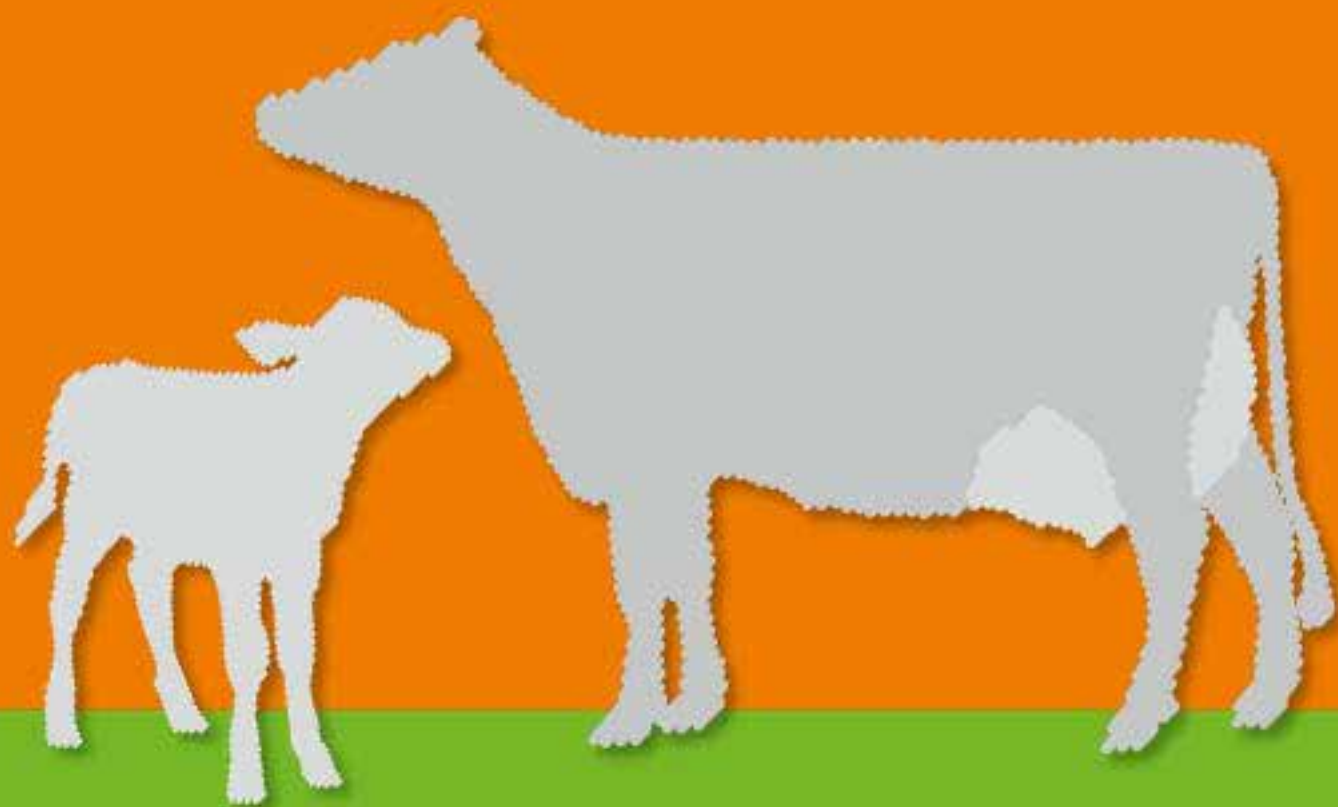


Product range

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 10/2024

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QUALITY CERTIFICATES



pastus⁺
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.



Livestock-friendly concepts.

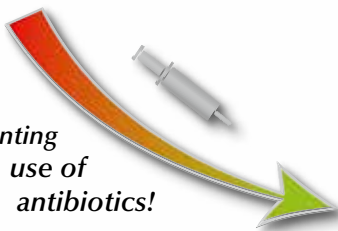
Healthy growth.

Ecological responsibility.

Economic success.

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.

**Preventing
use of
antibiotics!**



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.

BERGOPHOR®

security components



The purposeful harmonized and individually selected **BERGOPHOR®** Security components (S. 6 - 9), 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 cattles available.

The enterprise **BERGOPHOR®** offers essential parts for successful 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



*A prebiotic obtained as a natural fermentation product of *Aspergillus oryzae*.*

Digest forte

Benefits for dairy cows:

- increase in fungal and bacterial growth in the rumen
- stabilization of the rumen pH value
- increase in NDF and protein digestion
- improved microbial protein synthesis in the rumen
- increase in the formation of volatile fatty acids in the rumen
- increase in nutrient absorption
- increase in dry matter intake
- higher milk yield



*A rumen-optimized live yeast (*Saccharomyces cerevisiae* CNCM I-1077 (4b1711)) with high dosage of oxidation protection.*

Live yeast

- ruminant-specific live yeast with optimized effectiveness in the rumen
- strong encapsulation through a dead yeast protective layer for very high stability in mineral feed
- increase in NDF digestibility and improvement in feed efficiency
- stabilization of the rumen pH value and thus a reduced risk of acidosis
- increase in the amount of fiber-degrading bacteria and fungi in the rumen
- less body weight loss in the first 30 days of lactation*

*Source: Summary of various commercial trials with *S. cerevisiae* CNCM I-1077 in dairy cows around calving on milk production and body weight loss (Bach A., IRTA, Spain, 2012; Schwarz. F.J. and Ehle T., University of Weihenstephan, Germany 2002; Temim S., Veterinary School of Algiers, Algeria 2009)



Vitamins in rumen-protected form are only broken down to a small extent in the rumen.

Vitamin-Complex A-D₃-E

The new concept of the fat-soluble vitamins A, D₃ and E in a rumen-available and rumen-protected form guarantees an optimal supply of the rumen flora and, through rumen protection, a direct supply of the vitamins in the small intestine and thus a significantly higher effectiveness of the sensitive vitamins in the metabolism.

The supply recommendations for vitamin D₃ have been increased by the GfE. This makes a lot of sense in terms of the effect on immunity and fertility.

BERGOPHOR®

security components



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

Natural polyphenols

- reduce the formation of free radicals in the metabolism and therefore also have anti-inflammatory properties
- reduce the metabolic load in stressful phases

BERGOPHOR® Zellschutz Milchvieh (cell protection dairy cow)



A special combination of natural polyphenols from various plant extracts. The active ingredients in the **BERGOPHOR® cell protection dairy cow** are protected against degradation in the rumen by a special fat coating. They are available for metabolism directly in the small intestine.



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.



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 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

BERGOPHOR[®]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[®] has developed the BERGOPHOR[®]MSS for prevention of diarrheal diseases and for optimizing and stabilization of a healthy intestinal flora.

The BERGOPHOR[®]MSS aims on healthy animal and performance-linked rearing and best possible prevention of antibiotic usage.

With the BERGOPHOR[®]MSS BERGOPHOR[®] 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[®]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.

