



# PRODUCT CATALOG

Production problems under control

SUPPLEMENTARY FEED • BOLUSES • UDDER OINTMENTS

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## IMMUNE SUPPORT IN CALVES



### CALFSTART

• colostrum • supports immunity • better growth • enhances appetite



**PACKAGING:**  
Syringe 15ml

#### INDICATION:

Weak calves, periods of stress, before and after antibiotic treatment.

#### PROPERTIES:

Colostrum increases the body's immunity. Thanks to lactic acid bacteria, the pH flora of the intestines reaches optimal values. Easily absorbed micronutrients (chelates) ensure proper protein and enzyme processes. Vitamins are essential for proper development.

#### COMPOSITION:

Colostrum (BHV1/IBR free), Saccharomyces cerevisiae yeast cell walls (prebiotic - MOS,  $\beta$ -glucan), plant protein hydrolysate, essential oils: echinacea, rosemary. Lactic bacteria: Bacillus licheniformis and subtilis  $6.4 \times 10^8$  CFU.

#### ADDITIVES (in 1kg):

vitamines; micronutrients:

vit. A	1500000 I.U.	vit. B2	48,6mg	biotin	300µg	Fe (chelate)	3250mg
vit. D3	300000 I.U.	vit. B5	95mg	niacin	2700mg	Cu (chelate)	940mg
vit. E	10000mg	vit. B6	50mg	Zn (chelate)	5000mg	I (iodide)	500mg
vit. B1	38,9mg	vit. B12	155µg	Mn (chelate)	4000mg	Se (selenite)	45mg

#### INSTRUCTION FOR USE:

Administer 1 tube (15ml) immediately after birth (day 1-3) to weaker calves or after treatment. Repeat if necessary.



### COLOSTIM - IMMUNO

• supports immunity • less diarrhea and fatal falls



**PACKAGING:**  
Sachets 50g, 400g

#### INDICATION:

Weak calves, poor quality colostrum or no colostrum.

#### PROPERTIES:

IgG and IgY immunoglobulins help protect calves from diseases caused by E. coli, rota and corona viruses, Clostridium, coccidia and cryptosporidia. It reduces the risk of diarrhea and promotes immunity.

#### COMPOSITION:

Colostrum (BHV1/IBR free), egg powder (IgY immunoglobulins), Saccharomyces cerevisiae yeast cell walls (prebiotic - MOS,  $\beta$ -glucan), glucose. Lactobacilli: Bacillus licheniformis and subtilis  $6.4 \times 10^8$  CFU.

#### ADDITIVES (in 1kg):

vitamines; micronutrients:

vit. A	75000 I.U.	vit. C	1050mg	Fe (chelate)	30mg	Se (selenite)	0,5mg
vit. D3	2000 I.U.	vit. E	100mg	Cu (chelate)	4mg		

#### INSTRUCTION FOR USE:

**POOR-QUALITY COLOSTRUM:** Mix 50g in 2-4L of colostrum (1-2h of the calf's life), give to the calf to drink from the bottle or by probe. **LACK OF COLOSTRUM:** dissolve 100g in 2-4L of milk (amount of antibodies as in 2L of colostrum).



### BOVICUR IMMUNO

• regenerates and feeds calves • enhances appetite • better growth and development • less diseases



**PACKAGING:**  
Sachets 100g, 600g  
Buckets 1,5kg, 3kg

#### INDICATION:

Weak calves (reduced immunity), worse growth (diarrhea, food indigestion). Nutritionally after diseases, milk enrichment in calf nutrition.

#### PROPERTIES:

It contains high-value well-absorbed nutrients, gastrointestinal stabilizing factors and easily digestible energy sources. IgG and IgY immunoglobulins help protect calves from diseases caused by E. coli, rota and corona viruses, Clostridium, coccidia and cryptosporidia. It reduces the risk of early diarrhea and promotes immunity.

#### COMPOSITION:

Glucose, whey, carob meal, guar meal, linseed, potato starch, pectin, yeast cell walls, Saccharomyces cerevisiae (prebiotic - MOS and  $\beta$ -glucan), feed yeast, sodium butyrate, potassium chloride, sodium acetate, calcium propionate. Lactic bacteria: Bacillus licheniformis and subtilis  $6.4 \times 10^8$  CFU.

