

CATEC AGRO CARE

feeding successfully



Calves



CATEC AGROCARE

KNOW-HOW

The development in the first weeks of life lays the foundation for a calf's future performance potential. Optimal feeding therefore plays a crucial role in successful rearing. The timely intake of colostrum, ideally within the first few hours after birth, forms the basis for the calf's health and immune defense. Subsequently, whole milk and milk replacers ensure a balanced diet.

Starting from the first week of life, high-quality hay, premium calf starter, and clean water can also be offered. Particular attention should be paid to the palatability and digestibility of the calf feed during this period, as this encourages early feed intake. A balanced intake of concentrate and roughage is essential to stimulate the development of rumen papillae and promote rumen volume.

With increasing feed intake, the calf transitions from a monogastric to a ruminant, allowing for a gradual reduction and eventual complete cessation of milk feeding. Meeting the high nutritional demands during this phase is crucial, requiring the use of high-quality raw materials and a well-balanced mineral supplementation.

CATEC AGROCARE calf feed products have been developed based on the latest scientific findings to support optimal feeding. They are not only easy to handle but also integrate seamlessly with farm-produced feed – an important factor for economically successful calf rearing.

COMPLETE FEED & CONCENTRATES

The calf-rearing phase is considered the most demanding stage in cattle farming. To achieve the goal of rapid juvenile development, the early provision of solid feed alongside milk feeding is recommended. Depending on farm conditions, CATEC AGROCARE offers suitable products such as calf TMR, calf concentrates, or protein supplements to complement farm-grown grains.

CATEC Calves TMR

TMR0001

Calf Feeding Made Easy

Selected raw materials and a diverse formulation ensure high palatability and encourage early feed intake. The blend with finely chopped fiber components prevents feed selection: the consumed concentrate feed promotes the rapid development of rumen papillae, while the supply of raw fiber increases rumen volume. With a balanced composition of vitamins and trace elements, calves receive all essential nutrients from a single product!

Feeding recommendation: Free access from the 1st week of life.

CATEC Calf Muesli

M10011010

Highest Digestibility with Processed Components!

The muesli structure with a high flake content promotes early feed acceptance and intake in calves. The processed grain components ensure maximum digestibility and optimal feed utilization. Additionally, the balanced mineral supplementation guarantees a nutrient supply tailored to the calves' needs—ensuring fast and trouble-free development.

Feeding recommendation: Free access from the 1st week of life.

CATEC Calf start

3110001

A Successful Start is the Foundation for Future Performance

Exceptional palatability, achieved through carefully selected ingredients, promotes early feed intake, which plays a key role in the rapid development of rumen papillae. The included probiotics, along with a well-balanced supply of vitamins and trace elements, support digestion and contribute to healthy, vigorous calves.

Feeding recommendation: Free access from the 1st week of life; up to 2.2 kg per calf.

CATEC Calf Start TMR

3671110

Calf Starter for Easy Mixing of a Dry Calf TMR

Feeding calf TMR offers several advantages: it promotes early solid feed intake, prevents feed selection, and ensures easy daily handling. For farms that provide their own roughage, CATEC Calf Start TMR offers a simple way to create a palatable dry TMR for healthy, vigorous calves.

Feeding recommendation: Mixing ratio for TMR: 75%

CATEC Calf rearing feed

3671040

Rearing Feed for Optimal Development of Calves & Young Cattle

During calf rearing, the transition from monogastric to ruminant is completed. During this phase, the feed must be palatable, highly digestible, and sufficiently mineralized to ensure high feed intake and optimal rumen development. CATEC Calf rearing feed provides the ideal composition for rapid growth and high daily weight gains in cattle up to 6 months of age.

Feeding recommendation: Up to 2.2 kg per day.

CATEC Calf

3220000

Tasty Mineral and Energy Supplement for Self-Mixers

This proven high-concentrate product provides both mineral and energy supply in one. Its unique composition makes CATEC Calf highly palatable while supporting digestion and maintaining a stable pH level in the rumen—an essential factor in intensive calf rearing.

Feeding recommendation:

Mixing ratio for calf starter: 10%

Mixing ratio for TMR: 8%

Optimal Supplement for Farm-Grown Grains

The diverse composition of various protein components, minerals, and digestion-enhancing additives is perfectly tailored for mixing with grain. Whether used in calf concentrate feed or for producing TMR, CATEC Calf Concentrate ensures a nutrient-rich diet and high feed intake. Feeding recommendation:

- Mixing ratio for calf starter: 35%
- Mixing ratio for TMR: 30%

Produce Your Own Dry TMR

Advantages of a Calf Dry TMR

- - The ratio of roughage to concentrate is always balanced, and the risk of hyperacidity is low.
- - Calves consume roughage early, which promotes rumen volume.
- - Handling is simple and time-saving.
- The - TMR can be easily mixed in advance if stored in a dry place, making it suitable for all farm sizes.