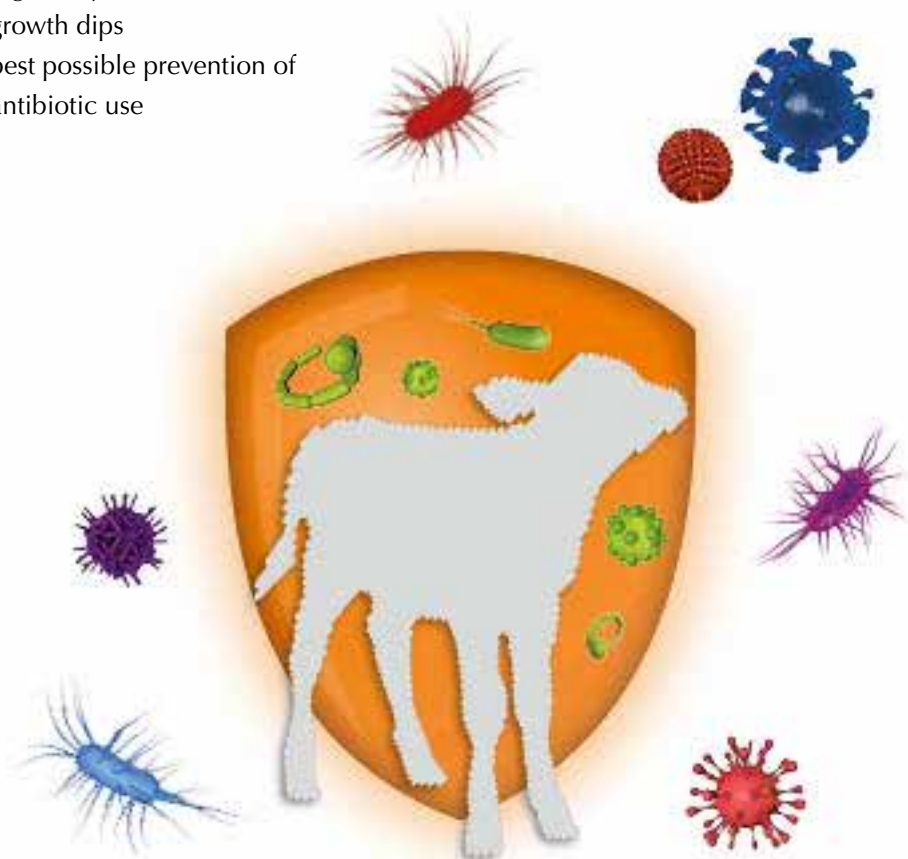
The BERGOPHOR[®]MSS for calves, according to our credo "Maximal safety for rearing", aims at

- 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[®]MSS⁺

The BERGOPHOR[®]MSS⁺ contains all components of BERGOPHOR[®]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.

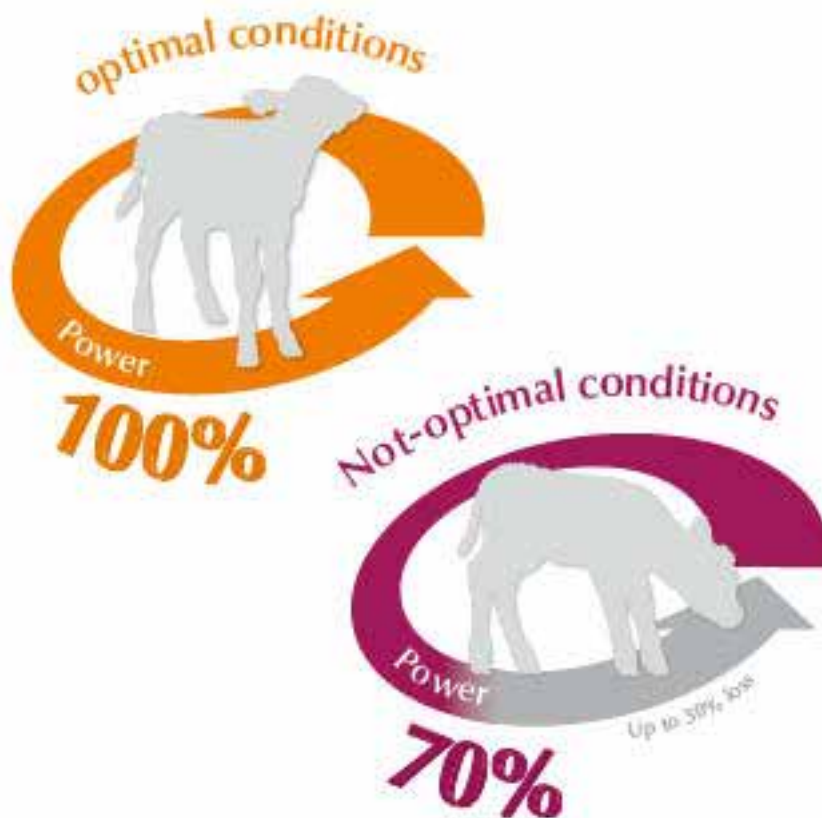
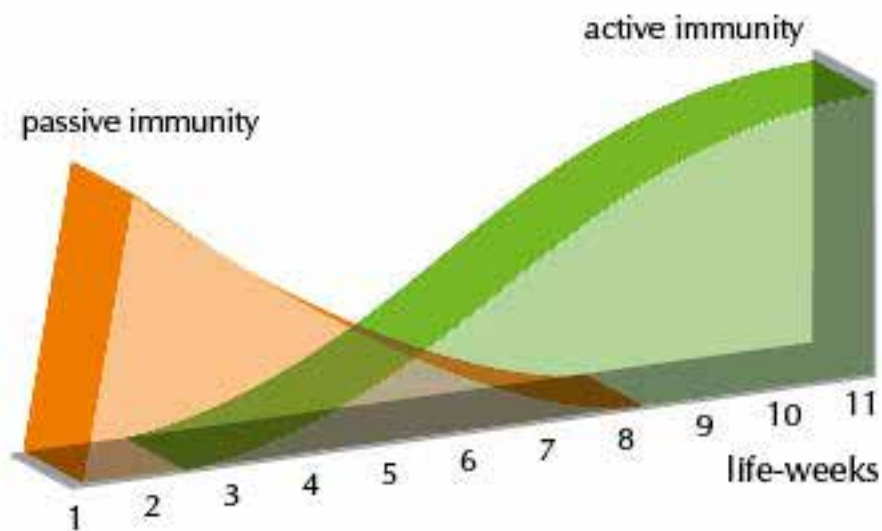
Only healthy calves will have a career

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 **BERGOPHORMSS** 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[®]MSS

and its ingredients*

Antibodies

- antibody rich egg-powder

high quality & digestible ingredients

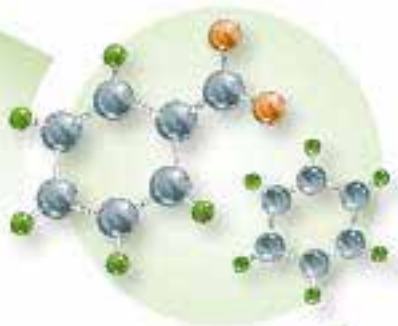
- ideal amino acid supplementation (lysine, methionine, threonine and tryptophan)
- non-GMO soy
- high pressure / high temperature treated linseed
- high pressure / high temperature treated cereals
- linseed extrudate
- baby milk powder
- well tolerated, vegetable fats

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**_{HYL} (only in **BERGOPHORMSS⁺**)



Polyphenols



cell protection complex

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

Antibodies in the **BERGOPHOR**MSS

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® Biestmilchtest**.

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!

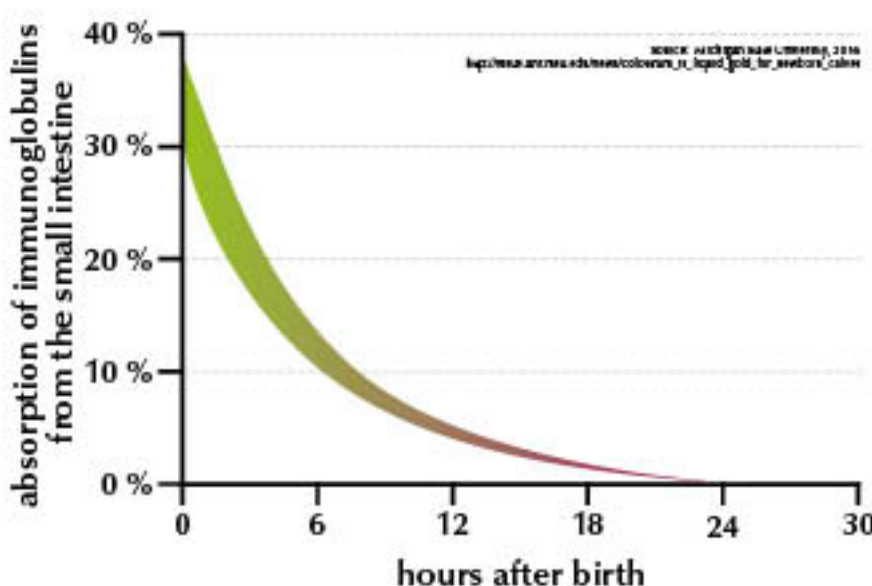
The immunoglobulins in **BERGOPHOR**MSS are derived from specific immunoglobulin-rich egg powder or colostrum and broaden the antibody spectrum.

