bucket 25 kg, Tub 85 kg

Special mineral feed with vitamins in a licking bucket or tub for additional provision in stables or for basal provision on pasture.

**Special ingredients:**



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day





# Special mineral feed

*Licking material for self-supply*



## KULMIN® BL-Vital HL

item no. 0400

**Trading unit:**

**Bucket 25 kg, Tub 85 kg**

Special mineral feed in a licking bucket for high performance cattle. For diets low in calcium or for basal provision on pasture. With organic trace elements.

Includes all components of the **KULMIN® Vital HL marketing line** (see page 35).

**Special ingredients:**



with biotin

**SECUSE**  
Juo



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



## KULMIN® BL-K

item no. 0534

**Trading unit:**

**Bucket 25 kg, Tub 85 kg**

Special mineral feed with vitamins in a licking bucket or tub for additional provision in stables or for basal provision on pasture. Equipped with a highly active garlic concentrate to support the fly defense. Essential oils and the resulting smell of garlic help keep annoying flies, mosquitoes and brakes away from the animals. With tasty molasses and organic components for better feed intake.

**Only available seasonally:** February - September



**Please mind:**

Do not feed to milk producing animals.  
The milk can take on the taste of garlic.

**Special ingredients:**

**SECUSE**  
Juo



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



# Special supplementary feed

*For special purposes*

**KULMIN® MicroPro**

item no. 0450

**Trading unit:**

**Bag 25 kg, BigBag 500 kg**

Special supplementary feed with slow releasing urea (optimal synchronisation with maize). To save extracted soybeans (rape seed).

- up to 800 g of soybean meal (44 % CP) respectively up to 1,000 g of rape seed meal (35 % CP) can be replaced by the use of **KULMIN® MicroPro**
- the percentage of concentrates will be reduced
- produce more milk out of affordable forage
- reach the same performance with lower supply of crude protein
- increase production of microbial protein with ideal amino acid composition
- improve protein-energy-synchronization

## Recommendations for use:

Feed 50 - 150 g **KULMIN® MicroPro** per animal and day. The ration may contain up to 15 g NPN-nitrogen per 100 kg of body weight.

Compensation with energy (e. g. maize silage) necessary. Increase amount of **KULMIN® MicroPro** in a few steps over 14 days to the wanted daily dose (max. 150 g per animal and day).

Especially suitable for rations with high percentage of maize silage.

Be careful with rations with high percentage of grass silage or grass silages with high crude protein content (> 18 % CP).

**Do not feed on calves!**



# Special supplementary feed

*For special purposes*



## KULMIN® Digest forte 100

item no. 0595

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special supplementary feed for dairy cows **to improve the nutrient digestibility** of the total ration. Contains a prebiotic produced by microbial fermentation, which serves as a selective food source, in particular for bacteria and fungi that digest raw fibre.

- improvement of the overall digestibility of the ration by at least 10 %
- improvement in the digestibility of crude fiber (NDF) by at least 12 %
- increase in dry matter intake by approx. 400 g per cow and day
- more usable crude protein in the small intestine
- higher milk yield
- higher phosphorus utilization

### Recommendations for use:

dry cows (from 3 - 4 weeks before calving)  
lactating cows  
fattening cattle

50 g per animal and day  
100 g per animal and day  
25 - 50 g per animal and day



## KULMIN® LEINEX Energy Digest

item no. 0550

Trading unit:

Bag 25 kg

Special supplementary feed for dairy cows **to improve the energy and protein supply** and to optimize the digestibility of nutrients in the overall ration. Contains a prebiotic specially produced for animal nutrition through microbial fermentation, which is used in particular as a selective food source for crude fiber-digesting bacteria and fungi. These therefore multiply more, which increases the production of enzymes for digesting fiber carbohydrates and the formation of volatile fatty acids in the rumen.

- makes nutrients from the feed components more readily available
- as a source of energy, it lowers the risk of increased body mass build-up in early lactation
- improves the cows' metabolism
- increases milk yield and feed intake of dairy cows
- helps to reduce the decline in feed consumption in the event of heat stress

**Recommendations for use:** dairy cows 0.5 - 1.0 kg per animal and day

**KULMIN® BufferPro**

item no. 0541

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Special feed supplement with highly active algal lime, sodium bicarbonate, magnesium oxide as well as natural polyphenols **for buffering the pH value in the rumen** of ruminants. The algal lime is highly porous and thus offers a large surface which safely neutralizes excess acid in the rumen and keeps the pH value permanently stable.

- stabilizes the rumen-pH-value for hours
- increases the heat tolerance
- stabilizes the rumen flora
- supports lactic-acid and crude-fibers degrading rumen bacteria
- increases the propionic acid production for a better energy utilization
- increases microbial protein synthesis

**Recommendations for use:** dairy cows 100 - 150 g per animal and day  
fattening cattle 50 - 100 g per animal and day

**BERGIN® Endo-Forte**

item no. 0543

**Trading unit:** Bag 25 kg

Special supplementary feed for cattle, pigs and poultry **to bind endotoxins** in the digestive tract. Contains activated clay minerals specially developed to bind endotoxins. Due to their high adsorptive capacity, they bind up to 100% of the endotoxins in the digestive tract and reduce the risk of symptoms of poisoning. **BERGIN® Endo-Forte** does not affect the intestinal flora and nutrient absorption.

- increase in milk yield by up to 0.8 kg per cow and day
- reduces somatic cells

**Recommendations for use:** dairy cows 80 - 150 g per animal and day



# Special supplementary feed

*For special purposes*



## KULMIN® ProLac Amin M

item no. 0544

Trading unit:

Bag 25 kg, BigBag 500 kg

Special supplementary feed with **rumen-protected methionine** for dairy cows to optimize the amount of essential amino acids in the small intestine.

- increase the efficiency of protein utilization
- increase milk ingredients and milk yield
- relieve the metabolism
- reduce the risk of fatty liver and ketosis
- reduce the N-excretions (area balance)

### Recommendations for use:

To optimize the raw protein content and to balance the amino acids methionine in the **KULMIN® ProLac Amin M** ration, feed 100 - 200 g per animal and day, depending on the ration composition.

→ **Ration calculation recommended!**



## BERGIN® LEINEX Plus

item no. 0171

Trading unit:

Bag 25 kg, BigBag 500 kg / 750 kg

Special supplementary feed with linseed extrudate, high in omega-3 fatty acids with positive effects on rumen fermentation, mucous membranes, fertility and immune system. Provides easily digestible energy.

**Recommendations for use:** dairy cows 0.5 - 2.0 kg per animal and day  
(in the first 100 days of lactation)  
calves 5 - 10 % in the feed for calf rearing

### Special ingredients:



# Special products

*To reduce the risk of milk fever*

## KULMIN® MFV komplett

item no. 0508

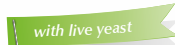
Trading unit:

Bag 25 kg, BigBag 500 kg

Special product for the preparation feeding of the dry cow.

- to reduce the risk of milk fever
- supports the immune system in the high-stress phase „birth-near period“
- promotes the development of a vital calf
- has a clearly positive effect on the postnatal phase and the start of lactation
- effective ketosis prophylaxis even before calving
- targeted inflammation management in the period close to birth

### Special ingredients:



-vital substances

### Recommendations for use:

3<sup>rd</sup> to 4<sup>th</sup> week before calving until calving  
1.0 kg - 1.5 kg per animal and day



## KULMIN® MFV Plus

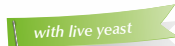
item no. 0354

Trading unit:

Bag 25 kg, BigBag 500 kg

Special product for preparation of dry cows within last 4 weeks before calving to reduce the risk of milk fever. For ideal rumen conditions at the beginning of lactation and with special liver protectants.

