



# PRODUCTS FOR CATTLE

product catalog 2021/2






Since 2008, VetExpert has been taking care of health and comfort of all animals.


**Our mission is to support caregivers and veterinarians in everyday care and treatment decisions. So that every animal can look, feel and live as well as possible.**

VetExpert products are used by veterinarians, breeders and animals caregivers in over 30 countries. In Poland, VetExpert is the leader of trust among veterinarians \*. The high quality and effectiveness of our products has been maintained many times and awarded. The concept of creating products "VetExpert. Based on evidence" guarantees visible results supported by scientific evidence.

We are the only company that have such a wide portfolio of specialized products:

-  feed for farm animals
-  dietary supplements for pets
-  fast diagnostic tests for dogs, cats and farm animals
-  innovative cosmetics line
-  unique hygienic products
-  veterinary and household food.

 We meet the most stringent production requirements. We only use factories with the highest pharmaceutical quality certificate GMP (Good Manufacturing Practice), and production standards are the same as those of medicines for people. All stages are under constant control and supervision.

 The compositions of the preparations are developed together with veterinarians and scientists.

We're highly thankful for your trust. Still working on new innovations.



## Spis treści



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## DIAGNOSTIC TOOLS FOR CATTLE

### BoviD-4 Ag



A quadruple test for differentiating the causes of calf diarrhea based on the immunochromatographic method, that allows with high accuracy to determine the presence of *Cryptosporidium*, *E. coli*, rotavirus and coronavirus in the feces of calves.

The result of the BoviD-4 test gives an information about the health situation of the herd:

- ***E. coli* K99 (ETEC - enterotoxigenic strain) indicates the poor quality of colostrum**, improper milking of the calf or lack of specific, protective antibodies. Infected calves need electrolytes and irritation therapy.
- ***Cryptosporidium* – requires targeted therapy**, not only the patient as an individual, but all of the calves of the group. When the problem is present in the herd it is recommended to apply preventive vaccinations from first days of calves' life.
- **Rotavirus/Coronavirus** – in infected calves should be started an irrigation therapy and electrolytes should be replenished. Calves should also receive ingredients activating the regeneration of intestinal villi (eg Lacthydravo).

**Test result in just 10 minutes!**

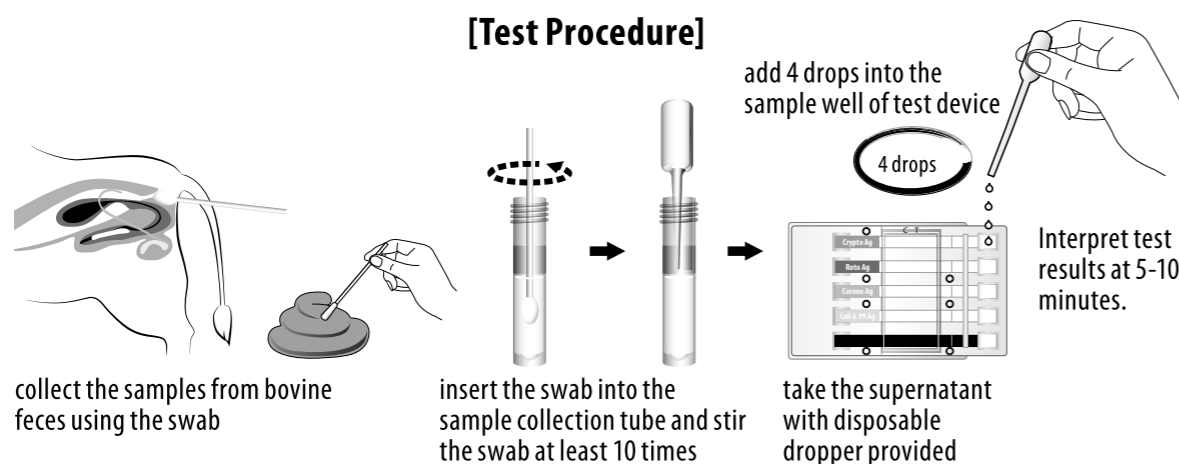
**Package: 5 tests**

#### WHY IS IT WORTH PERFORMING FECAL TESTS IN CALVES?

The current farming and treatment of animals pose high requirements on us, in particular in terms of responsibility. The adequate and prudent use of antibiotics and veterinary medicines – in order to protect health of animals and people, are very important aspects.