#### ADDITIVES (in 1kg):

vitamines; micronutrients:

vit. A	50000 I.U.	glycine	500mg	Zn (chelate)	100mg	Se (selenite)	0,5mg
vit. D3	10000 I.U.	niacin	200mg	Mn (chelate)	45mg		
vit. C	1000mg	choline (chloride)	10000mg	Cu (chelate)	50mg		
vit. E	50mg	betaine	10000mg	Fe (chelate)	35mg		

#### INSTRUCTION FOR USE:

**IN TREATMENT OR AFTER DIARRHEA:** 100-150g, 2-3x/day to 2-4L milk or water/min. 3-5 days. **ENRICHMENT OF MILK FEEDING:** 50-150g, 1-2x/day to 2-4L of milk for the rearing period. **AUTOMATIC CALF FEEDERS:** 5kg/25kg of milkreplacer.



## PROPER DEVELOPMENT OF CALVES



### VIGOR CALF DRINK

• enhances appetite • better growth and development • strengthens immunity

#### INDICATION:

Weak calves (energy deficiency, poor immunity). Lack of appetite.

#### PROPERTIES:

Nutrients and electrolytes for calves with energy deficiencies that are in a state of malnutrition (insufficient milk intake). Lactobacilli stabilize the gastric and intestinal mucosa.

#### COMPOSITION:

Glucose, fructose, lactose, whey, carob meal, guar meal, echinacea herb, chicory root, sodium and potassium chloride, sodium acetate. Lactic bacteria: Lactic acid bacteria: *Bacillus licheniformis* and *subtilis*  $6.4 \times 10^8$  CFU, *Lactobacillus acidophilus*, *Enterococcus faecium*, *Pediococcus acidilactici*, *Lactobacillus casei*  $1.6 \times 10^{11}$  CFU.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	100000 I.U.	niacin	1000mg	Zn (chelate)	100mg	Se (selenite)	0,5mg
vit. D3	20000 I.U.	betaine	2500mg	Mn (chelate)	45mg		
vit. C	6000mg	glycine	2500mg	Cu (chelate)	50mg		
vit. E	50mg	choline (chloride)	2000mg	Fe (chelate)	35mg		

#### INSTRUCTION FOR USE:

**CALVES - LACK OF APPETITE:** 100g/head 1x day/1-2 days. **CONDITION IMPROVEMENT:** 50-100g/head 1x day/3-5 days.

**CALVES AFTER DISEASE:** 100g/head 2x day/min. 5 days in 2-4L milk or water.

**PREVENTIVE:** 50g/head on day 2-4 of life, repeat after 3-4 days.



#### PACKAGING:

Sachets 100g, 500g  
Bucket 3kg



### VIGORPAST

• enhances appetite • better growth and development • strengthens immunity

#### INDICATION:

Weak calves (energy deficiency, poor immunity). Lack of appetite.

#### PROPERTIES:

Nutrients, vitamins and plant extracts for calves with energy deficiency. IgY immunoglobulins help protect calves from diseases (*E. coli*, rota and corona viruses, *Clostridium*, coccidia and cryptosporidia).

#### COMPOSITION:

Glucose, fructose, lactose, egg powder (IgY immunoglobulins), *Saccharomyces cerevisiae* yeast cell walls (prebiotic - MOS,  $\beta$ -glucan), vegetable glycerin, plant extracts (oregano, rosemary, thyme).

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	100000 I.U.	vit. E	50mg	taurine	5000mg	Cu (chelate)	50mg
vit. D3	20000 I.U.	betaine	1000mg	Zn (chelate)	100mg	Mn (chelate)	45mg
vit. C	6000mg	glycine	2500mg	Fe (chelate)	30mg	Se (selenite)	0,5mg

#### INSTRUCTION FOR USE:

**CALVES - LACK OF APPETITE:** 25-50ml/head 1x day/1-2 days. **CONDITION IMPROVEMENT:** 50ml/head 1x day/3-5 days.

**CALF AFTER SICKNESS:** 50ml/head 2x day/min. 5 days.



#### PACKAGING:

Syringe 100ml



### BOVI CALVIMIX

• enhances appetite • regenerates and feeds calves

#### INDICATION:

Weak calves (reduced immunity). Worse growth rates.