### Special ingredients:



-vital substances

### Recommendations for use:

3<sup>rd</sup> to 4<sup>th</sup> week before calving  
100 - 200 g per animal and day



# Special products

*To reduce the risk of milk fever*



## KULMIN® Phos

item no. 0340

**Trading unit:**

**Bucket 20 kg, Tub 70 kg**

Licking material fully vitaminised and high in phosphor, for diets high in calcium or respectively to prevent hypocalcaemia within last three

**Special ingredients:**



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



## KULMIN® Phos Vital HL

item no. 0510

**Trading unit:**

**Bucket 20 kg, Tub 70 kg**

Licking material fully vitaminized and high in phosphor with organically bound trace elements, selenium yeast and a special biotin dose for diets rich in calcium and low in phosphor or respectively to prevent hypocalcaemia. In the last three to four weeks before calving. For optimal supply of dry cows.

**Special ingredients:**



-vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



## For early lactation

### KULMIN® Vital-Drink

item no. 0474

Trading unit:

Bucket 8 kg, Bag 15 kg

Special preparation for cattle to reduce the risk of metabolic disorders, hypocalcaemia and for quick regeneration after calving. Simply mix in the bucket and prepare as a potion after calving. Contains a quickly absorbable and tasty energy package made from glucose, whey and baby milk powder.

#### Special ingredients:



with live yeast

#### Recommendations for use:

1 kg of **KULMIN® Vital-Drink** must be dissolved in at least 20 l of warm water (20 - 25 °C), i. e. 50 g/l water. It is also important that the cows do not have taken up water before the **KULMIN® Vital-Drink**.



### KULMIN® Propycal

item no. 0676

Trading unit:

1 Package = 4 x 0,5 l

Liquid diet supplement feed for the intensive supply of calcium, phosphorus, propylene glycol and essential oils to reduce the risk of milk fever. The herbal extracts it contains stimulate appetite and feed intake. As a routine support for every high-performance cow from the 2<sup>nd</sup> calf in the period close to birth.

#### Recommendations for use:

##### Prevention of milk fever

- 1<sup>st</sup> bottle 24 hours before calving.
- 2<sup>nd</sup> bottle immediately after calving.
- 3<sup>rd</sup> bottle 12 hours after calving.
- 4<sup>th</sup> bottle 24 hours after calving.

##### Support of the calcium-supply after veterinarian calcium-infusion

- 1<sup>st</sup> bottle 8 - 12 hours and 2<sup>nd</sup> bottle 24 hours after the infusion.

##### Support of the post partal phase

Give each cow from the second calving a bottle as soon as possible after birth.



# Special products

*For early lactation*



## KULMIN® Lacto HL 50

item no. 0362

**Trading unit:**

Bag 25 kg, BigBag 500 kg / 750 kg

A dietary supplement to reduce the risk of ketosis. With blood sugar-forming substances (propylene glycol, sodium propionate), bypass protein and high levels of active ingredients. Ensures optimal rumen processes and maximum performance with good health and fertility.

**Special ingredients:**



**Recommendations for use:**

*To reduce the risk of ketosis*

Feeding about 2 weeks before calving with 0.75 to 1 kg per animal and day. Feeding 1 kg per animal per day from calving for a period of 3 to 6 weeks.

*For convalescence (metabolic support) after acute ketosis*

Feeding about 1 kg per animal per day for 4 weeks.



## KULMIN® Lacto HL 100

item no. 0363

**Trading unit:**

Bag 25 kg, BigBag 500 kg / 750 kg

A dietary supplement to reduce the risk of ketosis. With blood sugar-forming substances (propylene glycol, sodium propionate), bypass protein and rumen-protected L-carnitine for active liver protection. Supports metabolic processes and rumen digestion, for good health and fertility in high-yielding cows.

**Special ingredients:**



**Recommendations for use:**

*To reduce the risk of ketosis*

Feeding about 2 weeks before calving with 1.2 kg per animal and day. Feeding 2 kg per animal per day from calving for a period of 3 to 6 weeks.

*For convalescence (metabolic support) after acute ketosis*


Feeding about 2 kg per animal per day for 4 weeks.

**KULMIN® LEINEX Aktiv**

item no. 0196

**Trading unit:** Bag 25 kg, BigBag 500 kg / 750 kg

Special supplementary feed for early and high lactation with specially processed linseed as well as liver protecting elements (niacine, choline, methionine, betaine, l-carnitine) and bypass-protein. Supports liver metabolism, optimizes rumen function and lowers energy deficit.

**Special ingredients:**
 -vital substances
**Recommendations for use:**

*Transition period (2 - 3 weeks before calving)* 0.5 - 1 kg per animal and day

*Early lactation (until 4 weeks after calving)* 1 - 1.5 kg per animal and day

*Phase of highest lactation  
(5 - 10 weeks after calving)* 1 kg per animal and day



# Special products

*For early lactation*



## KULMIN® GlukoMix

item no. 0562

### Trading unit:

Barrel 220 kg, Container 1,100 kg

Liquid diet supplement made from isomaltulose molasses, glycerine, sodium propionate solution and propylene glycol to reduce the risk of ketosis that has been specially optimized for palatability and to increase feed consumption (attractant feed). Pure glycerine (99.9 % purity) effectively stimulates feed intake and, as an attractant, can help to optimize the milking frequency (attractant feed). At the same time, part of the high-quality glycerine serves as energy for the rumen flora.

**KULMIN® GlukoMix** makes a significant contribution to compensating for the energy deficit in high-performance cows during early lactation and to reducing the strain on the metabolism and, in particular, the liver. This makes it easier for the cow's carbohydrate and fat metabolism to return to normal. The cows give more milk with less strain on the metabolism.

**KULMIN® GlukoMix** is a tasty energy mix for transponders and AMS feeding technology. Cows like to come to the liquid dispenser and to be milked. **KULMIN® GlukoMix** can also be fed with the feed ration. Also ideal for dry cows. Can also be rotated if necessary.

### Recommendations for use:

**KULMIN® GlukoMix** consists of highly effective, tasty glucoplastic substances that support the liver metabolism (gluconeogenesis) and for nutritional support of the metabolic processes subclinical and clinical ketosis. Thanks to its particularly tasty formulation, it can be used successfully as a bait in the milking robot.

#### *To reduce the risk of ketosis*

- start feeding from 2 weeks before calving or
- from calving on, feed 670 g per animal and day for a period of 3 - 6 weeks

#### *For metabolic support after acute ketosis*

- feed approx. 670 g per animal per day for 4 weeks

During administration of calcium or sodium propionates at the end of pregnancy, an assessment of mineral balance associated with the risk of postpartum hypocalcaemia should be made.

**KULMIN® ProLac 40**

item no. 0512

**Trading unit:****Barrel 220 kg, Container 1,100 kg**

Liquid supplementary feed comprised of propylene glycol, sodium propionate solution, isomaltulose molasses and glycerin to reduce the risk of ketosis (acetonemia).

Propylene glycol is absorbed very quickly in the rumen and is then directly available to the intermediate metabolism as a blood glucose-forming substance (glucose precursor). Sodium propionate as a natural precursor of glucose also very effectively supports the production of blood sugar, entering the citric cycle from an different pathway. The enzymatically modified sugars contained in the isomaltulose molasses provide the rumen bacteria with fast and slowly available sugars.

**KULMIN® ProLac 40** particularly reduces the amount of ketone bodies, e.g. beta hydroxy butyrate (BHB), free fatty acids derived from the body fat metabolism in the blood and the content of triglycerides in the liver in the early lactation. **KULMIN® ProLac 40** significantly contributes to compensate for the energy deficit of high-performance cows in the early lactation and to reduce the burden on the metabolism and in particular the liver. The carbohydrate and fat metabolism of the cow can thus normalize more easily. The cows give more milk with less stress on the metabolism.

**KULMIN® ProLac 40** is a tasty energy mix for transponders and AMS feeding technology. Cows like to come to the liquid dosage machine and milking. **KULMIN® ProLac 40** can also be fed via the mixing wagon. Also ideal for dry cows. Can also be drenched in case of need.