Identification of pathogen which caused diarrhea enables to correctly chose the method of therapy of a sick calf:

- it enables to precisely select the medicine and a way of treatment;
- shortens duration of treatment and contributes to faster therapeutical effect;
- it reduces costs related to the inadequate use of medicines, prolonged therapy and reduction of the future farming outcome.



### Cryptosporidium Ag



Rapid test for the diagnosis of cryptosporidiosis, based on the immunochromatographic method, allows to determine with high accuracy **the presence of *Cryptosporidium* antigens in the feces of calves**. Single test gives the opportunity to obtain the result within 10 minutes, during the visit.

- *Cryptosporidium* damages the villi of the intestinal tract, causes mixed diarrhea (osmotic-secretory) of varying severity. *Cryptosporidium* is resistant to most drugs and requires therapy targeted, not only of a sick animal!

A single test can be used in treatment monitoring.

**Package: 5 tests**

### Clostridium perfringens Ag



Rapid test for the diagnosis of diarrhea caused by *C. perfringens*, based on the immunochromatographic method. This pathogen:

- causes diarrhea, a rapid rise of temperature and inflammation of the intestines
- it spreads quickly throughout the herd leading to significant economic losses.

Test detects fragments of bacteria and  $\alpha$ -toxin which is produced by them, test specificity is based on the fact of physiological presence of bacteria in the gastrointestinal tract. Test does not show a positive result in healthy animals, the positive result is obtained in case of exceeding the limit of pathogenic bacteria i.e. above  $4,125 \times 10^6$  CFU/ml

The individual test may be performed in order to determine health status of the whole herd.

It enables to plan the preventive measures.

**Package: 5 tests**



## Abbott Ketone Strips

Measurement of ketone body level in cattle is an important tool in diagnostics of subclinical and clinical ketosis. **Measurement of ketone body level in dry period enables to avoid ketosis in lactation.** It should be kept in mind that the measurement 3 days before and 3 days after calving is not reliable. The best way is to collect blood for testing from the tail vein and apply it on a test strip placed in the glucometer as fast as possible.

The strips fit into the glucometer Optium Xido and Optium Xido Neo.



## Abbott Glucose Strips

Original Abbott strips for measurement of glucose level in a blood drop. **Control of glucose level is the key in diagnostics of ketosis as well as in case of lack of appetite in cattle.** Ketosis with paradoxically high level of glucose confirms hyperglycaemia associated with insulin resistance. In such a case, administration of glucose will not improve the condition of a cow. It is essential to administer potassium (e.g. Potassium). It should be supplemented orally.

The strips fit into the glucometer Optium Xido and Optium Xido Neo.



## VetExpert Ketone Strips

Dedicated for use in cattle. Dedicated for measurement of the ketone body level ( $\beta$ -hydroxybutyrate) in blood. The best way is to collect the blood for testing from the tail vein and to apply a few drops on test strip placed in the glucometer as fast as possible. The result is displayed on the screen within a few seconds.

Strips dedicated for a glucometer VetExpert KG Check.



## VetExpert Glucose Strips

Dedicated for use in cattle. Dedicated for measurement of glucose level from blood. The best way is to collect blood for testing from the tail vein and to apply a few drops on a test strip placed in the glucometer as soon as possible. The results are displayed on the screen within a few seconds.

The strips are dedicated for glucometer VetExpert KG Check



## Strips pH – Vet

### SPECIALIST STRIPS TO MEASURE THE PH OF URINE AND RUMEN CONTENT.

Urine pH correlates with DCAD (Dietary Cation-Anion Difference in the feed). High DCAD in the period of calving disturbs mobilization of calcium and leads to hypocalcaemia.

- Correct pH of the urine before calving is around 7.
- Measurement of pH of the rumen contents enables to evaluate health status of the cow in terms of acidosis and alkalosis risk. Correct pH of the rumen is between 5,5 - 6,5.

Package: 100 strips.

## UROTEST-11-VET

### STRIP TEST FOR URINE EXAMINATION

Strips for analysis of 11 basic urine parameters which are useful in daily practice. Easy to use, the results are obtained within one minute. Dedicated for use in urinalysis of all the animal species.