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

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

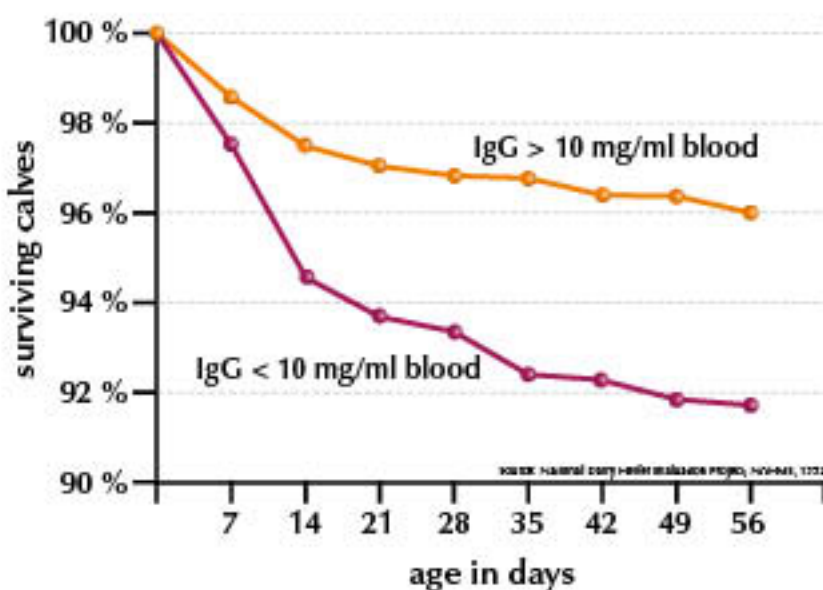


For optimization of colostrum management, **BERGOPHOR®** with **BERGIN® Kälberfit**, **BERGIN® Globulac K** and **BERGIN® Secural** developed very synergistic products with immunoglobulins

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

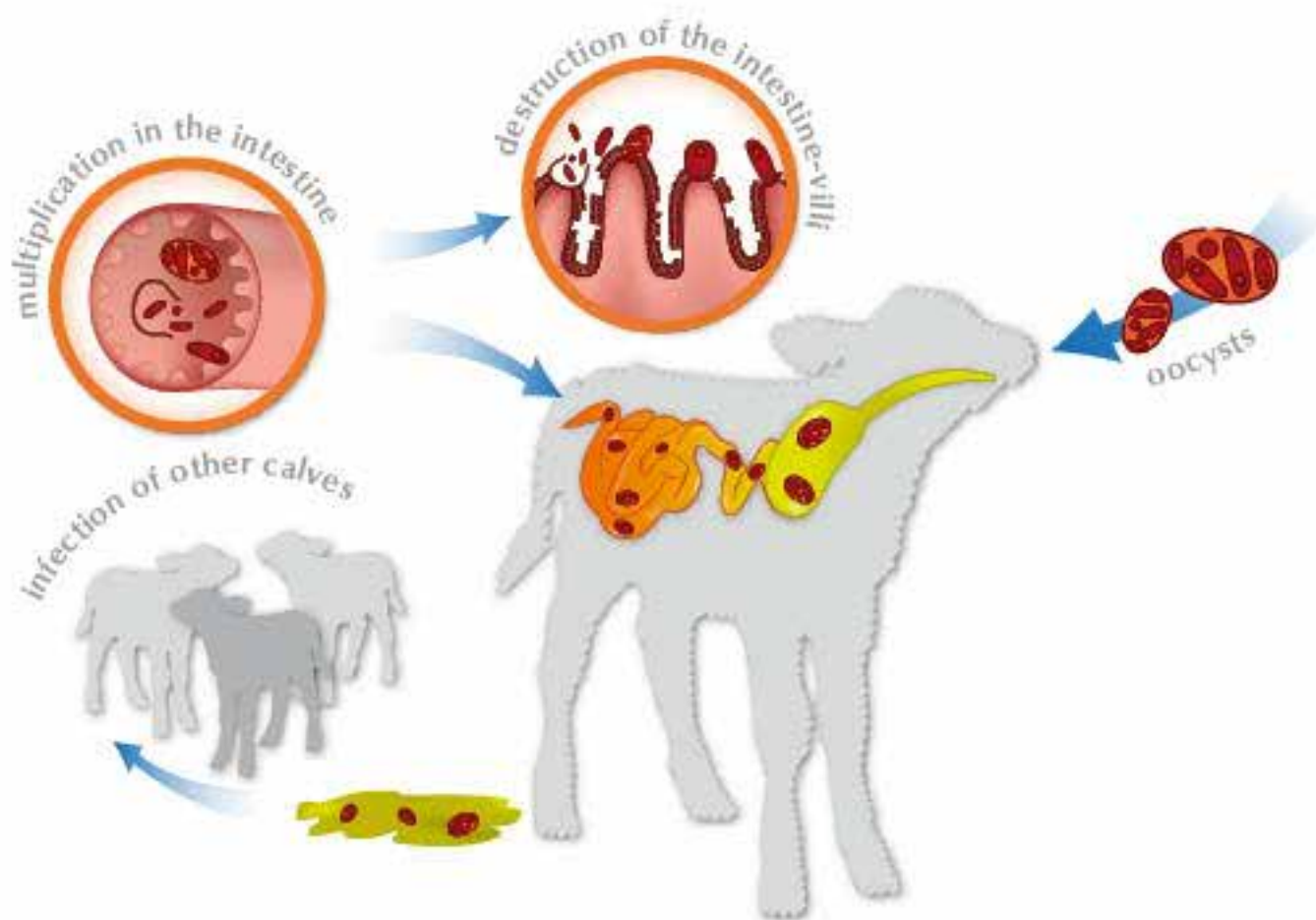
- increases the passive immunity, decreases mortality rate
- broadens the spectrum of antibodies against the most common pathogens
- fighting pathogens in the intestine
- reducing the severity and duration of diarrhea
- providing healthy growth and stable youth development (better feed conversion)

Effect of immunoglobulins on diarrhea frequency and death rates of calves

	control group	experimental group
number of calves	400	400
calves suffering from diarrhea	198	88
mortality	10	0
animal loss	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 BERGOPHORMSS



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.

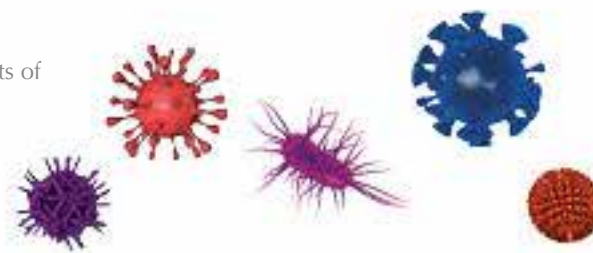
Due to the developmental cycle of cryptosporidia, intestinal cells are damaged and diarrhea arises (see illustration).

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.