#### PROPERTIES:

Contains IgY antibodies, nutrients. Supports immunity and prevents early diarrhea (*E. coli*, rota- and coronaviruses, clostridia, coccidia and cryptosporidia). Lactobacilli stabilize the gastric and intestinal mucosa.

#### COMPOSITION:

Glucose, whey, carob meal, guar meal, linseed, potato starch, pectin, *Saccharomyces cerevisiae* yeast cell walls (prebiotic - MOS,  $\beta$ -glucan), feed yeast, sodium butyrate, sodium and potassium chloride, sodium acetate, calcium propionate. Lactic bacteria: *Bacillus licheniformis* and *subtilis*  $6.4 \times 10^8$  CFU.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	150000 I.U.	vit. E	300mg	glycine	10000mg	Fe (chelate)	400mg
vit. D3	25000 I.U.	niacin	500mg	betaine	10000mg	Se (selenite)	0,25mg
vit. C	1000mg	choline (chloride)	200mg	Zn (chelate)	250mg		

#### INSTRUCTION FOR USE:

**CALVES WITH DIARRHEA OR AFTER TREATMENT:** 100-150g/2x daily in water, milk or milk replacer (38°C) for 7-14 days. **PREVENTIVE FROM 5-7 DAYS OF LIFE:** 1-2x daily in for the rearing period until 4 months of age). **YOUNGER CALVES:** 50-100g to 2-4L of milk or milk replacer. **OLDER CALVES:** 100-150g to 2-4L of milk or milk replacer.

**AUTOMATIC CALF FEEDERS:** 5kg/25kg of milk replacer.



#### OPAKOWANIA:

Buckets 1,5kg, 3kg  
Bag 25kg





## ACIDIFIERS AND COLONIZERS



### MILKOCID

• acidifies milk for calves • stabilizes physiological digestive function

#### INDICATION:

Diarrhea, dehydration, abnormal digestion of milk (dyspepsia), inadequate drinking hygiene.

#### PROPERTIES:

It prevents diarrhea and replenishes electrolytes. Thanks to organic acids, it causes acidification of milk (ensures proper "shear") and guarantees its high hygiene. By lowering the pH, it allows the digestive tract to function optimally. It is readily taken by animals.

#### COMPOSITION:

Lactose, sodium and potassium chloride, lactic acid, citric acid, orthophosphoric acid, formic acid, silica, sepiolite.

Sodium (Na)	6,78%	Potassium (K)	1,57%	Chlorides	5,98%	Sugars	26,2%
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#### INSTRUCTION FOR USE:

Add to milk or milk replacer (temp 40°C).

**CALVES WITH DIARRHEA OR RECONVALESCENTS:** During or after diarrhea 50g/25L milk.

**PREVENTING DIARRHEA IN CALVES:** 10-20g/25L of milk.

**AUTOMATIC CALF FEEDERS:** 100-200g/25kg of milk replacer.

Can be used throughout the rearing period (milk drinking).

**NOTE** Prepare the solution immediately before each drinking of calves.

The process of milk acidification is very fast (about 1-2 minutes after dissolving the preparation).



#### PACKAGING:

Container 200g

Sachet 1kg

Bucket 3kg



### FLORA CALF

• supports microflora development in calves • stabilizes physiological digestive function

#### INDICATION:

In case of risk of digestive disorders, during digestive disorders, and after past disorders. Supporting the formation of protective barrier in the intestines.

#### PROPERTIES:

It populates the intestines of calves with a specially selected set of probiotic bacteria, whose action includes lowering the pH. They form a protective barrier in the digestive tract, which does not allow the growth of bacteria that cause digestive disorders. Vitamin C seals epithelia and reduces the negative effects of stress.