It analyzes following parameters:

1. Leucocytes
2. Ketones
3. Nitrines
4. Urobilinogen
5. Bilirubin
6. Protein
7. Glucose
8. Specific gravity
9. Blood
10. pH
11. Ascorbic acid



## Refractometer



Digital refractometer which enables to measure four parameters:

- the quality of colostrum,
- urine specific gravity,
- transfer of passive immunity,
- the content of dry matter in the milk replacers and milk.

After application of a drop of the tested fluid on the prism, the results are displayed on the screen within a few seconds. Easy to use and easy interpretation of results.

### HOW TO INTERPRET THE MEASUREMENT RESULTS?

- The quality of the colostrum

% Brix	Amount of IgG [g/l]	Colostrum quality	Interpretation
>27	>100	Excellent	Can be used since first feeding (1,5 liter)
>22	>50	Good	Can be used since first feeding (2 liters)
18 - 21	30 – 50	Average	Can be used since second feeding or since first, but with supplementation
≤17	< 30	Poor	Can be used since second day after calving

- Transfer of passive immunity

%Brix (serum)	IgG concentration	Interpretation
7,5	4,5	Very low level, required additional supplementation
8,0	10,1	
8,5	15,6	Sufficient level, recommended additional supplementation
9,0	21,2	
9,5	26,7	Optimum level of immunity transfer
10,0	32,2	
10,5	37,8	High level of immunity transfer
11,0	43,3	
11,5	48,9	
12,0	54,4	

- Counting of the content of dry matter in the milk replacers and milk

Use an equation: %BRIX (of milk replacer or milk) x 0,9984 + 2,077 = DM of milk.

Example: %BRIX = 9

$9 \times 0,9984 + 2,077 = 11\%$

DM of milk = 11%

- Counting of urine specific gravity it is verified on page:

<https://www.brewersfriend.com/brix-converter/>

Obtained on a refractometer the %BRIX result, enter in dedicated field, then it is converted to urine specific gravity.

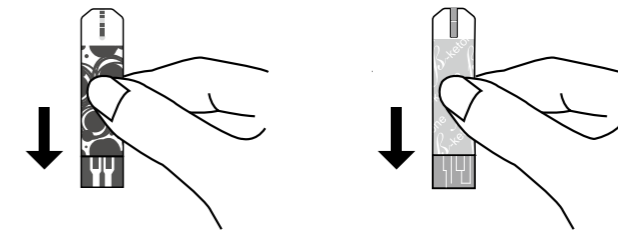
## VetExpert Bovine KG Check glucometer



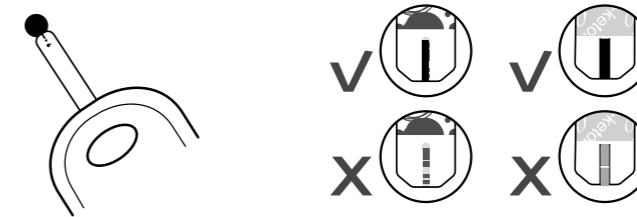
A device for measuring the level of ketone bodies and glucose in the blood of cattle. Control of these indicators is essential in the proper diagnosis and monitoring of ketosis; carrying out the test allows to obtain a quick and precise result from a small amount of blood. The device is compatible with VetExpert B-Keton Test Strip and VetExpert Glucose Test Strip.

### HOW TO MAKE THE TEST?

Insert the test strip into the opening of the device and press downward. Be careful not to touch the test fields at both ends of the strip.



Get enough blood onto the absorbent window. Check that it has been filled in exactly.



After a few seconds, the screen will display blood glucose or blood ketone result.

Last reading will be automatically saved. To turn off the device, just remove the strip. Discard the used strip.





## DEFFICIENCIES

## Anio-Liq



### ANION SALTS TO AVOID MILK FEVER

The source of anion salts, dedicated for use in the pericalving period. It provides components which protect against excessive loss of calcium, magnesium and potassium in this difficult period and enables to avoid milk fever. Thanks to the content of anion salts, it activates release of calcium from the bones and its absorption from the feed.