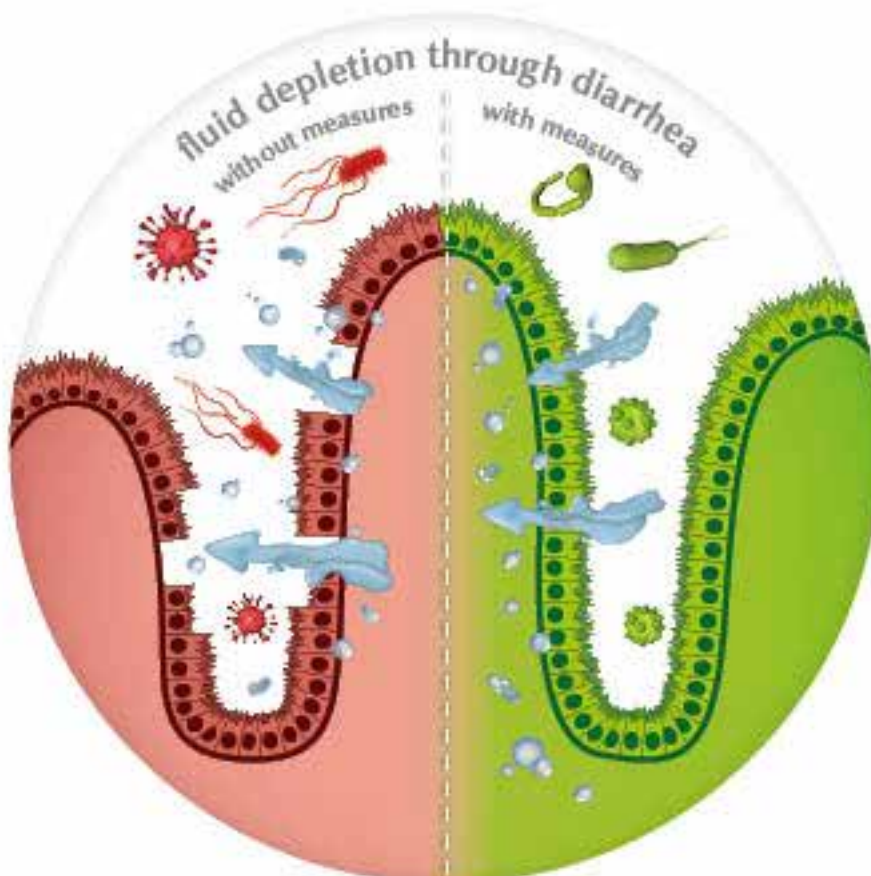
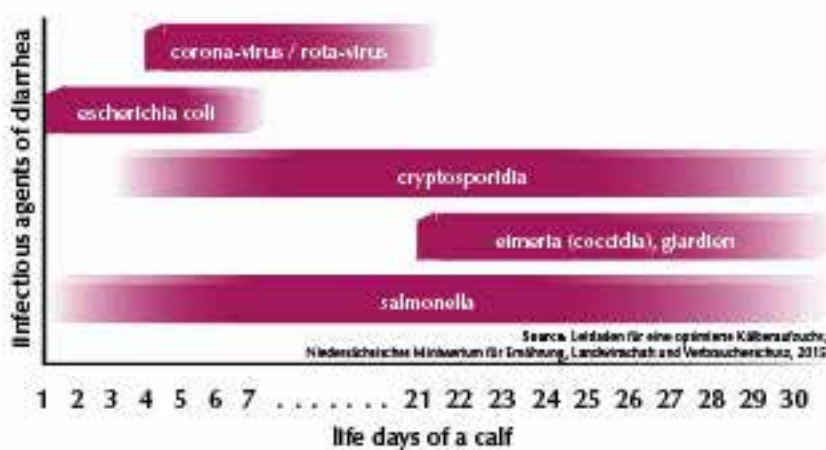
The only effective agents for oocysts in the environment are special disinfectants, e.g. **BERGODES komplett**.

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

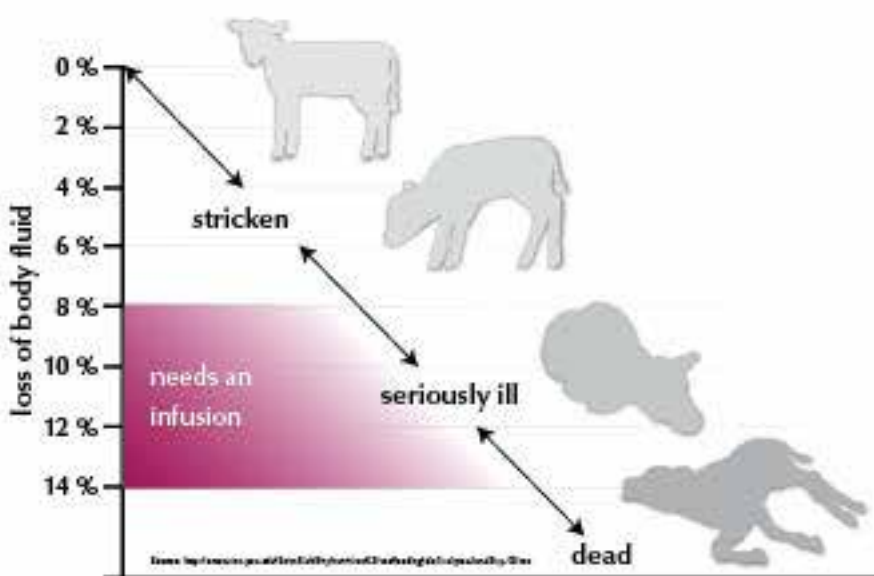
Consequences of diarrhea

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⁺**

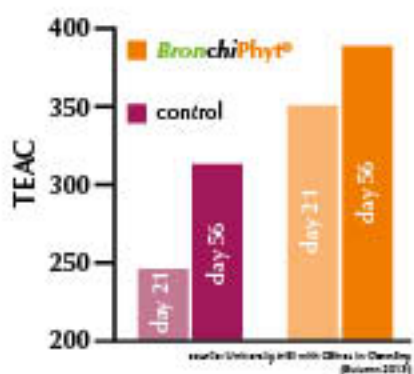
Only in the **BERGOPHOR® MSS⁺**



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

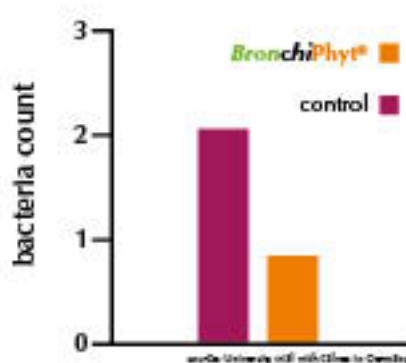
The specially selected components in **BronchiPhyt®** are antispasmodic and expectorant and help to support the calf's natural resistance.

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

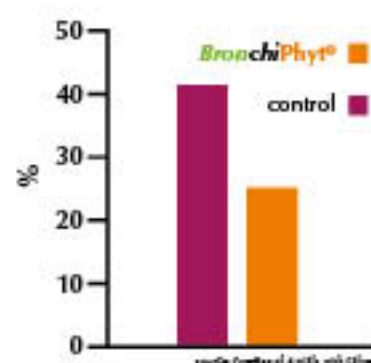


The TEAC value indicates the amount of antioxidants in the blood. The higher the TEAC value, the better the organism's antioxidant capacity. Antioxidants inactivate tissue-damaging free radicals.

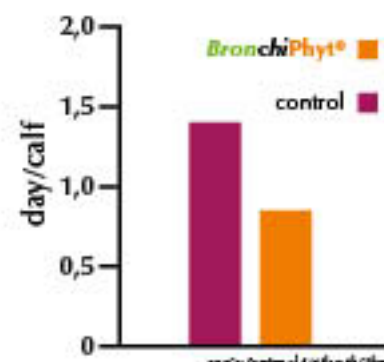
BronchiPhyt® increases daily weight gain by an average of 7 %. By using **BronchiPhyt®**, the metabolism needs less energy to fight inflammation and oxidative stress. The calves therefore have more energy for growth and development.



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

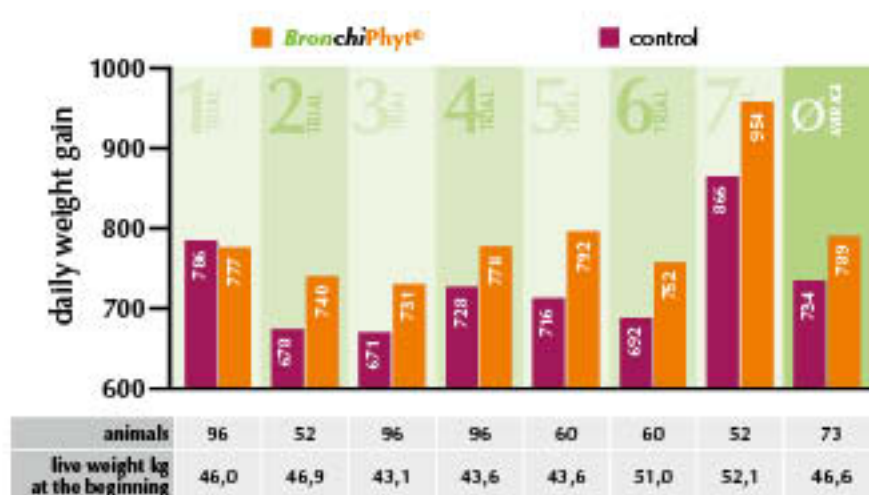


treatment for lung diseases



time of treatment

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.