#### COMPOSITION:

Lactose. Lactic acid bacteria: *Bacillus licheniformis* and *Bacillus subtilis*  $8 \times 10^9$  CFU, *Lactobacillus acidophilus*, *Enterococcus faecium*, *Pediococcus acidilactici*, *Lactobacillus casei*  $9 \times 10^{12}$  CFU.

#### ADDITIVES (in 1kg): vitamins:

vit. C 250000mg

#### INSTRUCTION FOR USE:

**CALVES:** 1-5g/head/day with feed, milk or drinking water.

**NOTE** Use up to 3 months of age max.



#### PACKAGING:

Container 200g

Sachet 1kg

Bucket 3kg



### MULTILAC

• supports microflora development in pigs, poultry and pigeons • stabilizes physiological digestive function

#### INDICATION:

Preventing diarrhea, supporting the formation of a protective barrier in the intestines.

#### PROPERTIES:

It introduces a specially selected set of microorganisms into the intestinal environment, whose action includes lowering the pH. The microorganisms form an immune barrier in the gastrointestinal tract inhibiting the development of diseases caused by pathogens. Vit. C seals epithelia and reduces the negative effects of stress.

#### COMPOSITION:

Lactose. Lactic acid bacteria: *Bacillus licheniformis* and *Bacillus subtilis*  $8 \times 10^9$  CFU, *Lactobacillus acidophilus*, *Enterococcus faecium*, *Pediococcus acidilactici*, *Lactobacillus casei*  $9 \times 10^{12}$  CFU.

#### ADDITIVES (in 1kg): vitamins:

vit. C 5000mg

#### INSTRUCTION FOR USE:

**PIGLETS:** 100-200g/1000L water or with feed 100-200g/1T.

**PIGLETS:** Insertion: for 7 days, weaning: 5 days before and 5 days after weaning, after antibiotics: 3-5 days.

**POULTRY:** Laying, chicken and turkey broilers 100-200g/1000L drinking water.

Insertion of chicks or after antibiotics: 3-5 days.

**PIGEONS:** 1-2g/10L of drinking water.



#### PACKAGING:

Container 200g

Sachet 1kg

Bucket 3kg



## CARBODIAR

• reduces the occurrence of diarrhea in calves and foals • stabilizes digestive processes



**PACKAGING:**  
Syringe 100ml

### INDICATION:

Food indigestion (diarrhea).

### PROPERTIES:

Replenishes electrolytes to stabilize the body's water balance. Vegetable charcoal and bentonite adsorb aggressive agents and toxins. They form a protective layer on the irritated mucosa, helping to restore the natural mucous layer. Extracts of medicinal plants optimize digestive processes and reduce intestinal peristalsis.

### COMPOSITION:

Vegetable charcoal, sodium and potassium chloride, vegetable glycerin, essential oils (clove, rosemary, thyme).

### ADDITIVES (in 1kg):

bentonite 200000mg

### INSTRUCTION FOR USE:

Administer orally 2x daily in the morning and evening/1-3 days.

**CALVES:** 20ml/head.

**FOALS:** 30ml/head.



## COFIX

• reduces the occurrence of diarrhea in calves and piglets • naturally reduces the risk of diarrhea



**PACKAGING:** Sachets 160g, 800g  
Bucket 3kg

### INDICATION:

Food indigestion (diarrhea), transportation, technological grouping.

### PROPERTIES:

Designed for animals with intestinal problems. Quickly and effectively reduces the risk of diarrhea. Content of electrolytes, pectin and tannins reduces dehydration and penetration of microorganisms into the intestinal epithelium. Regulates intestinal transit by thickening diluted feces. Prevents destruction of intestinal mucosa and weight loss.

### COMPOSITION:

Roasted cereal grains, pectin, carob meal, hydrolyzed tannins from Castanea sativa Mill., potato starch, chicory root, chamomile flower, willow bark, yeast walls (prebiotic - MOS and  $\beta$ -glucan), sodium and potassium chloride, sodium acetate, glucose, calcium propionate, bentonite.