**Composition:** calcium chloride, magnesium sulfate, potassium chloride, magnesium chloride, calcium phosphate

**Application:** give 1 pc the day before and 1 pc on the day of calving

**Grammage: 500 ml (bottle)**

**Package: 6 bottles**

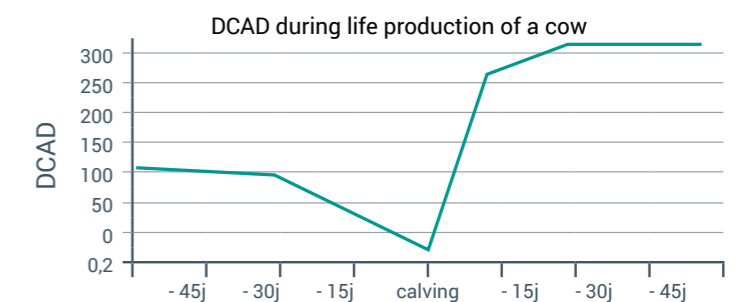
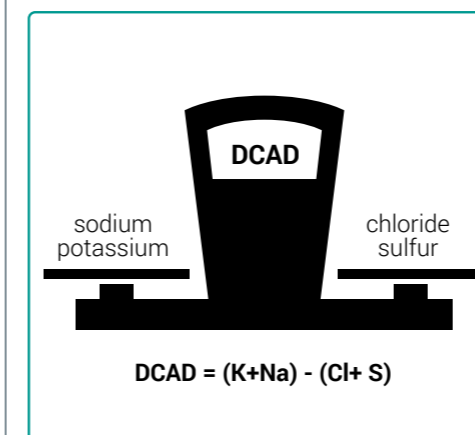
**DCAD = - 2 226,7 mEq/kg of d.m.**



**NEW,  
BETTER  
FORMULATION!**

### DCAD

**DCAD:** Cation-Anion Balance is the difference between addition in the diet of cations (K and Na) and anions (Cl and S). DCAD should decline towards the end of pregnancy and increase right after calving. Urine pH measurement is a very good indicator of the acid-base status of the cow. During dry off period it should be below 7.5. Above this value, the feed ration should be acidified by using products enriched in chlorides and sulfates.



#### DCAD what is it?

**DCAD = cations-anions balance**

**DCAD = (sodium + potassium) - (chlorine + sulfur)**

**low level of DCAD = protection against hypocalcaemia**

**positive impact:** anion salts, calcium chloride, magnesium chloride

**negative impact:** sodium carbonate, lucerne, young grass

The use of anion salts mobilizes releasing calcium from bones and activates its absorption in the gastrointestinal tract. Thanks to this, more calcium circulates in the blood, what reduces the exposure to occurrence of milk fever.

## PHOS-CALC VET



### SOURCE OF PHOSPHORUS AND CALCIUM FOR COWS AFTER CALVING

Supplements the level of phosphorus and calcium in cows after calving, as well as in the period of those nutrients deficiency.

Highly bioavailable source of these macronutrients ensures their proper absorption by the organism.

Hypocalcaemia often occurs with hypophosphataemia, causing parturient paresis of cows and difficulties in their proper functioning.



**NEW!**

- Access to key ingredients and their quick replenishment;
- prevention of milk fever and mineral deficiencies episodes;
- the bioavailability of monosodium phosphate is at the level of 85-90%!
- ingredients are release since 20 minutes after the administration of bolus and goes up to about 6 weeks!

### Digestibility of the cellulose sheath and release of product ingredients:



2 minutes



5 minutes



20 minutes

### Release of bolus components and their effect on blood P and Ca levels in cows (in mg/dl) [n=15]

P before application	P 2 days after application	Ca before application	Ca 2 days after application
3,59	5,20	8,47	10,21



**CALVES**

## OxyCalf



### THE ONLY CALVES' INHALATION OXYGEN ON THE MARKET

The inhalation oxygen is dedicated for calves after a difficult and prolonged parturition or a cesarean section. It improves respiration and enables to start independent respiration within a shorter period of time. It provides an important support in the first hours of life by reducing exposure to respiratory acidosis associated with disturbance of acid and base homeostasis of the body.

**Composition:** 12 l of compressed oxygen with 99,4% purity  
**Application:** wrap the tube around the calf's neck, place the nasal tip in the nostril and unscrew the valve.