Source: 7 university trails with calves in Europe

Probiotics and prebiotics in the **BERGOPHORMSS**

Probiotics

The probiotics in the **BERGOPHORMSS** 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.

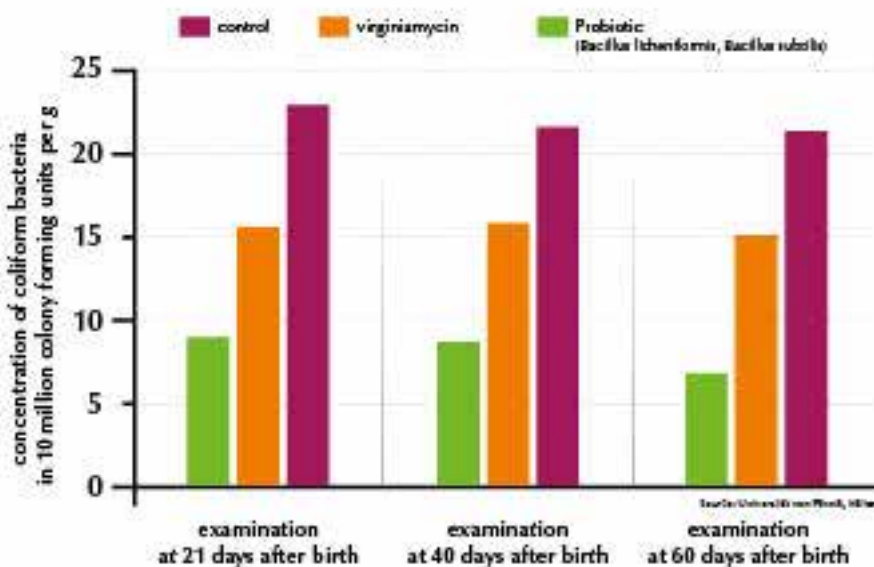
- stabilize and protect the healthy intestinal flora
- displace pathogenic germs, prevent their proliferation
- stimulate the immune reaction in the intestine
- reduce indigestion and diarrhea
- increase feed digestibility

Prebiotics

The prebiotics in the **BERGOPHORMSS** 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[®]MSS

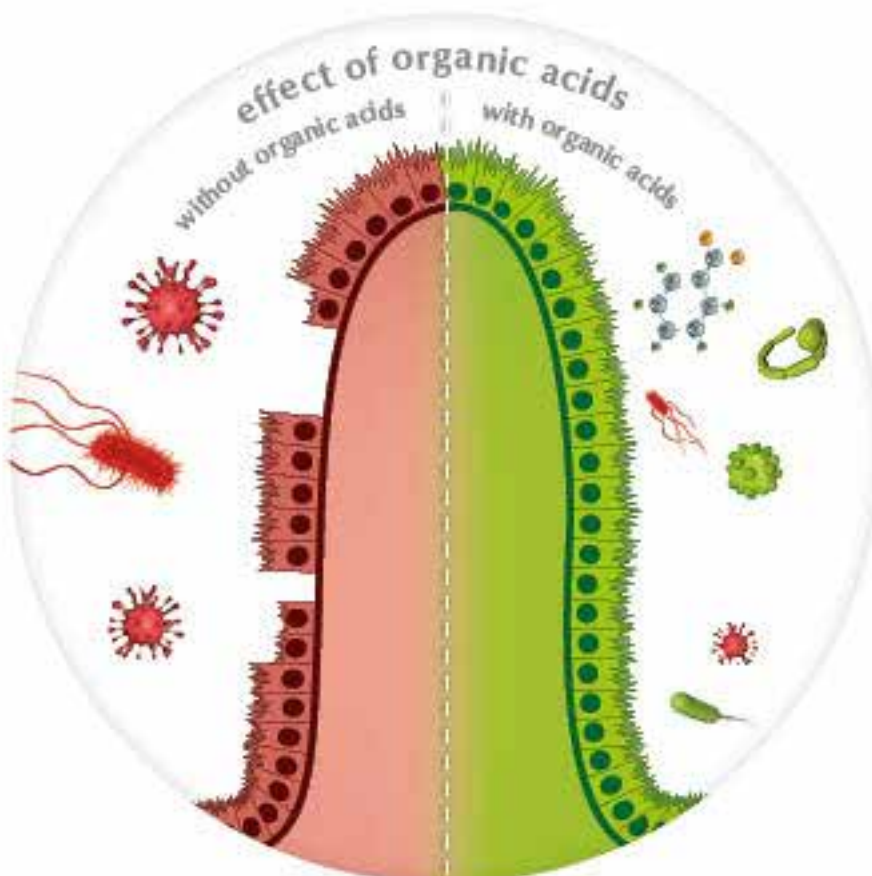
Special combinations of acids

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.³

³ 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[®]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

All **BERGOPHOR® milk replacers** are equipped with **5 essential amino acids** (Lysine, Methionine, Threonine, Tryptophan and Valine) and an innovative combination of acids. These guarantee optimal taste.

The amino acids significantly improve the biological value of the protein in the milk replacers. The acid combination is tasteless and odorless. The pH value of the milk is reduced to 5.9 - 6.1. The milk is stable even at high outside temperatures. The reduction of harmful germs and the support of the positive flora in the calf's intestines occurs through the direct effect of the various acids.



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 phytogetic 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[®]MSS⁺

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



ad libitum
feeding

Special ingredients:**BERGOPHOR⁺MSS⁺****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[®] MSS⁺

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 5th week of life the daily milk amount is limited to 10 l. From the 6th week of life the daily milk amount will be reduced rationed. Offer **BERGOPHOR[®] concentrates for calves**, hay and water ad libitum from the 2nd 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⁺MSS

BERGIN® Milch MA

item no. 0294

Trading unit: Bag 25 kg

High-quality and safe milk replacer with 20 % skim milk powder and 20 % buttermilk powder for rearing.

Special ingredients:

BERGOPHOR⁺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⁺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⁺MSS



Special milk replacer

BERGIN® FA marketing line - Milk replacer with buttermilk powder



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:

BERGOPHORMSS

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:

BERGOPHORMSS

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:

BERGOPHORMSS

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⁺MSS⁺

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⁺MSS⁺

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 AS-Pro

item no. 0247

Trading unit:

Bag 25 kg, BigBag 500 kg

From the first week onwards, the tasty calf pellet is offered ad libitum in addition to the milk drink. The addition of the amino acids lysine, methionine, threonine, tryptophan and valine, in combination with baby milk powder, guarantee an ideal protein for the best possible growth and development of the calves in the rearing phase.

Special ingredients:

BERGOPHOR **MSS**



BERGIN® Kälberpellet AS

item no. 0246

Trading unit:

Bag 25 kg, BigBag 500 kg

From the first week onwards, the tasty calf pellet is offered ad libitum in addition to the milk drink. The addition of the amino acids lysine, methionine, threonine, tryptophan and valine guarantee an ideal protein for the best possible growth and development of the calves in the rearing phase.

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® 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 supplementary feed



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 2nd week of live (same taste). From the 3rd 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

 **BERGIN® Kälberflocken**

 **BERGIN® Kälberflocken + BERGIN® Kälber-TMR**

 **BERGIN® Kälber-TMR**

 **Silage or dairy cow ration + BERGIN® Kälber-TMR**



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 2nd to 16th 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 B₁₂ 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 %

Please note:

An optimal supply of milk performance feed has a decisive effect on the amount of milk, milk components, metabolism and rumen functions. A nutrient analysis of all feedstuffs used in the ration is essential for a needs-based supply of milk performance feed.

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:

Amount of milk**Dry Matter intake****Recommendation**

15 kg milk

15 kg DM

150 g per animal and day

25 kg milk

17 kg DM

170 g per animal and day

35 kg milk

21 kg DM

210 g per animal and day

45 kg milk

25 kg DM

250 g per animal and day



Special mineral feed

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:



SECUSEJ_{uo}



-vital substances

Recommendations for use:

Amount of milk

15 kg milk
25 kg milk
35 kg milk
45 kg milk

Dry Matter intake

15 kg DM
17 kg DM
21 kg DM
25 kg DM

Recommendation

180 g per animal and day
200 g per animal and day
250 g per animal and day
300 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.