**Recommendations for use:***To reduce the risk of ketosis*

- start feeding from 2 weeks before calving or
- from calving on, feed 670 g per animal and day for a period of 3 - 6 weeks

*For metabolic support after acute ketosis*

- feed approx. 670 g per animal per day for 4 weeks

# Special mineral feed



## KULMIN® Bullenprofi

item no. 0386

**Trading unit:**

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for professional farmers. Meets the highest demands on fattening performance and the production of quality meat. With rumen-stimulating B-vitamins and rumen-stabilising performance-enhancing probiotic live yeast for optimum rumen digestion and nutrient utilisation. With taste-herb mixture.

**Special ingredients:**



-vital substances

**Recommendations for use:** fattening cattle up to 150 g per animal and day



## KULMIN® Bullenplus

item no. 0361

**Trading unit:**

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for economic cattle fattening. Meets all requirements to produce high-quality beef.

**Special ingredients:**



-vital substances

**Recommendations for use:** fattening cattle up to 150 g per animal and day



## KULMIN® RM-Plus

item no. 0387

**Trading unit:**

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for intense fattening with maize silage. Contains a rumen and performance stabilizing live yeast.

**Special ingredients:**



-vital substances

**Recommendations for use:** fattening cattle up to 150 g per animal and day



# Special supplementary feed

*For special purposes*

**KULMIN® NPN-Plus**

item no. 0449

Trading unit:

Bag 25 kg, BigBag 500 kg / 1,000 kg

Special supplementary feed with urea and bypass protein. To replace extracted soya beans (rape seed) in maize silage rations.

## Recommendations for use:

Urea may be only fed to animals with developed rumen. The dose of urea in feed should be raised gradually until maximum dosage. The maximum dosage should only be given with feed, which is rich on easily digestible carbohydrates and low on soluble nitrogen. At most 30 % of the total nitrogen in the daily feed ration should be provided from urea nitrogen.

dairy cows		50 - 200 g per animal and day
young cattle		50 - 150 g per animal and day
fattening cattle	200 kg live weight	up to 50 g per animal and day
	400 kg live weight	up to 100 g per animal and day
	600 kg live weight	up to 150 g per animal and day
	800 kg live weight	up to 200 g per animal and day

1 kg **KULMIN® NPN-Plus** calculatory provides enough nitrogen for the synthesis of approx. 1,450 g microbial protein. With 100 g **KULMIN® NPN-Plus** can up to 335 g soybean meal or 425 g rapeseed meal be substituted.

**Do not feed on calves! Ration calculation recommended.**



# Special mineral feed

*KULMIN® OLB marketing line*



## KULMIN® WG-OLB

item no. 0388

**Trading unit:**

**Bag 25 kg, BigBag 500 kg / 1,000 kg**

Special mineral feed (without vitamins) for diets low in calcium. Also suitable to produce farm-made feed concentrate.

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
 young cattle up to 100 g per animal and day  
 fattening cattle up to 150 g per animal and day



**KULMIN® WG-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.



## KULMIN® WG Vit-OLB


item no. 0392

**Trading unit:**

**Bag 25 kg, BigBag 500 kg / 1,000 kg**

Special mineral feed for diets low in calcium with vitamin A, D<sup>3</sup> and E. Also suitable to produce farm-made feed concentrate.

**Special ingredients:**

 -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
 young cattle up to 100 g per animal and day  
 fattening cattle up to 150 g per animal and day



**KULMIN® WG Vit-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.

**KULMIN® WG ProVit-OLB**

item no. 0514

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Special mineral feed for diets low in calcium, with vitamin A, D<sup>3</sup> as well as vitamin E and selenium yeast for optimal support of the immune system and overall health.

Includes all components of the **KULMIN® Vital HL** marketing line and live yeast.

**Special ingredients:**

- vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
 young cattle up to 100 g per animal and day  
 fattening cattle up to 130 g per animal and day



**KULMIN® WG ProVit-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.



# Special mineral feed

*KULMIN® OLB marketing line*



## KULMIN® KG Vit-OLB


item no. 0346

**Trading unit:**

**Bag 25 kg, BigBag 500 kg / 1,000 kg**

Special mineral feed for diets high in calcium and low in phosphor (clover grass, legumes). Also to prevent hypocalcaemia during last 4 weeks before calving.

**Special ingredients:**

 -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



*KULMIN® KG Vit-OLB* is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.



## KULMIN® KG ProVit-OLB

item no. 0527

**Trading unit:**

**Bag 25 kg, BigBag 500 kg / 1,000 kg**


Special mineral feed for diets high in calcium and low in phosphor (clover grass, legumes). Also to prevent hypocalcaemia during last 4 weeks before calving.

Includes all components of the *KULMIN® Vital marketing line* (see page 35) and live yeast to optimize rumen fermentation.

**Special ingredients:**

 with live yeast

**SECUSE** 

 -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



*KULMIN® KG ProVit-OLB* is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.

## Licking material for self-supply

### KULMIN® SALZLECKSTEIN OLB

item no. 6026

Trading unit:

Stone 10 kg

Salt lick with iodine for free intake. For additional provision with sodium chloride and iodine in stable and on pasture.



**KULMIN® SALZLECKSTEIN OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-039. Listed on the list of organic farming products in Germany.



### KULMIN® MINERALLECKSTEIN OLB

item no. 0326

Trading unit:

Stone 10 kg

Salt lick, which contains besides sodium chloride also calcium, magnesium, phosphorus and the trace elements manganese, zinc, iodine and selenium.



**KULMIN® MINERALLECKSTEIN OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-039. Listed on the list of organic farming products in Germany.



### KULMIN® BL-OLB

item no. 0380

Trading unit:

Bucket 25 kg, Tub 85 kg

Highly pressurised mineral feed in a licking bucket. Contains the vitamins A, D<sub>3</sub> and E. For self-supply in stable or on pasture.

**Special ingredients:**

-vital substances

**Recommendations for use:** dairy cows  
young cattle

100 - 200 g per animal and day  
up to 100 g per animal and day



**KULMIN® BL-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.



# Special mineral feed

*Licking material for self-supply*



**KULMIN® BL-OLB-K**

item no. 0535

**Trading unit:**

**Bucket 25 kg, Tub 85 kg**


Highly pressurised mineral feed in a licking bucket. Contains the vitamins A, D<sub>3</sub> and E. For self-supply in stable or on pasture. Equipped with a highly active garlic concentrate to support the fly defense. Essential oils and the resulting smell of garlic help keep annoying flies, mosquitoes and brakes away from the animals. With tasty molasses and organic components for better feed intake.

**Only available seasonally:** February - September

**Please mind:**

Do not feed to milk producing animals.  
The milk can take on the taste of garlic.

**Special ingredients:**

 -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



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**KULMIN® BL-OLB-ZG**


item no. 0553

**Trading unit:****Bucket 25 kg, Tub 85 kg**

Special mineral feed with lemon grass in a lick bucket or lick tub for dairy cows and cattle in stable or on pasture. For natural defence against flies. Lemon grass contains essential oils such as citral and myrcene. These essential oils are natural repellents that are perceived by flies and stinging insects via the sense of smell and have a deterrent effect.



**Only available seasonally:** February - September

**Special ingredients:**
 -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
 young cattle up to 100 g per animal and day



**KULMIN® BL-OLB-ZG** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.

# Special mineral feed

*Licking material for self-supply*



## KULMIN® Leckeimer-OLB

item no. 0310

**Trading unit:**

**Bucket 25 kg, Tub 85 kg**

Special mineral feed in a licking bucket or tub without vitamins. For self-supply in stable or on pasture.

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



**KULMIN® Leckeimer-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.



## KULMIN® Phos-OLB


item no. 0403

**Trading unit:**

**Bucket 20 kg**

Highly pressurised mineral feed rich in phosphor to provide vitamins, minerals and trace elements, especially for steaming up dry cows in the last 3 - 4 weeks before calving (to prevent hypocalcaemia).

**Special ingredients:**

 -vital substances

**Recommendations for use:** dairy cows 100 - 200 g per animal and day  
young cattle up to 100 g per animal and day



**KULMIN® Phos-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.

# Special supplementary feed

*KULMIN® OLB marketing line*

## BERGIN® LEINEX Plus-OLB

item no. 0214

Trading unit:

Bag 25 kg

Special supplementary feed for different animal species. With extruded linseed, locust bean whole and omega-3 fatty acids. Provides easily digestible energy and contains additional vitamin E.