**Grammage:** 930 ml (can)  
**Package:** 20 cans



#### Way of use

	<p>1. connect the tube with a can</p>
	<p>2. Put the tube loop on calf's neck</p>
	<p>3. Put the nasal head to the calf's nose and start the oxygen flow.</p>

The oxygen flow rate from the cylinder is regulated by opening/closing the valve. Therefore, any amount of oxygen can be used during a single use.

## Poolmoplex



### PREVENTION AND SUPPORT OF TREATMENT OF BRD

The product which improves function of the respiratory system. It contains encapsulated essential oils: camphoric and eucalyptus – they contribute to dilution of the accumulated secretion and facilitate its expectoration. Thanks to the form of capsules, the oils are more effective; therapy is faster thanks to clearing the airways. Poolmoplex also contains carob flour and yeast which enable to stabilize digestion in calves during the period of product administration.

**Composition:** brewery yeast, fatty acids from palm oil esterified with glycerol, oil and fat of palm and sunflower, meal of dried carob pods, micronized.  
**Additives:** encapsulated camphor oil, encapsulated eucalyptus oil, thymol, tocopherol extracts from vegetable oils  
**Application:** 300 – 800 g/ton of the TMR/daily ration. In individual feeding: 10 g/animal for calves, 15 g/animal for cows.

**Grammage:** 1 kg (bag), 4 kg (bucket)  
**Package:** 20 bags, 1 bucket



#### WHAT DO YOU GAIN?

- faster removal of secretion residual in lungs
- faster and more effective therapeutic effect
- the possibility of using as a prophylaxis to the herd
- convenient feeding with the feed
- optimizing the work of the respiratory system with simultaneous stabilization of digestion (important while using an antibiotic!)





# ACIDOSIS

## BoviComplex



### STABILIZATION OF RUMEN PH, PREVENTION OF KETOSIS AND ACIDOSIS



The product is dedicated for milk cows in the pericalving period. Thanks to stabilization of the rumen pH, it improves functioning of its microbiota which reduces the risk of acidosis. The animals more effectively eat the feed which enables to avoid deterioration of energy balance in the body. During the use of the product, the number of bacteria producing propionates, which are the source of energy for the body, increases. It protects cows against development of ketosis after calving.

- Composition:** cashew seed oils and fats (50%), calcium carbonate (21%);
- Additives:** silic acid, precipitated and dried
- Application:** group feeding: 0.5 kg/ton of TMR. Individual nutrition: 15 g/head mixed with the daily dose.

**Grammage: 1 kg (bag), 4 kg (bucket)**  
**Package: 20 bags, 1 bucket**

BOVICOMPLEX, thanks to the high content of cashew oil, affects positive for the functioning of the rumen microflora by modifying the environment of the rumen and stimulation of the growth of amylyotic and cellulolytic bacteria.

- Prevention of subclinical and clinical acidosis
- better feed intake
- higher production of VFA, especially propionic acid → energy source to prevent ketosis
- improvement of rumen fermentation → higher milk yield





CARE



## CARE PRODUCTS

### Warmbalm



A warming ointment which supports function of the udder. Camphor provides a gentle sensation of warmth, accelerates blood circulation in the gland. Ginger and geraniol improve transport of the components contributing to reduction of oedema and inflammation. Bee wax increases the immunity of the udder. Application of the ointment facilitates the process of therapy and shortens its duration.

**Ingredients:** ginger root extract, citral, geraniol, limonene, camphor, sunflower oil, beeswax, xanthan gum, liquid paraffin  
**Application:** rub into the skin of the udder, especially in cows showing initial symptoms of inflammation. Use after each milking.

**Grammage:** 500 ml  
**Package:** 20 x 500 ml

### Mastibalm



A cooling ointment reduces oedema of the udder in the postcalving period. Thanks to the oils and extracts from comfrey and fir tree, it seals coronary vessels reducing oedema of the udder. Eucalyptus and pepper mint oil reduce skin tension creating coolness and bringing relief.

**Ingredients:** sunflower oil, comfrey root extract, Pichtta oil (Siberian fir), peppermint oil, eucalyptus leaf oil, salicylic acid, limonene  
**Application:** rub into the skin of the udder, especially in cows with postpartum udder swelling. Use after each milking.