### ADDITIVES (in 1kg):

vit. C 2000mg glycine 5000mg

### INSTRUCTION FOR USE:

**CALVES WITH DIARRHEA:** 50g/head 2x daily/2 days to water or milk.

**PREVENTIVE:** 20g/head/day/3-5 days.

**ADULT CATTLE:** 100-150g/head 2x/day/2 days.

**SUCKLING PIGLETS:** 5g/head 2x daily/2 days to water or milk.

**OLDER PIGLETS:** preventively 0.5% to 1.0%/feed/3-7 days.

**NOTE:** There is no need to stop the milk supply.



## PECTOFEED PLUS

• reduces the occurrence of diarrhea in calves • stabilizes digestion • prevents dehydration • feeds



**PACKAGING:**  
Sachets 100g, 1kg  
Bucket 3kg

### INDICATION:

Digestive disorders (digestive indigestion, diarrhea in calves, transportation, stress).

### PROPERTIES:

It quickly stabilizes the digestive tract. Pectin and specially modified starch, swell to absorb water by forming a protective layer over the intestines. Easily digestible nutrients keep the calf in good condition, and electrolytes prevent dehydration. Its appetizing smell and taste makes it eagerly taken by calves. When administered during emergencies, it effectively reduces the risk of diarrhea.

### COMPOSITION:

Glucose, pectin, carob meal, starch gel, whey powder, wheat starch, sodium and potassium chloride, sodium bicarbonate, sodium acetate.

### ADDITIVES (in 1kg):

vit. A	50000 I.U.	vit. E	100mg	glycine	30000mg	Cu (chelate)	50mg
vit. D3	10000 I.U.	niacin	450mg	Zn (chelate)	100mg	Fe (chelate)	60mg
vit. C	1000mg	choline (chloride)	250mg	Mn (chelate)	45mg	Se (selenite)	0,5mg

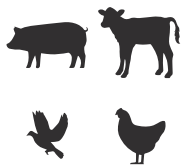
### INSTRUCTION FOR USE:

**CALVES WITH DIARRHEA:** 100g/head 2x daily in 2L of warm water or milk for 1-2 days.

**PREVENTIVE:** 50g/head 1x daily/3-5 days.

**AUTOMATIC CALF FEEDERS:** 3kg/25kg of milk replacer.

**NOTE:** There is no need to stop the milk supply.



## ULTRADIAR

• reduces the occurrence of diarrhea • stabilizes digestion • protects the digestive tract

### INDICATION:

Digestive disorders (indigestion, diarrhea in cattle, pigs, poultry and pigeons), changes in feeding.

### PROPERTIES:

It quickly stabilizes the digestive tract. Pectin and plantain seeds swell to absorb water, forming a layer that shields the intestines. Vegetable charcoal and natural tannins weaken the action of harmful bacteria, form complexes with toxins and cause their removal from the digestive tract. Easily absorbed energy keeps the calf in good condition, and electrolytes prevent dehydration.

### COMPOSITION:

Glucose, hydrolyzed tannins from Castanea sativa Mill., plantain seeds, carob meal, vegetable charcoal, pectin, wheat starch, potato starch, sodium and potassium chloride, sodium bicarbonate.

### INSTRUCTION FOR USE:

**CALVES WITH DIARRHEA:** 100g 2x/day in 2L of warm water or milk.

**PIGS (OLDER PIGLETS):** 2-4kg per 1T of feed for 5-7 days.

**PREVENTIVE:** (weaning - 14-21 days of age) 3.5kg per 1T of feed.

**POULTRY:** 0.5-1.5kg per 1T of feed/5-7 days.

**PIGEONS:** 5g/1kg of feed/3-5 days.

**NOTE:** After mixing the product with water or milk, give within 15min.



### PACKAGING:

Sachets 100g, 1kg  
Bucket 3kg



## DIAFAX PRO

• reduces the occurrence of diarrhea in calves • stabilizes digestion • protects the digestive tract

### INDICATION:

Digestive disorders (diarrhea of various etiologies, indigestion, dehydration).