### Recommendations for use:

dairy cows

0.5 - 2.0 kg per animal and day  
(in the first 100 days of lactation)

calves

5 - 10 % in the calf rearing feed



**BERGIN® LEINEX Plus-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060.



## BERGIN® ProMilk K-OLB

item no. 0221

Trading unit:

Bag 25 kg

Special supplementary feed for whole milk feeding systems on ecologically producing dairy farms. To make whole milk drink safe. With prebiotic live yeast, lactic acid bacteria as well as with dietary acting locust bean meal. For prevention from deficiency, prevention of digestive issues and promoting healthy growth.

### Special ingredients:

**BERGOPHOR® MSS**

### Recommendations for use:

15 g per liter milk



**BERGIN® ProMilk K-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060.



# Special supplementary feed

*KULMIN® OLB marketing line*



## BERGIN® Kälberkraft 10-OLB

item no. 0285

**Trading unit:**

**Bag 25 kg**

The optimal complementary feed for mixing concentrates and dry TMR for fattening and rearing calves containing linseed, carob and preservative acid.

**Special ingredients:**

**BERGOPHOR®MSS**

**Recommendations for use:**

**10 %**



*BERGIN® Kälberkraft 10-OLB* is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.



## BERGIN® Provilac Acid-OLB

item no. 0225

**Trading unit:**

**Bucket 12,5 kg**

Special supplementary feed for acidification and stabilization of whole milk for rearing calves. Contains a very effective combination of organic acids and salts, which protects the whole milk from microbial spoilage and can also help reduce the pathogenic microbial load in the digestive tract of the calf.

**Recommendations for use:**

**5 - 10 g per liter milk**



*BERGIN® Provilac Acid-OLB* is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060, and manufactured according to the requirements of Bioland e. V. Listed on the list of organic farming products in Germany.

## Notes

# Special supplementary feed



## BERGOVIT Super

item no. 0419

Trading unit:

Bag 10 kg / 25 kg

Special supplementary feed for additional, short term provision of vitamins. E.g. with fertility problems, weakness, after diseases or in stressful situations. Powder for application via feed.

### Special ingredients:



SECUSEPUS

### Recommendations for use:

#### *cows / pregnant cattle*

preventive	150 g per animal and month
3 <sup>rd</sup> and 6 <sup>th</sup> week before calving	150 g per animal and week
3 days before to 2 days after calving	150 g per animal and day
6 weeks after calving	2 x 150 g per animal and week
3 days before insemination and on insemination	150 g per animal
in case of disturbances 3 days in a row	150 g per animal

#### *calves*

in the 1, 4, 8 and 12 week of live / for buying calves	two days in a row 50 g per animal
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#### *cattle for the rearing / breeding bull*

100 g per animal and month

**Do not feed on fattening cattle!**



**BERGIN® Provitop**

item no. 0477

**Trading unit:** Bag 25 kg, BigBag 500 kg / 1,000 kg

Special supplementary feed to stabilizes rumen pH, improves feed utilisation and promotes the well-being and the economy.

**Special ingredients:**

with live yeast

**Recommendations for use:** dairy cows 25 - 50 g per animal and day  
fattening cattle 15 - 30 g per animal and day

**BERGOVIT Prokondi forte**

item no. 0420

**Trading unit:** Bag 25 kg, BigBag 500 kg

Special supplementary feed for cattle, for additional short-term vitamin and iron provision. To be used with stressful situations (transport, change of stable etc.) with high pathogenic pressure (e.g. influenza), with vaccination and to support therapy with medication.

**Recommendations for use:** dairy cows 25 - 50 g per animal and day  
fattening cattle 25 - 50 g per animal and day

**BERGOVIT Prokondi**

item no. 0417

**Trading unit:** Bag 25 kg, BigBag 500 kg

Special supplementary feed for cattle, for additional short-term provision of vitamins and to strengthen the body's defences in stressful situations, especially with heat stress and medication.

**Recommendations for use:** dairy cows 25 - 50 g per animal and day  
fattening cattle 25 - 50 g per animal and day



# Special supplementary feed



## BERGO® Beta-Konzentrat

item no. 0426

Trading unit:

Bag 10 kg / 25 kg


Special supplementary feed for cattle for targeted elimination of lack carotene and feed-related fertility problems of cows and bulls.

In cows with low  $\beta$ -carotene blood concentration (lower than 2,000 mcg/l) often appear deficiency symptoms:

- **$\beta$ -Carotene** deficiency causes bad detectable estrus, delayed ovulation and bad insemination rates
- **$\beta$ -Carotene** undernutrition causes a deficiency of the "hormone of pregnancy" progesterone – this induces early embryonic mortality or early abort
- development of cysts in ovarian follicles and corpora lutea
- colostrum which is low on  **$\beta$ -Carotene** often causes diarrhea and death in calves
- higher somatic cell counts and mastitis
- higher susceptibility of mucous membranes for infections, inflammations and enteropathies

### Special ingredients:



 -vital substances

### Recommendations for use:

#### cows

Depending on staple feed and performance 2 - 3 weeks pre partum until successful insemination 35 - 50 g per cow.

#### breeding bulls

During the mating season 35 - 50 g per animal.

**BERGIN® MS-forte**

item no. 0475

**Trading unit:****Bag 10 kg**

Special supplementary feed for binding mycotoxins. Fungal toxins will get safely bound, excreted and cannot exert their harmful effects.

**BERGIN® MS-forte** contains a complex of active ingredients consisting of specific constituents of yeast cell walls and functional carbohydrates from a special algae.

The mycotoxins are "captured" by **BERGIN® MS-forte** in the gastrointestinal tract and eliminated with the feces.

**BERGIN® MS-forte contains:**

- a unique complex of active ingredients consisting of specific components of the yeast cell wall (glucomannans)
- functional carbohydrates from the algae strain *Chlorella vulgaris*
- an effective dose of natural antioxidants (propyl gallate, tocopherols, citric acid)
- potassium sorbate as a highly effective preservative acid

**Advantages:**

- high mycotoxin binding capacity
- wide range of effect
- lower usage rate per ton of feed (0.5 - 2.0 kg)
- very fast effect (<10 min.)
- no binding of vitamins and trace elements
- acts at different pH values
- supports the defenses of mycotoxin - stress

**Recommendations for use:** dairy cows 10 - 20 g per animal and day  
calves 1 - 2 kg pro ton of feed  
fattening cattle 10 - 20 g per animal and day



# Pest control



## BERGO® SicoCare

item no. 0741

### Trading unit:

Bucket 1.5 kg, Bag 10 kg

The animal and environmentally friendly pesticide against creeping and crawling insects in grain storages and stables.

- against grain pests in stock
- against red mite in laying hen houses
- against grain mold beetles in poultry houses
- against cockroaches in pig stables

Pest insects which got in contact with **BERGO® SicoCare** (by direct contact during application or later traversing), initially show a disturbed ingesting and oviposition behavior. Due to the moisture absorbing effect the body of the insects dries and they die within a few days. **BERGO® SicoCare** is made of 100 % amorphous (i.e. crystalline free) silica. Thus, it is not harmful to humans and animals.

### Recommendations for use:

Switch off ventilation during application.

#### Feed stock

Fine spreading of 10 - 30 g **BERGO® SicoCare** per m<sup>2</sup> in the clean and dry feed stock (use **BERGO® Zerstäuber-Set K** with a pressure of 2 - 5 bar). Cover the ground with a layer of 1 - 2 mm. Cover also walls, cavities, roof beams etc!

#### Combating red bird mite in laying hen stables

Muck out, clean and dry stables before application. For initial treatment repeat application weekly for 6 - 8 times. After that repeat application in an interval of 4 - 6 weeks.

#### Free run / aviary

Uniform distribution of 10 kg **BERGO® SicoCare** per 10.000 hens (10 - 20 g per 10 hens) or spreading with the **BERGO® Zerstäuber-Set K** with a pressure of 2 - 5 bar (particularly laying nests).