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).



Special mineral feed

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 HL marketing line**:

Besondere Inhaltsstoffe:



-vital substances

Einsatzempfehlung:

Amount of milk

15 kg milk
25 kg milk
35 kg milk
45 kg milk

Dry Matter intake

15 kg DM
17 kg DM
21 kg DM
25 kg DM

Recommendation

180 g per animal and day
200 g per animal and day
250 g per animal and day
300 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.

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

SECUSEP



-vital substances

Recommendations for use:

Amount of milk

15 kg milk
25 kg milk
35 kg milk
45 kg milk

Dry Matter intake

15 kg DM
17 kg DM
21 kg DM
25 kg DM

Recommendation

180 g per animal and day
200 g per animal and day
250 g per animal and day
300 g per animal and day

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



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.

Recommendations for use:	Amount of milk	Dry Matter intake	Recommendation
	15 kg milk	15 kg DM	180 g per animal and day
	25 kg milk	17 kg DM	200 g per animal and day
	35 kg milk	21 kg DM	250 g per animal and day
	45 kg milk	25 kg DM	300 g per animal and day



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 38).

Special ingredients:    -vital substances

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 40).

Special ingredients:    -vital substances 

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 38) and live yeast to optimize rumen fermentation.

Special ingredients:    -vital substances 

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 41).

Besondere Inhaltsstoffe:

with biotin

with live yeast

SECUSE_P PLUS

-vital substances



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. Subclinical 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.

Recommendations for use:

Amount of milk	Dry Matter intake	Recommendation
15 kg milk	15 kg DM	225 g per animal and day
25 kg milk	17 kg DM	255 g per animal and day
35 kg milk	21 kg DM	315 g per animal and day
45 kg milk	25 kg DM	375 g per animal and day



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:  **SECUSE_{uo}**  -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:  **SECUSE_{uo}**  -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

with biotin



-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**.

Recommendations for use:

Amount of milk	Dry Matter intake	Recommendation
15 kg milk	15 kg DM	180 g per animal and day
25 kg milk	17 kg DM	200 g per animal and day
35 kg milk	21 kg DM	250 g per animal and day
45 kg milk	25 kg DM	300 g per animal and day



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 38).

Special ingredients:



-vital substances

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 40).

Special ingredients:

with biotin



-vital substances

**KULMIN® TMR-RS Pro**

item no. 0459

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 marketing line** (see page 38) and live yeast to optimize rumen fermentation.

Special ingredients:

with live yeast



-vital substances

**KULMIN® TMR-RS Pro HL**

item no. 0471

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 40), live yeast to optimize rumen fermentation and selenium yeast to ensure selenium supply.

Special ingredients:

with biotin

with live yeast



-vital substances



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® ProVit HL marketing line* (see page 41).

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

Recommendations for use:

Amount of milk	Dry Matter intake	Recommendation
15 kg milk	15 kg DM	180 g per animal and day
25 kg milk	17 kg DM	200 g per animal and day
35 kg milk	21 kg DM	250 g per animal and day
45 kg milk	25 kg DM	300 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® ProVit HL marketing line* (see page 41).

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

Recommendations for use:

Amount of milk	Dry Matter intake	Recommendation
15 kg milk	15 kg DM	180 g per animal and day
25 kg milk	17 kg DM	200 g per animal and day
35 kg milk	21 kg DM	250 g per animal and day
45 kg milk	25 kg DM	300 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 37).

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-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:



-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® Toco forte 100 2.0

item no. 0568

Trading unit:

Bag 25 kg, BigBag 500 kg / 750 kg

Special supplementary feed for dairy cows with rumen-protected natural polyphenols to reduce metabolic stress.

In flour form.

By using **KULMIN® Toco forte 100 2.0**, the cows' body's own immune system is significantly supported. Relieving the burden on the metabolism improves milk production and stabilizes udder health.

- contains special develop clay minerals to bind endotoxins
- increases milk performance in the first third of lactation
- scientifically tested



Special ingredients:

Recommendations for use:

<i>dry cows – 8 weeks before calving</i>	100 g per animal and day
<i>in the first 100 lactation days</i>	200 g per animal and day
<i>from the 100th lactation day</i> to ensure a high level of performance and to support a high health status	150 g per animal and day
<i>in exceptional stress situations</i>	200 g per animal and day

For best results it is necessary to use **KULMIN® Toco forte 100 2.0** at least 3 weeks before calving until 100 days after calving.

KULMIN® Toco forte 100 2.0 P

item no. 0569

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

Special supplementary feed for dairy cows with rumen-protected natural polyphenols to reduce metabolic stress.

In pelleted form.

The composition and recommendation for use correspond to the product **KULMIN® Toco forte 100 2.0** (item no. 0568).

**KULMIN® TocoBolus S + L**

item no. 0558

Trading unit: 1 Pack = 12 Boli
each 6 Boli KULMIN® TocoBolus S à 90 g
each 6 Boli KULMIN® TocoBolus L à 130 g

Special supplementary feed in bolus form for dairy cows and cattle, consisting of a combination of two boluses to be administered together.

- provide the cow with important components to protect the cells, especially in the transit phase before and after calving as well as in stressful situations - the metabolism is protected from free radicals
- specifically support the natural immune defense
- are suitable for dry cows to support the body's own defenses

**Special ingredients:**

Recommendations for use: A dose always consists of two boluses (1 x **KULMIN® TocoBolus S** and 1 x **KULMIN® TocoBolus L**).

selective dry cow treatment

1 dose on the day of dry cow treatment. For every cow, regardless of whether an antibiotic dryer is used or not.

prophylaxis in other stressful situations (husbandry stress, heat stress, change in feed)

Administer one dose each

Notice:**transit prophylaxis**

1 dose each shortly after calving, as inflammatory processes are to be expected in all cows during this period.

The double bolus inputter (item no. 6244 - see page 89) is suitable for entering the **KULMIN® TocoBolus S** and **KULMIN® TocoBolus L** at the same time.

Special supplementary feed

For special purposes



KULMIN® Ca + D Bolus

item no. 0566

Trading unit:

1 Pack = 4 Boli à 175 g

Dietary supplementary feed in bolus form for dairy cows to reduce the risk of milk fever and subclinical hypocalcaemia.

Milk fever or hypocalcaemia (low calcium levels in the blood) is a metabolic disease in dairy cows caused by calcium deficiency in the blood around calving and at the beginning of lactation. Multiparous high-yield cows are often affected. Cows that have already had milk fever in a previous lactation are at high risk of becoming ill again.

KULMIN® Ca + D Bolus enables a continuous increase in the calcium blood level for 8 - 12 hours after administration and is an ideal supplement to a calcium infusion administered by the veterinarian.

Recommendations for use:

Give a **KULMIN® Ca + D Bolus** to the cow immediately after calving. Give a second bolus within 12 hours. From the first signs of labor until two days after the calf is born.



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

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
- specifically supports the natural immune defense

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



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 with **Digest forte**. Contains a prebiotic produced by microbial fermentation (**Digest forte**), which serves as a selective food source, in particular for bacteria and fungi that digest raw fibre.

These therefore multiply more, which increases the production of enzymes for digesting fiber carbohydrates and the formation of volatile fatty acids in the rumen.

The increase in bacterial mass leads to a corresponding increase in microbial protein in the rumen.

The supply of usable crude protein in the small intestine with an ideal amino acid composition is thus increased.

By increasing the enzyme activity in the rumen, the cow has around 10 g more phosphorus available per day through the breakdown of phytin-P.