### PROPERTIES:

It quickly stabilizes the digestive tract. Pectin and plantain seeds swell to absorb water, forming a protective layer for the intestines. Electrolytes prevent dehydration and lactobacilli stabilize the mucosa of the digestive tract and protect against diarrhea. Vitamins C and E help maintain physiological functions and stimulate the immune system. Amino acids help restore the intestinal mucosa.

### COMPOSITION:

Glucose, fructose, plantain seeds, carob meal, pectin, sodium and potassium chloride, sodium bicarbonate. Lactic bacteria: Bacillus licheniformis and subtilis  $6.4 \times 10^8$  cfu, Lactobacillus acidophilus, Enterococcus faecium, Pediococcus acidilactici, Lactobacillus casei  $1.6 \times 10^{11}$  CFU.

**ADDITIVES (in 1kg):** vitamins; amino acids:

vit. E	2000mg	niacin	6000mg	betaine	2500mg
vit. C	6000mg	glycine	2500mg		

### INSTRUCTION FOR USE:

Usually administration for 1-2 days is sufficient.

If necessary, it can be administered for several more days.

**CALVES WITH DIARRHEA:** 100g/head/2x day/2L water or milk (temp. 38°C). **PREVENTIVE:** 50g/head 1x daily.

**NOTE:** There is no need to stop the administration of milk.

After mixing the formula with water or milk, give within 15min.



### PACKAGING:

Sachets 100g, 1kg  
Bucket 3kg



## KAOPECTAN - emulsion

• reduces the occurrence of diarrhea in cattle and horses • stabilizes digestion • absorbs toxins

### INDICATION:

Digestive disorders (food indigestion, diarrhea).

### PROPERTIES:

A liquid mixture designed for animals with intestinal problems. It quickly stabilizes digestive processes and promotes faster recovery. Contains pectin, natural tannins and kaolin clay. Reduces the risk of putrefactive processes in the stomach and intestines.

### COMPOSITION:

Hydrolyzed tannins from Castanea sativa Mill., pectin, glucose syrup, sodium propionate.

### ADDITIVES (in 1kg):

kaolin clay	200000mg
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### INSTRUCTION FOR USE:

Administer the mixture orally from the first symptoms of digestive disorders (diarrhea) until they subside.

**CALVES AND FOALS:** 50-100ml/head 1-2 times a day.

**CATTLE AND HORSES (ADULTS):** 150-250ml/head 1-2 times a day.

**CAUTION:** shake hard before use!!!

Do not give to animals lying down and with disturbed swallowing reflex.



### PACKAGING:

Bottle 500ml



## KRYPTOGEL

• reduces the occurrence of diarrhea in calves • stabilizes digestion • supports immunity



**PACKAGING:**  
Syringe 100ml

### INDICATION:

Weak calves, risk of dangerous diseases. Digestive disorders (diarrhea).

### PROPERTIES:

Immunoglobulins from hen eggs (IgY), colostrum (IgG, IgM and IgA) and prebiotics (yeast walls containing MOS,  $\beta$ -glucan) are natural and highly effective immune stimulants. They support immunity and reduce the risk of early diarrhea occurring against an infectious background. The preparation strengthens the protection of calves against diseases caused, for example, by cryptosporidia and coccidia, E. coli, rota- and coronaviruses. The medicinal plant extracts contained in the preparation strengthen the body's natural immunity.

### COMPOSITION:

Glucose, colostrum (IBR free), egg powder (IgY immunoglobulins), Saccharomyces cerevisiae yeast cell walls (prebiotic - MOS and  $\beta$ -glucan), carob meal, vegetable carbon, hydrolyzed tannins from Castanea sativa Mill., glycerin vegetable, extracts and oils from plants: garlic, oregano, rosemary, thyme, clove, eucalyptus.

### INSTRUCTION FOR USE:

Administer the preparation orally, 1-2x daily/1-2 days.

**CALVES:** 50-100ml/head

**YOUTH, HEIFERS:** 100ml/head



## KRYPTODIAR

• reduces the occurrence of diarrhea in calves • stabilizes digestion • supports immunity



**PACKAGING:**  
Sachets 250g, 1kg  
Bucket 2,5kg

### INDICATION:

Weak calves, reduced immunity, risk of dangerous diseases. Digestive disorders (diarrhea).