#### Combating cockroaches, fleas, ants etc. in stables

Cover the ground with an uniform layer of 1 - 2 mm of **BERGO® SicoCare**. Cover also walls, cavities, chinks etc.

Use biocides safely. Always read markings and product information before use!

**BERGO® Handzerstäuber**

item no. 0739

**Amount:****1 Piece**

For **BERGO® SicoCare** for easy dusting of laying nests and small stables.

**BERGO® Zerstäuber-Set K**

item no. 0738

**Amount:****1 Piece**

For **BERGO® SicoCare**. Consists of a blowing and suction gun, 1 m pipe and different nozzle attachments to dust large areas or small cavities. Is connected to the compressor. Easy handling!

**BERGO® Madenkiller Plus**

item no. 6061

**Trading unit:****Bucket 500 g / 3 kg**

Insecticide against fly maggots, rat tailed maggot and grain mold beetles. Inhibits the development of larvae to mature insects in pig, cattle, poultry, sheep and horse stables.

The life cycle of the insects is interrupted, so that the continuous replenishment of flies does not occur. Suitable for all stable and manure storage systems (liquid, solid and dry manure).

An active ingredient combination of 3 substances, for even more success against fly maggots. The active ingredient combination also inhibits the development of mud fly larvae (rat tail maggot) and of larvae of the grain mold beetle. The application takes place directly on manure, bedding or liquid manure surfaces. Slatted floors are treated superficially, so that the agent can flow in the slurry channels.



Use biocides safely. Always read markings and product information before use!

# Fly control



## BERGO® Fly EC

item no. 0715

Trading unit:

Bottle 250 ml

The water-dilutable emulsion concentrate with immediate and long-term action to combat flies, cockroaches and fleas. Alternative pest control with natural and reproductive agents (pyriproxyfen, pyrethrine, piperonyl butoxide).

Use biocides safely. Always read markings and product information before use!



## BERGOPHOR® Fliegen-Stop (fly stop)

item no. 0722

Trading unit:

Bottle 500 ml

Effective against flies, stable flies, mosquitoes, black flies, horse fly and house mosquitoes. Involves also cockroaches, ants, mites, crickets and silverfish. Immediate and long-term effect for 4 - 6 weeks. Contains the drug combination of etofenprox and cypermethrin.

Solvent-free concentrate – sort of odorless in the application.

Use biocides safely. Always read markings and product information before use!



## BERGO® SuperFly

item no. 0721

Trading unit:

Canister 2.5 l

An application-ready insect spray with biological active component. The use of the active ingredients piperonylbutoxid and pyrethrine has long been known. Fast immediate effect and long-term effect up to several weeks. Universally applicable.

Use biocides safely. Always read markings and product information before use!



## BERGO® Fly Pumpspray

item no. 0730

Trading unit:

Bottle 1 l (incl. pump)

A ready-to-spray, solvent-free insecticide with high immediate effect for use in the home, in smaller stables or the like. Works against flies, mosquitoes, ants, silverfish etc.

It can be used for direct control and room treatment. For application, a hand spray pump is screwed onto the bottle.

Active ingredients: Geraniol, Permethrin

Use biocides safely. Always read markings and product information before use!



**BERGOPHOR® Fliegenex (fly ex)**

item no. 0830

**Trading unit:****Can 400 g**

A granule for fly control in pig, cattle, poultry, sheep and horse stables. Attracts flies and kills them immediately. **BERGOPHOR® Fliegenex** is suitable as scatter bait, painting agent or spray.

**Scatter bait**

The granule is placed on flat dishes (e.g. bucket lid). For better efficiency, it may be moistened with a little bit of sugared water or milk.

**Spraying agent with backpack sprayer**

Mix the granule with water and spray it on the flies preferred locations.

**Painting agent**

Dissolve **BERGOPHOR® Fliegenex** in lukewarm sugared water. Paint this mixture on the flies preferred locations or attach painted panels or paper sacks on this places.

Active ingredients: Azamethiphos



Use biocides safely. Always read markings and product information before use!

**BERGOPHOR® Fliegenrolle (fly reel)**

item no. 0818

**Amount:****1 Piece (length = 10 m)**

The non-toxic special glue roll for environmentally friendly fly control in pig, cattle, poultry, sheep and horse stables. The **BERGOPHOR® Fliegenrolle** is equipped with special pheromone attractant. Together with the fly-friendly printing of the roll, an effective and powerful attraction is achieved. The attachment is vertical or horizontal. Easy installation with supplied bracket.



According to regulation (EC) 2018/848 and annex I of regulation (EC) 2021/1165, the use of traps with pheromones for pest control in the organic production is permitted.



# Fly control



## FlyGold ULTRA

item no. 6005

### Trading unit:

Can 350 g, Bucket 2 kg

The lure granulate against stable & house flies. The initial treatment should take place at the beginning of the fly season, in order to prevent mass propagation. **FlyGold ULTRA** can be used as scatter bait or as painting agent against houseflies (*Musca domestica*) and fruit flies (*Drosophila* spp.). Active ingredient: Imidacloprid.

### Scatter bait

Place vessels with **FlyGold ULTRA** granule in places where flies prefer to stay (e.g. grates, posts, window benches, etc.). Moisten **FlyGold ULTRA** granules. Draughty and dusty places are not suitable! Post-treatment after 4 to 8 weeks.

### Painting agent

Dissolve **FlyGold ULTRA** in luke-warm water and apply many small brush strokes to the flies preferred locations. Weekly spraying with water "refreshes" the brushstrokes and preserves their effectiveness.

Use biocides safely. Always read markings and product information before use!



## terrasan® Home Fliegen-Fensterstreifen

item no. 0599

### Amount:

1 Pack (2 panels = 6 stripes)

The odorless, transparent flytrap for all window frames inside apartments. Flies are killed quickly by intake of the bait mass and don't stick to the stripes. The window strip is fixed at the lower window frame and can be removed without trace. Not designated for moist rooms.

Use biocides safely. Always read markings and product information before use!



## BERGOPHOR® Fliegenfalle

item no. 0840

### Amount:

1 Pack (6 traps)

The non-toxic fly trap for environmentally friendly fly control in pigs, cattle, poultry, sheep and horse stables. The 80 cm long and 35 cm high trap with particularly durable special glue is sufficient for 5.500 flies. Do not hang fly traps in draught! 6 traps for approx. 180 m<sup>2</sup> of floor space.



The non-toxic **BERGOPHOR® Fliegenfalle** may be used in organic production.

# Rat control

## BERGO® Rattentod (rats death)

item no. 0833

Trading unit:

Bucket 3 kg (15 bags á 200 g)

A ready-to-use bait for rats and mice control. The bait contains high quality plant based raw materials, such as oatmeal and wheat, which are adapted to the feeding behavior of rodents. The high attractiveness of the bait ensures the successful rat control. The active ingredient Difenacoum inhibits blood clotting. This causing internal bleeding in which rats and mice die from a fatal condition within 4 to 10 days after ingestion of the bait. The conspecifics are not warned by the normal looking death and eat **BERGO® Rattentod** until the entire infestation is eradicated. A 1 - 2 times intake of the bait is enough to secure killing. Ready to use and always fresh by practical portion packaging.

Active ingredient: Difenacoum

Use biocides safely. Always read markings and product information before use!



## Rodilon® Paste

item no. 6013

Trading unit:

Bucket 3 kg (300 baits á 10 g)

A paste bait for rats and mice control. A single intake is sufficient for a safe effect (death occurs delayed after about 3 - 5 days). There are no known resistances. Each bait bar is individually packaged and laid out with the paper wrapper. On the bait are traces of feeding activity easily recognizable. The **Rodilon® Paste** is insensitive to moisture and very resistant to spoilage, so it can be attached to a wire in the manure channel in the running area of the rats. A special bitter substance prevents accidental ingestion by children and pets.

Active ingredient: Difethialon

Use biocides safely. Always read markings and product information before use!