- improvement of the overall digestibility of the ration by approx 10 %*
- improvement in the digestibility of crude fiber (NDF) by approx 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*
- improved nutrient absorption from the intestine*

Special ingredients:

Digest forte

Recommendations for use:

In order to achieve the desired effects, an adaptation phase of the rumen flora of 4 - 8 weeks from the start of feeding is necessary.

dry cows

50 g per animal and day
(from 3 - 4 weeks before calving)

lactation cows

100 g per animal and day

fattening cattle

25 - 50 g per animal and day

*Source: Summary of 8 published research studies: Nocek, J., 2011., Nocek, J., 2009., Chen, C.R., 2004., Varel, V.H., 1993., Beharka, A.A. and T.G. Nagaraja., 1993., Westvig, R.M., 1991., Gomez-Alarcon, R.A., 1991. , Gomez-Alarcon, R.A., 1990.

KULMIN® LEINEX Dairy

item no. 0597

Trading unit:**BigBag 650 kg**

Supplementary feed for dairy cows with particularly highly digestible, extruded linseed and rapeseed meal. The extrusion of the components in **KULMIN® LEINEX Dairy** significantly increases both the overall digestibility of all raw nutrients contained and the amount of metabolically available, essential omega-3 fatty acids. **KULMIN® LEINEX Dairy** maximizes the available energy at the start of lactation and thus makes a significant contribution to supporting metabolism.

→ **high-quality protein**

- high UDP content through patented extrusion process
- small intestine-available lysine and methionine

→ **highly digestible fat**

- increases energy supply and thus contributes to the natural maintenance of liver health

→ **high energy content**

- **KULMIN® LEINEX Dairy** can replace grain in a ratio of 2:1 to 3:1

→ **guaranteed high content of omega-3 fatty acids***

- improve the permeability of the rumen wall and thus lead to an improvement in nutrient absorption
- support fertility and estrus behavior
- increase the natural immune defense in systemic inflammation

→ **higher persistence**

- an optimal course of the lactation curve reduces metabolic diseases and the risk of obesity at the end of lactation

**Recommendations for use:****lactation phase:****dry cows**

0,4 - 0,5 kg per animal and day

preparers

0,4 - 0,5 kg per animal and day

early lactation

0,7 - 2,0 kg per animal and day

mid lactation

0,5 - 1,0 kg per animal and day

entire lactation

0,8 kg per animal and day

*Source: Zachut et. al. 2011

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.

Special ingredients:

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 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:

Digest forte



SECUSE plus



-vital substances

Recommendations for use:

3rd to 4th 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:

Digest forte



SECUSE plus



-vital substances

Recommendations for use:

3rd to 4th 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 to reduce the risk of milk fever in the last 3 - 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® 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 2nd calf in the period close to birth.



Recommendations for use:

Prevention of milk fever

1st bottle 24 hours before calving.
2nd bottle immediately after calving.
3rd bottle 12 hours after calving.
4th bottle 24 hours after calving.

Support of the calcium-supply after veterinarian calcium-infusion

1st bottle 8 - 12 hours and 2nd 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 support metabolic disorders*

After calving, feed with 370 - 500 g per animal per day for a period of 3 to 6 weeks.

For metabolic support after acute ketosis

400 g per animal per day, feed for approx. 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.

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

Recommendations for use:	Amount of milk	Dry Matter intake	Recommendation
	15 kg milk	15 kg DM	180 g per animal and day
	25 kg milk	17 kg DM	200 g per animal and day
	35 kg milk	21 kg DM	250 g per animal and day
	45 kg milk	25 kg DM	300 g per animal and day



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.



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 FiBL-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, D³ and E. Also suitable to produce farm-made feed concentrate.

Special ingredients: -vital substances



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 FiBL-list of organic farming products in Germany.

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


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 FiBL-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 low-calcium rations. For optimal immune system and health. Supports rumen digestion and fatty acid utilization. Includes all components of the **KULMIN® Vital marketing line** (see page 38) and live yeast and a special flavoring mixture made from polyphenols..

Special ingredients:    -vital substances
Recommendations for use:

Amount of milk	Dry Matter intake	Recommendation
15 kg milk	15 kg DM	150 g per animal and day
25 kg milk	17 kg DM	170 g per animal and day
35 kg milk	21 kg DM	210 g per animal and day
45 kg milk	25 kg DM	250 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 FiBL-list of organic farming products in Germany.



Special mineral feed

KULMIN® OLB marketing line



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 38) and live yeast to optimize rumen fermentation.

Special ingredients:    -vital substances

Recommendations for use:

Amount of milk	Dry Matter intake	Recommendation
15 kg milk	15 kg DM	150 g per animal and day
25 kg milk	17 kg DM	170 g per animal and day
35 kg milk	21 kg DM	210 g per animal and day
45 kg milk	25 kg DM	250 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 FiBL-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 FiBL-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 FiBL-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, D₃ 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 FiBL-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, D₃ 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 brues 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



KULMIN® BL-OLB-K 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 FiBL-list of organic farming products in Germany.

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 FiBL-list of organic farming products in Germany.

**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 FiBL-list of organic farming products in Germany.



Special mineral feed

Licking material for self-supply



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 cows100 - 200 g per animal and day

young cattleup 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 FiBL-list of organic farming products in Germany.



BERGIN® Kälberbon-OLB

item no. 0577

Trading unit:

Bowl 7,5 kg, Bucket 18 kg

A lick mass with an effective dose of minerals, trace elements and vitamins for free absorption. Can be provided from the second week of life. Contains organic and very tasty ingredients that stimulate calves' feed intake. The garlic and cinnamon it contains help to stabilize the healthy intestinal flora and support the natural defense of the immune system.

Special ingredients:

 -vital substances



BERGIN® Kälberbon-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 FiBL-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, a special flavoring mixture made from polyphenols 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 FiBL-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 FiBL-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:



SECUSEP_{TUS}

Recommendations for use:

cows / pregnant cattle

preventive	150 g per animal and month
3 rd and 6 th 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 stabilize 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 β -carotene blood concentration (lower than 2,000 mcg/l) often appear deficiency symptoms:

- **β -Carotene** deficiency causes bad detectable estrus, delayed ovulation and bad insemination rates
- **β -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 **β -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



Equipment



Tränkeimer (complete)	item no. 0655
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Amount:	1 Piece
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Feeding bucket (plastic) seizes 8 liter milk replacer. Completely equipped with valve, sucker and wall holder (without cover).

Deckel Tränkeimer	item no. 6056
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Amount:	1 Piece
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Cover for feeding bucket.

Wandhalterung	item no. 0630
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Amount:	1 Piece
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Wall holder for feeding bucket.

Eimer-Ventil	item no. 0642
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Amount:	1 Piece
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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).

**Doppelbolus-Eingeber (double bolus dispenser)**

item no. 6244

Amount:**1 Piece**

A double bolus dispenser to be able to administer two boluses (for example *KULMIN® TocoBolus S* and *KULMIN® TocoBolus L*) together. The amount of work and stress for the cow is reduced.



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. 0858	320 mm	item no. 0859
455 mm	item no. 0860	500 mm	item no. 0864
530 mm	item no. 0863	620 mm	item no. 0861



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

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 20 kg, BigBag 400 kg / 1.000 kg

BERGO CuraDes plus® is a highly alkaline hygiene bedding powder made from various mineral components. It helps the bedding to dry out quickly and raises the pH value. When used continuously, the pH value in the lying area is kept constantly in the highly alkaline range above pH 12. However, many pathogenic germs require a pH value between 4 and 9 in their environment. **BERGO CuraDes plus®** therefore has a germ-reducing effect and thus ensures optimum hygiene in the stable. The continuous use of **BERGO CuraDes plus®** has been proven to kill up to 99 % of germs.

- binds moisture and reduces ammonia emissions
- can be excellently processed with all bedding machines or by hand
- is residue-free in biogas plants
- is listed in the german input list for organic farming

DLG Quality Seal

BERGO CuraDes plus® has been awarded the DLG seal of quality for hygiene bedding and bedding materials. The DLG Quality Seal includes tests in the laboratory and in practice.

BERGO CuraDes plus® is tested for:

1. hygienic effect
2. material compatibility
3. dust formation
4. water absorption capacity
5. slip resistance

BERGO CuraDes plus® met all the requirements. These tests are repeated on an ongoing basis.

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



DANGER



Hazard statements:

- H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary statements:

- P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water
P310 Immediately call a POISON CENTER/doctor
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

Stable hygiene



BERGO® CuraMol Citrus

item no. 6247

Trading unit:

Bag 20 kg

Absorbent rock flour to bind moisture in the stable. A coordinated combination of moisture-binding active ingredients makes pens, walking areas and lying areas dry and safe to walk on.