### PROPERTIES:

Immunoglobulins from hen's eggs (IgY), colostrum (IgG, IgM and IgA) and prebiotics (yeast walls containing MOS,  $\beta$ -glucan) are natural and highly effective immune stimulants. Immunoglobulins from colostrum and hen egg yolk support immunity and reduce the risk of early diarrhea arising from an infectious background. The preparation strengthens the protection of calves against diseases caused, for example, by cryptosporidia and coccidia, E. coli, rota- and coronaviruses. The medicinal plant extracts contained in the preparation strengthen the body's natural immunity.

### COMPOSITION:

Glucose, Saccharomyces cerevisiae yeast cell walls (prebiotic - MOS and  $\beta$ -glucan), carob meal, colostrum (IBR free), egg powder (IgY immunoglobulins), vegetable carbon, hydrolyzed tannins from Castanea sativa Mill., plant extracts: garlic, oregano, rosemary, thyme, clove, eucalyptus.

### INSTRUCTION FOR USE:

**CALVES AFTER BIRTH:** give 25g/head with milk or water to each calf in the herd.

Repeat after 3-5 days.

**CALVES WITH DIARRHEA:** 25-50g/head 2-3x/day/1-3 days.

**NEWLY INTRODUCED CALVES:** 50g/head. Repeat after 3-5 days.



## KAROBIX

• reduces the occurrence of diarrhea in calves • stabilizes digestive processes • provides energy



**PACKAGING:**  
Sachets 100g, 1kg  
Bucket 3kg

### INDICATION:

Digestive disorders (digestive indigestion, diarrhea in calves, transportation, stress).

### PROPERTIES:

It quickly stabilizes the digestive tract and effectively reduces the risk of diarrhea. Pectin, plantain seeds and starch, swell to absorb water and form a protective layer for the intestines and electrolytes prevent dehydration. Easily digestible nutrients keep the calf in good condition, Appetizing smell and taste makes it readily taken by calves with symptoms of diarrhea.

### COMPOSITION:

Roasted cereal grains, pectin, carob meal, hydrolyzed tannins from Castanea sativa Mill., potato starch, chicory root, chamomile, willow bark, prebiotic (MOS and  $\beta$ -glucan), sodium chloride, potassium chloride, sodium acetate, dextrose (glucose), calcium propionate.

### ADDITIVES (in 1kg): amino acids:

glycine

5000mg

### INSTRUCTION FOR USE:

**CALVES WITH DIARRHEA:** 100g 2x/day in 2L of warm water or milk (temp. 38°C).

**PREVENTIVE:** 50g 1x/day dissolve in milk (temp. 38°C).

**AUTOMATIC CALF FEEDERS:** 3kg/25kg of milk replacer.

Usually feeding the product for 1-2 days is sufficient.

If necessary, administer for several consecutive days.

The use of the product can be started after the colostrum feeding period.

**NOTE:** There is no need to stop the administration of milk.





## CASTODIAR

• reduces the occurrence of diarrhea in cattle (developed rumen) • stabilizes digestion



### PACKAGING:

Syringe 100ml

#### INDICATION:

Indigestion (digestive disorders, dietary changes). Diarrhea of various causes.

#### PROPERTIES:

Natural tannins, carob meal and bentonite, have an astringent and sealing effect on the mucosa. They adsorb toxins and reduce the risk of diarrhea. The herbal ingredients have a beneficial effect on the digestive tract. The formula supplements electrolytes to stabilize the body's water balance.

#### COMPOSITION:

Hydrolyzed tannins from Castanea sativa Mill., tormentil, thyme herb, willow bark, carob meal, vegetable glycerin, propylene glycol, sodium and potassium chloride, sodium propionate.

#### ADDITIVES (in 1kg):

bentonite 30000mg

#### INSTRUCTION FOR USE:

Administer the preparation orally, 1-2x daily/1-2 days.