# Rat control



## Racumin® Schaum

item no. 6043

Trading unit:

Spray can 0.5 l

A soft, sticky adhesive foam that is ideal for use as an additional measure for rat control with bait. Designed for use in passageways / holes / corridors of rats and mice. The foam adheres to the fur of the animals when passing through (forced application), then it is ingested through fur and paw care.

**Racumin® Schaum** offers an excellent supplementation especially in case of refusal of bait or bait-shy animals. A special bitter substance prevents accidental ingestion by children and pets.

Active ingredient: Coumatetralyl

Use biocides safely. Always read markings and product information before use!



## BERGO® Rattendepotbox (deposit box)

item no. 0834

Amount:

1 Piece

Rat baits must always be covered in accordance with the rules of cross-compliance. The **BERGO® Rattendepotbox** is lockable (protects children and pets) and can be used to lay out bait blocks, pastes and cereal baits.

## Notes

# Equipment



## Tränkeimer (complete)

item no. 0655

**Amount:**

**1 Piece**

Feeding bucket (plastic) seizes 8 liter milk replacer. Completely equipped with valve, sucker and wall holder (without cover).



## Deckel Tränkeimer

item no. 6056

**Amount:**

**1 Piece**

Cover for feeding bucket.



## Wandhalterung

item no. 0630

**Amount:**

**1 Piece**

Wall holder for feeding bucket.



## Eimer-Ventil

item no. 0642

**Amount:**

**1 Piece**

Bucket valve without sucker.



**Kälber-Sauger**

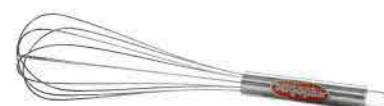
item no. 0656

**Amount:****1 Piece**

Calf sucker without valve. With correct positioning of the cross slit you facilitate sucking for calves. This is particularly important in teaching and it prolongs the life of the teat!

**Schneebeesen (whisk)**

item no. 0887

**Amount:****1 Piece****Applikator BERGIN® Orega Bi-Kaps**

item no. 6057

**Amount:****1 Piece**

To apply **BERGIN® OregaBi-Kaps** (item no. 6055).

**BERGO® Schaumkanone (foam cannon)**

item no. 0709

**Amount:****1 Piece**

Disinfection gun with foam application for easy handling, mobility and for accurate, user-friendly application of surface disinfectants.



# Equipment



## Dosierpumpe (dosing pump)

item no. 0668

Amount:

1 Piece

For 5 l/kg-container and 10 l/kg-container:

closure 51

For 30 l/kg-container and 40l/kg-container:

closure 61



## Auslaufhahn (drain valve)

item no. 0661

Amount:

1 Piece

For 5 l/kg-container and 10 l/kg-container:

closure 51

For 30 l/kg-container and 40l/kg-container:

closure 61



## Schalmtestscheibe

item no. 0640

Amount:

1 Piece



## Spender Euterlotion

item no. 0744

Amount:

1 Piece

Easy removal of the required amounts. No contamination of the content.

For **BERGO® Euterlotion** (item no. 0737).

# Notes

# Udder care



## BERGO® Euterlotion

item no. 0737

Trading unit:

Bottle 0.5 l / 2.5 l

User friendly product for an effective, intense activating udder care. The main components are in addition to moisturising additives the essential oils of rosemary, eucalyptus, cinnamon, anise and menthol. Absorbs quickly, spreads easily and is economical to use. Also order dispenser for 2.5-l-trading unit (item no. 0744)!



## BERGOPHOR® CuraMint

item no. 0720

Trading unit:

Can 0.5 l, Bucket 2.5 l

Contains pure mint oil. Therefore optimally suitable for the effective prevention of udder discomfort and for care of stressed udder.



## BERGOPHOR® Melkcreme (milking cream)

item no. 0725

Trading unit:

Bucket 1 l / 5 l

The unsurpassed care balm, a consistent further development of the proven milking grease. Ultra-fine udder protection and care product with sliding effect. Cold washable. Quickly absorbed. Non-lubricating. An ideal care product for tired hands and skin.



## BERGOPHOR® Eutertücher (wipes)

item no. 0862

Trading unit:

50 Pieces

This reusable cloth provides when used properly the responsibility for problem-udder cleaning even when heavily soiled. The cloths are washable and boil resistant and tear-proof.

Size: 34 x 37 cm.

**BERGO® Eutertücher feucht (wipes moist)**

item no. 0746

**Trading unit:** 1 Piece (roll with dispenser)

Pre-saturated wipes for udder on the 1,000-piece roll in the dispenser bucket for quick and practical udder cleaning. With the ready-made cloths adhering dirt on the teats is effectively removed and germs are reduced. Delivery in refillable and lockable dispensing system with practical cloth sampling point.

**BERGO® Eutertücher feucht (refill pack)**

item no. 0747

**Trading unit:** 1 Piece (roll)

The refill pack contains 1 individually wrapped rolls of 800 towels.

**BERGOPHOR® Milchfilterschläuche (milk filter tube)****Trading unit:** 250 Pieces

High pressure-resistant dry nonwoven fabric with heat sealed seams. Good mechanical strength even at high pressure

Available lengths:

250 mm	item no. <b>0858</b>	320 mm	item no. <b>0859</b>
455 mm	item no. <b>0860</b>	500 mm	item no. <b>0864</b>
530 mm	item no. <b>0863</b>	620 mm	item no. <b>0861</b>



# Udder hygiene

## Disinfectant for teats



### BERGO® PflegeDip

item no. 0615

Trading unit:

Canister 21 kg

Disinfectant barrier dipping agent iodine based on 2700 ppm iodine. Provides comprehensive protection against germs and pathogens. Includes care components that protect the teat skin from drying out. Forms a solid film that also protects between milkings from harmful environmental influences.

QAV-free.

Use biocides safely. Always read markings and product information before use!



According to regulation (EC) 2018/848 and annex IV of regulation (EC) 2021/1165, the use of „disinfectant for teats“ in the organic production is permitted.



### BERGO® SprühDip

item no. 0609

Trading unit:

Canister 21 kg

Sprayable iodine based dipping agent with 2700 ppm iodine. Prevents the establishment of pathogens and prevents the spread of germs. Contains skin nourishing components to protect the teat skin. Especially good sprayable and thus also for use in automatic milking systems (milking robots) suitable.

QAV-free.

Use biocides safely. Always read markings and product information before use!



According to regulation (EC) 2018/848 and annex IV of regulation (EC) 2021/1165, the use of „disinfectant for teats“ in the organic production is permitted.



**BERGO® CuraDip extra 2.0**

item no. 6202

**Trading unit:****Canister 22 kg**

Iodine-free, film-forming and disinfecting dip (according to EN 1656) with very good efficacy against *Streptococcus uberis*, *Escherichia coli* and *Staphylococcus aureus*. The high content of care substances (glycerin, allantoin, aloe vera) protects the stressed teat skin and keeps it soft and supple. A supple protective film is formed, which is easily visible on the udder skin and does not drip off. Very well suited for use under difficult housing conditions.

QAV-free.

Use biocides safely. Always read markings and product information before use!



According to regulation (EC) 2018/848 and annex IV of regulation (EC) 2021/1165, the use of „disinfectant for teats“ in the organic production is permitted.

**BERGO® CuraDip Spray**

item no. 6203

**Trading unit:****Canister 22 kg**

Highly effective, iodine-free and sprayable udder care product and disinfectant (according to EN 1656) with very good efficacy against *Streptococcus uberis*, *Escherichia coli* and *Staphylococcus aureus*. The high content of care substances (glycerin, allantoin) protects the stressed teat skin and keeps it soft and supple. It combines immediate & long-term effect, can be dipped (also as a foam dip) as well as sprayed and is very suitable for use in the milking robot.

QAV-free.

Use biocides safely. Always read markings and product information before use!



According to regulation (EC) 2018/848 and annex IV of regulation (EC) 2021/1165, the use of „disinfectant for teats“ in the organic production is permitted.