Suitable for standing, lying and walking areas, deep litter areas, rubber mats and calf boxes (for example after cleaning out)

- reduces germ and infection pressure or germ transmission
- reduces ammonia development from feces, urine and manure
- improves the stable air and thus promotes the well-being of the animals
- ensures dry and stable claws
- in addition, fewer flies develop on dry surfaces

Recommendation for use:

Roughly clean the areas to be treated and sprinkle 50 - 100 g/m² once or twice a week until dry (also on deep litter). Can be used easily in occupied stables and is harmless to humans and animals. Avoid dust.

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® 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: Stabilization of TMR 1,0 - 3,0 kg pro 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.

Recommendations for use:

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 2.0**

item no. 0969

Trading unit:

1 Pack = 25 kg Bag

A microgranulate for easy preservation of mixed feed and grain. Protects dry feed from microbial loss. Bacterial, fungal and yeast growth in grain are reliably inhibited. **Product off-gasses intensively.**

Recommendations for use: Minimum application rate in kilograms/tonne of clean grains for wheat, barley, rye, oats, triticale.

Storage period in month		up to 1	1 - 3	3 - 6	6 - 12
Moisture content*	14 %	3	4	5	6
	16 %	4	5	6	7
	18 %	5	6	7	-

*Preservation of grains according to the highest moisture content.

Preservation of complete feed:

3,0 - 7,0 kg per ton



BERGO® Acid-OLB 2.0 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. All components contained in this product are permitted according to 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
BERGO® Acid liquid	99	BERGIN® Kälber-TMR	34	KULMIN® TMR-RS Pro	47
BERGO® Acid Plus 2.0	100	KULMIN® KG ProVit-OLB	70	KULMIN® TMR-RS Pro HL	47
BERGO® Acid-OLB 2.0	99	KULMIN® KG Vit-OLB	69	KULMIN® TMR-RS Vital HL	47
Applikator	83	KULMIN® Lacto HL 100	62	KULMIN® TMR-Vital	42
Auslaufhahn	84	KULMIN® Lacto HL 50	62	KULMIN® TMR-Vital HL	42
BERGOFRESH	90	BERGO® Lactosil Duo	96	KULMIN® Toco forte 100 2.0	52
BERGOFRESH Liquid	90	BERGO® Lactosil Fresh	96	KULMIN® Toco forte 100 2.0 P	53
BERGO® Beta-Konzentrat	80	KULMIN® Leckeimer-OLB	72	KULMIN® TocoBolus S + L	53
Biestmilchtester	22	KULMIN® Leckschale R	49	KULMIN® Tränkeeimer (komplett)	82
KULMIN® BL	49	KULMIN® LEINEX Aktiv	63	BERGOPHOR® Universalseife	91
KULMIN® BL-K	50	KULMIN® LEINEX Dairy	57	KULMIN® Vital-Drink	61
KULMIN® BL-OLB	71	KULMIN® LEINEX Energy Digest	54	KULMIN® Wandhalterung	82
KULMIN® BL-OLB-K	72	BERGIN® LEINEX Plus	58	BERGOPHOR® Wasch-Aktiv	91
KULMIN® BL-OLB-ZG	72	BERGIN® LEINEX Plus-OLB	75	KULMIN® WG ProVit-OLB	69
KULMIN® BL-Vital HL	50	KULMIN® LE-Vital	39	KULMIN® WG Vit-OLB	68
BERGIN® BronchiPhyt Plus	33	KULMIN® LK	37	KULMIN® WG-OLB	68
KULMIN® BufferPro	55	BERGIN® Lytopect	24	KULMIN® WK	37
KULMIN® Bullenplus	66	BERGOPHOR® Melkcreme	86	BERGIN® WS Spezial	29
KULMIN® Bullenprofi	66	BERGOPHOR® Melkmaschinenreiniger AF	90	KULMIN® WTH	49
KULMIN® Ca + D Bolus	54	KULMIN® MFV komplett	59		
KULMIN® CA-ProVit HL	41	KULMIN® MFV Plus	59		
KULMIN® CA-Vital	38	KULMIN® MicroPro	51		
KULMIN® CA-Vital HL	40	BERGIN® Milch 40FIT	28		
BERGIN® Chrp-to-Fit	23	BERGIN® Milch Exzellent SL	27		
BERGIN® Chrp-to-Pect	23	BERGIN® Milch FA-Power	30		
BERGO® CuraDes basic	93	BERGIN® Milch FA-Pro	30		
BERGO® CuraDes plus®	92	BERGIN® Milch LC 50	26		
BERGO® CuraDip extra 2.0	89	BERGIN® Milch LS	29		
BERGO® CuraDip Spray	89	BERGIN® Milch MA	29		
BERGOPHOR® CuraMint	86	BERGIN® Milch S	29		
BERGO® CuraMol Citrus	94	BERGOPHOR® Milchfilterschläuche	87		
KULMIN® Dairy Basic	44	KULMIN® MINERALLECKSTEIN OLB	71		
KULMIN® Dairy Buffer & Bind	45	BERGIN® MS-forte	81		
KULMIN® Dairy Digest	45	KULMIN® NPN-Plus	67		
KULMIN® Dairy Feet & Claw	44	BERGIN® OregaBi-Kaps	25		
KULMIN® Deckel Tränkeeimer	82	BERGO® Pect	25		
KULMIN® Digest forte 100	56	BERGO® PflegeDip	88		
KULMIN® Doppelbolus-Eingeber	83	KULMIN® Phos	60		
KULMIN® Dosierpumpe	84	KULMIN® Phos Vital HL	60		
KULMIN® Eimer-Ventil	82	KULMIN® Phos-OLB	74		
BERGIN® Endo-Forte	55	BERGOVIT Prokondi	79		
BERGO® Euterlotion	86	BERGOVIT Prokondi forte	79		
BERGOPHOR® Eutertücher	86	KULMIN® ProLac 40	65		
BERGO® Eutertücher feucht	87	KULMIN® ProLac Amin M	58		
BERGO® Eutertücher feucht (NFP)	87	BERGIN® ProMilk K-OLB	75		
BERGIN® FA-Classic	30	KULMIN® Propycal	61		
KULMIN® FG-ProVit HL	41	BERGIN® Provilac Acid-OLB	76		
KULMIN® FG-Vital	39	BERGIN® Provilac Protect	31		
KULMIN® FG-Vital HL	40	BERGIN® Provilac S	31		
BERGIN® Globulac K	22	BERGIN® Provitop	79		
KULMIN® GlukoMix	64	KULMIN® RM-Plus	66		
KULMIN® GM-RS Vital	46	KULMIN® RobiTop	36		
KULMIN® GM-Vital	38	KULMIN® Rumi-CA-ProVit HL	48		
BERGOPHOR® Grundreiniger SF	90	KULMIN® Rumi-ProVit HL	48		
BERGOPHOR® Handwaschpaste	91	KULMIN® SALZLECKSTEIN OLB	71		
BERGIN® Kälberbon	35	KULMIN® Schalmtestscheibe	84		
BERGIN® Kälberbon-OLB	74	KULMIN® Schneebesen	83		
BERGIN® Kälberfit	22	BERGIN® Secural	22		
BERGIN® Kälberflocken	32	BERGO® Silostabil	97		
BERGIN® Kälberhilfe SL	24	BERGO® Silostabil G	97		
BERGIN® Kälberkraft 10	33	BERGO® Spender Euterlotion	84		
BERGIN® Kälberkraft 10-OLB	76	BERGO® SprühDip	88		
BERGIN® Kälberkraft 33	32	BERGO® Stabilo Acid G	98		
BERGIN® Kälberpellet AS	32	BERGOVIT Super	78		
BERGIN® Kälberpellet AS-Pro	32	BERGO® TMR stabil-OLB	98		
BERGIN® Kälberplus	35	KULMIN® TMR-ProVit	42		
BERGIN® Kälber-Sauger (ohne Ventil)	83	KULMIN® TMR-ProVit HL	43		



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FEEDING WITH SYSTEM

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