The prerequisite for producing dry calf TMR on the farm is the availability of roughage of impeccable quality, as well as the ability to thoroughly mix the components and cut the roughage into sufficiently small pieces (2-3 cm).

Mixing recommendation for calf TMR:

with our own grain:	with ready-made food:
CATEC calf concentrate..... 30,0 %	CATEC Calf Start TMR..... 75,0 %
grain corn..... 22,5 %	hay 10,0 %
barley 22,5 %	straw..... 9,0 %
hay 10,0 %	Catecfluid TMR..... 6,0%
straw 9,0 %	
Catecfluid TMR..... 6,0 %	In total..... 100,0 %
In total..... 100,0 %	

Tip:

Catecfluid TMR ensures adequate dust binding and optimal cohesion of the mixture. Its high palatability stimulates feed intake.

Feeding instructions:

Calf TMR can be offered freely from the first week of life. However, leftover feed should be removed regularly, as otherwise mold can easily develop. Constant access to sufficient clean drinking water is essential for high feed intake.

MILK HOUSE EXCHANGER

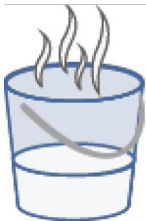
Optimal nutrition for calves is crucial for their healthy growth and development. After the vital intake of colostrum, the question of further nutrition arises. In addition to the use of whole milk, milk replacers offer a valuable alternative for effectively meeting the nutritional needs of young animals.

Product	Skimmed milk powder (percentage)	Recommended use (g/liter water)	without Palm oil
MAT282900 Bosch A30 Kombi	30	140	
MAT282400 Bosch A50 Kombi	50	140	
MAT283300 Bosch Pro 30R	30	140	✓
MAT280400 Bosch Goldmilch	0	140	
MAT280300 Bosch Goldvital R	0	140	✓

Our milk replacers (MAT) feature the Catec Protection System 2.0, which supports digestion through additives such as organic acids and prebiotics, ensuring vital calves with excellent growth. All milk replacers we offer are suitable for the production of GMO-free feeds.

Tip: Always stir MAT powder into warm water (45-50°C) to avoid clumping. The optimal feeding temperature is approximately 38-42°C.

Mixing instructions for milk replacer feed



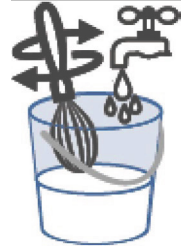
1. Heat water, temperature: 45-50°C.



2. Add milk powder: 140g/l milk



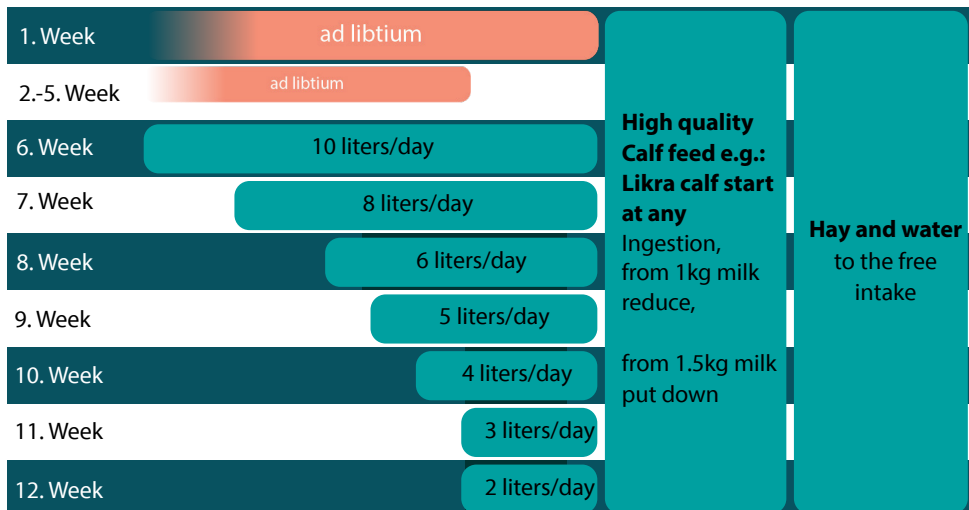
3. Stir briskly until the powder is completely dissolved



4. If necessary, add remaining water – Done

Drinking plan

Calves only reach their full developmental potential in the first weeks of life with optimal nutrient supply, which can be achieved through high feed volumes (e.g., ad libitum feed). To ensure a smooth transition from milk feed to solid feed, it is recommended to adjust the feed volume to the amount of concentrate consumed. For example, if the calves are consuming 1.0 kg of concentrate, the milk feed can be reduced, and at approximately 1.5 kg of concentrate intake, the milk feed can be discontinued.