# Milking hygiene & concentrates



## BERGOPHOR® Melkmaschinenreiniger AF

item no. 0612

**Trading unit:**

**Canister 25 kg**

Alkaline, liquid cleaner for milking machines for chemical decomposition of milk residues (fat, protein). With highly effective active chlorine for fast and thorough disinfection.

DLG- proved. QAV-free.

Use biocides safely. Always read markings and product information before use!



## BERGOPHOR® Grundreiniger SF

item no. 0625

**Trading unit:**

**Canister 25 kg**

Acidic liquid cleaner for milking machines for removing milk stone, lime and other mineral deposits, very low pH.

DLG- proved. QAV-free.



## BERGOFRESH Liquid

item no. 0714

**Trading unit:**

**Bottle 1 l**

Liquid supplementary feed for pigs, cattle, poultry, horses and sheeps. A Combination of selected essential oils (menthol, eucalyptus, thyme and anise) encourage the appetite, has a positive effect on the airways and improves the body defenses. Is present in water-soluble form and is applied in drinking water or feed.



## BERGOFRESH

item no. 0723

**Trading unit:**

**Bottle 0.5 l (with pump), Canister 3 l (without pump)**

For air quality improvement in stables. The selected natural ingredients (essential oils) facilitate the animals breathing, especially in cold, wet weather (cough and flu weather).

# Skin care & cleaning

## BERGO® Blau-Spray

item no. 6201

Trading unit:

Spray bottle 200 ml

An intense blue coloring spray for the protection and care of sensitive skin areas, hooves and claws. Protects and cares for heavily stressed and sensitive skin areas such as in the ankle bend, between the claw areas or lying lesions. The skin's ability to retain moisture is increased, and the skin's suppleness and elasticity are restored.



## BERGOPHOR® Handwaschpaste (hand cleaner)

item no. 0728

Trading unit:

Can 1 l, Bucket 5 l

Dermatologically tested hand cleanser. It is extremely skin-friendly, slightly acidic and alkali-free. Preserves the protective acid mantle of the skin, cleans thoroughly, but is still economical in consumption. Without sand = no clogged pipes!



## BERGOPHOR® Universalseife (universal soap)

item no. 0813

Trading unit:

Tube 250 ml, Bucket 5 kg / 10 kg

The neutral delicate fabric washing, rinsing and cleaning soap, economical and powerful cleaning, gentle on materials, is mild for hands. Free of phosphates!



## BERGOPHOR® Wasch-Aktiv

item no. 0601

Trading unit:

Bag 20 kg

The duty detergent in premium quality for delicate fabrics, colored fabrics and laundry that needs to be boiled (30 - 95 °C). Protects the fibers and ensures sparkling cleanliness and pleasant smell.



# Stable hygiene

**BERGO CuraDes plus®**

item no. 6006

Trading unit:

Bag 25 kg, BigBag 400 kg / 1,000 kg

## **Hygiene for dispersion – natrually livestock-friendly**

- increases the pH value and reduces up to 99 % of the germs when used permanently – walking and lying areas, as well as litter, dry quickly
- it removes the optimal reproduction conditions for flies and other pests, reduces the amount of flies and reduces ammonia emissions
- it can also be used as a dry hoof bath as it dries hoofs down into the core and hardens the horn - the healing process for hoof diseases can be supported
- listed in the list of resources for organic farming in Germany and in the InfoXgen catalog of resources for organic agriculture in Austria
- is a biocidal agent and serves as a spreadable powder for the hygienic improvement in the veterinary field (HG1-PA3),

BAuA Reg.-No.: N-38286

*Very skin-friendly due to a pug-zinc-complex and permanently applicable – dermatologically tested:*

**BERGO CuraDes plus®** was tested on human skin compatibility by **dermatest® GmbH** in Münster. There were no indications for skin-intolerance.

**BERGO CuraDes plus®** was tested on skin compatibility by Animal Health Service Bavaria. After daily application for 4 weeks there were no changes and intolerances were observed at the skin of udder and teat from cows.

**BERGO CuraDes plus®** was tested on skin compatibility by Swine Health Service Lower Saxony. No changes in skin or skin-intolerances of sows and piglets were observed.

Use biocides safely. Always read markings and product information before use!



**BERGO CuraDes basic®**

item no. 6009

**Trading unit:****Bulk 9 t / 16 t / 25 t**

**BERGO CuraDes basic®** is a alkaline litter powder, consisting of different minerals to produce a **BERGO CuraDes basic®** comfort mattress for bedded areas.

The **BERGO CuraDes basic®** cow comfort mattress is produced in the feed mixer. 250 kg straw mixed with approx. 400 kg **BERGO CuraDes basic®**. Thereafter, the addition of 250 to 300 liters of water.

This mixture gonna be spread in the deep lying box (approx. 15 to 25 cm high).

Thanks to its special properties, **BERGO CuraDes basic®** adheres particularly strongly to the straw and does not segregate from the straw even after a long time. The **BERGO CuraDes basic®** cow comfort mattress remains elastic and stable without hardening.

It forms a cow-friendly, comfortable and joint-gentle lying surface for the best possible recovery of the cow in the rumination and resting phase.

The alkaline nature of **BERGO CuraDes basic®** reduces the germ content in the litter and improves the hygiene status in the lying area.

The **BERGO CuraDes basic®** cow comfort mattress can be inserted into any existing deep lying box and then maintained like a high lying box. In addition, the cow comfort mattress in the lying area of the udder is kept practically germ-free by the additional daily use of **BERGO CuraDes basic®**. Due to its high concentration of active ingredient, it maintains the alkalinity in the mattress for a much longer period of time than comparable products.

**BERGO® CuraMol**

item no. 0632

**Trading unit:****Bag 25 kg**

Natural stable hygiene product for animal husbandry. Improves walking properties and dries the walking and lying areas quickly and secure. The contained essential oils improve the air in the stable.

**Recommendations for use:**

Scatter 1 - 2 times a week 50 - 100 g per m<sup>2</sup>, until the area is dry (also for deep litter). Can be used in occupied stables. Harmless for human and animal.



# Disinfectants



## BERGO® OxyDes

item no. 6050

**Trading unit:**

**Canister 24 kg**

For disinfection of stables and surfaces in animal husbandry, based on peracetic acid in combination with hydrogen peroxide and acetic acid. Effective against non-enveloped and enveloped viruses, fungi, spores and bacteria. Fast and reliable effect, even by lower temperatures.

### Recommendations for use:

#### *Disinfection of areas, livestock facilities and materials*

Thoroughly clean the surfaces to be treated before disinfecting and allow to dry. Apply 1 % solution (10 g/l water) of 0.4 l/m<sup>2</sup> to the treatment area. Exposure time: 1 hour

Use biocides safely. Always read markings and product information before use!



## BERCODES komplett

item no. 0624

**Trading unit:**

**Canister 5 kg**

Special surface disinfectant with wide range of effect for the control of excreted endoparasites in stables. Effective against worm eggs, coccidian oocysts, cryptosporidia and tuberculosis

### Recommendations for use:

#### *Application concentration against*

#### *Application rate*

Helminth eggs	2 % - 2 h	0.4 l use solution per m <sup>2</sup> . Before disinfection thorough cleaning and drying of the area.
Coccidia	4 % - 2 h	
TB	6 % - 2 h	
Cryptosporidia	4 % - 2 h	
Protozoa	4 % - 2 h	
Bacteria	2 % - 2 h	
Coated viruses	2 % - 2 h	

Use biocides safely. Always read markings and product information before use!



## Notes

# Silage additives

## Biological silage additives



### BERGO® Lactosil Duo

item no. 0850

Trading unit:

1 Package = 5 x 50 g Bag

Instant preparation for liquid application for field and meadow grass, alfalfa, GPS. Combination product of homo- and heterofermentative lactic acid bacteria, for faster lactic acid fermentation and reduction of fermentation and mold growth in grass silages.

**Improved reliability:** The efficiency and environmental stability of lactic acid bacteria is improved by the formation of ECPS.