**Grammage:** 500 ml  
**Package:** 20 x 500 ml

# StopHorn DEHORNIZATION PASTE



DEHORNIZATION PASTE FOR 4 - 7-DAYS CALVES AND 1 - 2-DAYS LAMBS AND GOATS.



### A practical package:

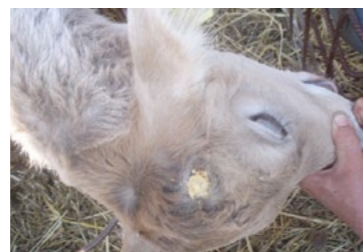
- 1 syringe (10 ml) for 4-6 calves
- closed syringes
- 5 units in one package

### Easy application:

- 1 Cut the hair in the area of horn buds.
- 2 Put a protective glove on.
- 3 Apply about 1 ml of StopHorn paste on the finger. Rub in for 30 seconds into the horn bud.
- 4 Repeat the procedure on the second bud.

Fast and bloodless method. No need to use sedation or painkiller drugs. The bud is nicely dried after 24 hours. After 7 days there is a completely dry skin in the site of buds.

Grammage: 10 ml (syringe)  
Package: 5 syringes



# AluHeal Spray



SKIN CARE AFTER SURGICAL TREATMENTS

Spray with aluminium powder intended for skin care after surgical procedures. It creates an occlusive layer on the wound surface, supporting its healing.



- Calendula extract and hyaluronic acid support the regeneration processes of damaged skin;
- betaine, panthenol and glycerin help to maintain an appropriate level of hydration of the skin, soothe itching and irritation;
- a silver derivative present in the formulation limits the growth of bacteria in the place of application.

**Ingredients:** betaine, glycerin, panthenol, citric acid, silver citrate, hydrolyzed hyaluronic acid, Calendula officinalis flower extract

**Application:** spray on skin after surgical treatments, repeat until it's healed.

Grammage: 200 ml (can)  
Package: 20 cans



SILVER



ALUMINIUM POWDER



CALENDULA EXTRACT



BETAINE

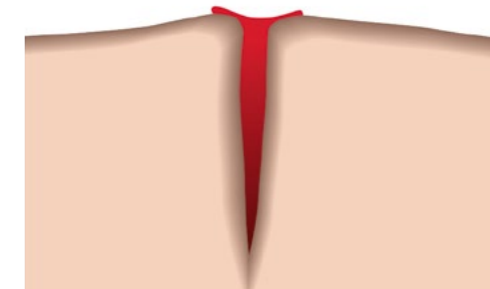


PANTHENOL, GLYCERINE



HYALURONIC ACID

**APPLICATION:**  
Wounds healing by rapid growth,  
e.g. a surgical closure



# VagiFoam



## INNOVATIVE FOAM FOR SKIN REGENERATION

Regenerating and soothing care product in the form of a foam. It is designed to eliminate irritation of the skin of the vulva and vagina resulting from calving. The ingredients of the preparation improve the reconstruction of the epidermis, support the healing of abrasions and protect skin damage against external factors.

The foam form allows the product to stay on the skin for a long time, fully adhere to the reproductive organs and extend the action of the active ingredients. VagiFoam reduces skin tension, moisturizes it and reduces pain sensations, bringing relief.

- Silver citrate and eosin reduce the activity of pathogens, protecting the skin against secondary infections;
- micro-molecular hyaluronic acid and allantoin strengthen the skin and stimulate its reconstruction;
- aloe extract accelerates wound healing, glycerin improves the transport of the product's ingredients deep into the skin.



**NEW!**



SILVER



ALOE



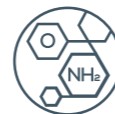
EOSIN



HYALURONIC  
ACID



CITRIC ACID



ALLANTOIN



GLYCERINE

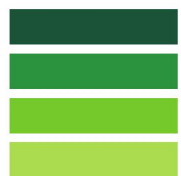
- **PROTECTS**  
the foam form stays on the skin for a long time
- **LIMITS**  
the increase of microorganisms (silver derivative, eosin)
- **MOISTURES AND SOOTHES**  
the tension of irritated skin (allantoin, glycerine)
- **SUPPORTS**  
the regeneration (aloe, hyaluronic acid)



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