Total requirements:

650 - 700 litres of drinking water 50 kg of concentrate feed

Adjusting the amount of water to the ambient temperature	Ambient temperature	Increase the amount of drinking water by
The thermoneutral zone for calves is between 10 and 25°C. With dry bedding and a draft-free area, they can tolerate even lower temperatures. However, as the temperature increases, calves' energy needs increase, so the amount of feed should be increased to ensure healthy growth.	25 °C	+ 0,0 Liter
	15 °C	+ 0,0 Liter
	10 °C	+ 0,6 Liter
	5 °C	+ 1,3 Liter
	0 °C	+ 1,8 Liter
	-5 °C	+ 2,2 Liter
	-10 °C	+ 2,7 Liter
	-15 °C	+ 3,1 Liter
	-20 °C	+ 3,5 Liter

SPECIAL PRODUCTS



In the first weeks of life, calves are susceptible to illnesses and digestive disorders that can significantly impair their growth and performance. Strengthening the immune system and vitality, as well as promoting feed intake, are preventative measures. Our specialty products offer targeted support in this regard.

aktiv Formel K

5110000

The effective problem solver for calf diarrhea

Active Formula K, with its powerful antimicrobial effect, effectively reduces coccidia and cryptosporidia contamination and ensures optimal intestinal health. To maximize performance potential, the rich supply of vitamins and organic trace elements enhances whole milk throughout the entire feeding period.

Recommended dosage: 50g/calf/day

aktiv Formel VetPower H

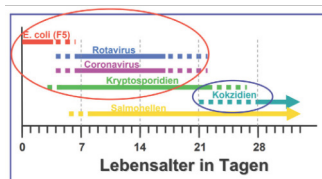
5111030

Diarrhea prophylaxis from the start

The probiotics contained stimulate the local defense system in the intestine and, in combination with lactic acid bacteria, offer effective diarrhea prevention. Active Formula VetPower H has a constipating effect, specifically supports the prevention of E. coli infections, and stimulates feed intake thanks to its exceptional palatability.

Recommended dosage: 50g/calf/day

Calf diarrhea can be caused by various pathogens, with certain pathogens occurring more frequently depending on the age of the calves (see graphic). Identifying the pathogen enables effective preventive measures and targeted treatment.



CATEC-Lyt

5210000

First aid for the calf

Diarrhea or high temperatures increase the risk of dehydration in calves. Providing clean drinking water is essential, but weakened calves often don't accept it well. CATEC-Lyt's high palatability increases their willingness to drink, supports electrolyte balance, and thus ensures the necessary mineral balance and sufficient fluid intake.

In cases of diarrhea, milk feeding should not be discontinued, as calves absolutely need the nutrients in milk. Additional fluid intake through electrolyte feeding should be provided between meals. The optimal interval between milk and electrolyte feeding is two hours.

Recommended use: Dissolve CATEC-Lyt in lukewarm water (50g/liter) and administer 2 liters of electrolyte drink between meals (2-4 times daily).

CATEC-ACID Liquid

S1002

Liquid acid for the production of sour drinks

Acidified milk offers many advantages in calf feeding: lowering the pH of the milk to 5.5-6 inhibits the proliferation of microbes in the milk and thus reduces their spread in the gastrointestinal tract. The milk is easier to digest, and the feeding temperature can be lowered to approximately 25°C. With CATEC-ACID Liquid, acidified milk is easy to prepare by adding 1-2 ml per liter of milk. Monitoring the pH to verify the required acid dosage is recommended.

Recommended use: 1-2 ml per liter of milk

CATEC-ACID Dry

S1004

Powdered feed acid

Our high-quality feed acid effectively reduces microbial loads in feed while supporting stable gastrointestinal function. CATEC-ACID Dry is not only suitable for use in solid feed, but is also ideal for making acidified feeds. Thanks to its powder form, it can be easily mixed into TMR, concentrates, and milk. A particular advantage is its precise and uncomplicated dosing, which ensures optimal, even distribution in the feed.

Recommended use: 3.5 kg/t feed; 1-2 g/l milk for acidification

To enhance any mix

Catecfluid TMR increases the palatability of the TMR mixture thanks to its extreme sweetness (75% higher than molasses), thus promoting feed intake. The different sugar sources are gentle on the rumen. Its excellent flowability ensures even distribution of the sugar syrup, preventing selection in mixed rations.

Recommended use: depending on ration calculations


Clean animals - clean performance!

Bacteria such as E. coli thrive in warm, moist environments at a pH of around 7; growth is significantly restricted at values above 9. BreCalSan is a mineral bedding product with a hygienic effect based on limestone. The high pH value of >12 limits the proliferation of pathogenic germs and reduces the bacterial load on walking surfaces and in cubicles. Bacterial diseases and hoof problems are thus prevented! BreCalSan is characterized by very good skin compatibility, which reduces skin irritations on joints. The hygienic lime improves barn air by binding ammonia. The large surface area binds moisture, which not only ensures dry and clean animals but also limits the proliferation of flies and other vermin.

Use biocides carefully – always read the label and product information before use!

Recommended use: 150-200g/m² daily in raised and calf pens; blanket bedding in calving, exercise, and waiting areas.





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