- helps the MSB to grow faster  
→ faster lactic acid formation and pH reduction
- supports the MSB in efficient fermentation
- makes MSB more robust, which leads to better fermentation, silage quality and higher feed intake



According to EU Organic Regulation (EC) 2018/848 and Annex III of Implementing Regulation (EC) 2021/1165, the use of „microorganisms“ of the functional group 1k as silage additive in organic production is permitted.



### BERGO® Lactosil Fresh

item no. 0734

Trading unit:

1 Package = 5 x 100 g Bag

Instant preparation for liquid application for corn silage and CCM. The acetic acid formed by *Lactobacillus buchneri* maintains the low pH of the silage under the influence of air and reduces the risk of re-heating, and the growth of yeasts and molds is sustainably suppressed. Improves the aerobic stability of the silages.

DLG quality mark: category 2



According to EU Organic Regulation (EC) 2018/848 and Annex III of Implementing Regulation (EC) 2021/1165, the use of „microorganisms“ of the functional group 1k as silage additive in organic production is permitted.

## Chemical silage additives

### BERGO® SiloPlus

item no. 0650

**Trading unit:** Canister 27.5 kg, Barrel 265 kg, Container 1,230 kg

Chemical, liquid, to avoid noxious fermentation.

DLG quality mark: category 1a, 1b, 4a, 5

Application rate: 2 - 3 l/t forage



### BERGO® Silostabil

item no. 0604

**Trading unit:** Canister 27.5 kg, Barrel 240 kg, Container 1,130 kg

Chemical, liquid, to avoid secondary fermentation, growth of mould and spoilage.

DLG quality mark: category 2

Application rate: 3 - 5 l/t forage



### BERGO® Silostabil G

item no. 0628

**Trading unit:** Bag 25 kg

Chemical, granulated, to avoid secondary fermentation, growth of mould and spoilage.

Application rate: 2.5 - 3 kg/t forage



# Feed preservation



## BERGO® Stabilo Acid G

item no. 6070

Trading unit:

Bag 25 kg

A special supplementary feed for cattle, pigs and poultry based on propionic acid. Possesses a strong inhibiting effect against yeasts and molds, because of this it is very well suited for suppression of microbial spoilage in mixed feeds. It's also improves the palatability, has an appetizing effect and improves the feed intake.

**Recommendations for use:** mixed feed 3.0 - 5.0 kg per tonne



## BERGO® TMR stabil-OLB

item no. 6245

Trading unit:

Canister 27.5 kg, Barrel 255 kg, Container 1,200 kg

A liquid supplementary feed for cattle, pigs and poultry to improve the aerobic stability of total mixed rations in cattle, as well as liquid feed for pigs and poultry. The hygiene status in the feed preparation is maintained and the growth of yeasts and molds is thus suppressed. The feed acids have a positive effect on the digestive tract and provide additional energy.

<b>Einmischrate:</b>	cattle	1.0 - 4.0 l/t complete feed
	pigs	1.0 - 8.0 l/t complete feed
	poultry	1.0 - 4.0 l/t complete feed

**Please mind:**

Uniform wetting must be ensured so that an optimal effect can be expected. For proper distribution on the feed/TMR, we recommend diluting **BERGO® TMR stabil-OLB** with water at a ratio of 1:1.



**BERGO® TMR stabil-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EC) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060.

**BERGO® Acid liquid**

item no. 6012

Trading unit:

Container 1,000 kg

Liquid preservative (corrosion reduced) with an active ingredient combination of propionic acid, sodium benzoate and sodium propionate for preserving moist cereals and grain maize.

**Recommendations for use:****Preservation of wet grain depending on the moisture content:**

moisture content up to	14	16	18	20	22	24	(%)
duration of storage to 3 months	3	4.5	5	6	7	8	l/t
duration of storage 3 - 6 months	3.5	5	6	7	8	9	l/t
duration of storage 6 - 12 months	4	5.5	7	8	9	10	l/t

**Preservation of grain maize depending on the moisture content:**

moisture content up to	35	35 - 40	40 - 45	(%)
	20	22	24	l/t

**BERGO® Acid-OLB**

item no. 0968

Trading unit:

Bag 25 kg

A micro-granule for easy preservation of mixed feeds and cereals. Protects dry food before microbial induced ingredients losses. Reliable inhibits bacteria, viruses, fungi and yeast growth in freshly harvested cereals or corn.

**Recommendations for use:****Preservation of cereals depending on the highest moisture content:**

moisture content up to	16	18	20*	(%)
duration of storage 3 - 6 months	4	7	10	kg/t
duration of storage 6 - 12 months	5	8	11	kg/t

\*upper limit range of **BERGO® Acid-OLB**-preservation, do not exceed 20 %!

**Preservation of mixed feed:**

3.0 - 5.0 kg per tonne



**BERGO® Acid-OLB** is suitable for ecologic production of agricultural products of animal origin according to EU Eco Regulation (EU) No. 2018/848 and 2021/1165. Certified by QAL GmbH DE-ÖKO-060. All components contained in this product are permitted according to the Bioland guidelines.



# Feed preservation



## BERGO® Acid Plus 2.0

item no. 6196

**Trading unit:** Canister 27.5 kg, Barrel 245 kg, Container 1,000 kg

A liquid preservative (corrosion-reduced) with the active ingredients propionic acid, formic acid, sodium benzoate and sodium formate for the stabilization of total mixed rations (TMR) for cattle. Prevents mold, bacteria and spoilage in the TMR

### *pH 5.25 - 5.5*

- gentler on the material than pure propionic acid
- less dangerous to handle than pure propionic acid

### *propionic acid*

- partly outgassing in the feed mixture, this leads to a continuous treatment of the mixture components

### *sodium benzoate and sodium formate*

- have a strong anti-mould effect
- adhere permanently to the mixture component and maintain the preservation protection

### *formic acid*

- improves the effect against yeasts and moulds

## Recommendations for use:

stabilization of TMR

1.0 - 3.0 kg per ton

### *Please mind:*

**BERGO® Acid Plus 2.0** is a ready-to-use solution and must not be diluted with water. Only works optimally if the mixture components are evenly wetted - therefore add **BERGO® Acid Plus 2.0** at the beginning of the mixing process after filling in the first mixture components.



# Product register

Product name	Page	Product name	Page	Product name	Page
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KULMIN® BL-OLB	65	KULMIN® Lacto HL 50	56	BERGO® SprühDip	90
KULMIN® BL-OLB-K	66	BERGO® Lactosil Duo	98	BERGO® Stabilo Acid G	100
KULMIN® BL-OLB-ZG	67	BERGO® Lactosil Fresh	98	BERGOVIT Super	72
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KULMIN® Bullenprofi	60	BERGIN® LEINEX Plus	52	KULMIN® TMR-RS Pro HL	45
KULMIN® CA-ProVit HL	39	BERGIN® LEINEX Plus-OLB	69	KULMIN® TMR-RS Vital HL	44
KULMIN® CA-Vital	35	KULMIN® LE-Vital	36	BERGO® TMR stabil-OLB	100
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KULMIN® FG-Vital	36	BERGO® PflegeDip	90		
KULMIN® FG-Vital HL	37	KULMIN® Phos	54		
BERGOPHOR® Fliegenex	79	KULMIN® Phos Vital HL	54		
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BERGOPHOR® Fliegenrolle	79	BERGOVIT Prokondi	73		
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BERGO® Fly Pumpspray	78	KULMIN® ProLac Amin M	52		
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KULMIN® GlukoMix	58	BERGIN® Provilac Acid-OLB	70		
KULMIN® GM-RS Vital	44	BERGIN® Provilac Protect	29		
KULMIN® GM-Vital	35	BERGIN® Provilac S	29		
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BERGO® Handzerstäuber	77	BERGO® Rattentod	81		
terrasan® Home Fliegen-Fensterstreifen	80	KULMIN® RM-Plus	60		
BERGIN® Kälberbon	33	KULMIN® RobiTop	34		
BERGIN® Kälberfit	20	KULMIN® Rumi-CA-ProVit HL	46		
BERGIN® Kälberflocken	30	KULMIN® Rumi-ProVit HL	46		



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