**COWS:** 50-100ml/head

**YOUTH, HEIFERS:** 100ml/head



## DIARTOX

• reduces the occurrence of diarrhea in cattle, pigs and poultry • stabilizes digestion • binds toxins

#### INDICATION:

Digestive disorders (diarrhea).

#### PROPERTIES:

A mixture for animals with intestinal problems. Vegetable charcoal and saponite adsorb aggressive agents and toxins. Pectin and natural tannins contained in oak bark and horse chestnut have an astringent and sealing effect on the mucosa of the gastrointestinal tract. The herbs regulate the work of the digestive tract and reduce the risk of diarrhea. Supports the treatment of diarrhea and facilitates faster recovery.

#### COMPOSITION:

Plantain seeds, hydrolyzed tannins from Castanea sativa Mill., vegetable charcoal, pectin, ginger root, oak bark, willow bark, calcium carbonate.

#### ADDITIVES (in 1kg):

kaolin clay 250000mg bentonite 250000mg

#### INSTRUCTION FOR USE:

Administer after dissolving in a small amount of water (0.5-1L) or with feed.

**YOUNG AND ADULT CATTLE:** 50-100g/head/day/2-3 days.

**CALVES:** 30g/head/day/2-3 days.

**PIGS (PIGLETS):** 2-4kg/1T feed/5-7 days.

**PREVENTIVE:** (weaning - 14-21 days of age): 2kg/1T of feed.

**SOWS:** 2kg/1T feed/7-10 days.

**POULTRY:** 1-2kg/1T feed/5-7 days.



### PACKAGING:

Sachets 100g, 1kg  
Bucket 3kg



## Q-TAN FORTE

• reduces the occurrence of diarrhea in cattle (developed rumen) • stabilizes digestion

#### INDICATION:

Digestive disorders (diarrhea).

#### PROPERTIES:

Pectins and natural tannins contained in oak bark and horse chestnut, as well as carob meal, have an astringent and sealing effect on the mucous membrane of the digestive tract. The herbs regulate the digestive tract and reduce the risk of diarrhea. Aluminosilicates have adsorptive and detoxifying properties. Live yeast participates in the restoration and influences the proper functioning of the flora of the rumen.

#### COMPOSITION:

Oak bark, tormentil, chamomile flower, oregano, thyme herb, calamus rhizome, willow bark, pectin, hydrolyzed tannins from Castanea sativa Mill., carob meal, glucose, calcium propionate. Live yeast *Saccharomyces cerevisiae* NCYC R404 10x10<sup>9</sup> CFU.

#### ADDITIVES (in 1kg):

zeolite 25000mg bentonite 70000mg

#### INSTRUCTION FOR USE:

Dissolve the appropriate amount in 1-2L of warm water, give orally by bottle or probe.

Can be given with feed 1-2g/10kg b.w. for 2-3 days.

**COWS:** acute diarrhea - 100g/head. Indigestion - 50g/head

**YOUNG:** acute diarrhea - 50g/head. Indigestion - 25g/head



### PACKAGING:

Sachets 120g, 600g  
Bucket 3kg



## STOPOMIX FORTE

• reduces the risk of diarrhea in cattle, pigs, poultry and pigeons • stabilizes digestion

### INDICATION:

Digestive disorders (indigestion, dietary changes, diarrhea).

### PROPERTIES:

Pectin and plantain seeds swell to absorb water and shield the intestinal mucosa. Vegetable charcoal and tannins weaken the action of bacteria and electrolytes prevent dehydration.

### COMPOSITION:

Hydrolyzed tannins from Castanea sativa Mill., plantain seeds, carob meal, glucose, willow bark.

### ADDITIVES (in 1kg):

bentonite 30000mg

### INSTRUCTION FOR USE:

**COWS:** 100g/head/2-3 days. **CALVES:** 10-30g/head/day/2-3 days.

**PIGS (PIGLETS):** 2-4kg/ 1T feed/5-7 days.

**PREVENTIVE:** (weaning - 14-21 days of age): 3.5kg/1T of feed.

**SOWS AND PIGS FOR FATTENING:** 2-3.5kg/1T of feed/7-10 days.

**POULTRY:** 0,5-1,5kg/1T feed/5-7 days.

**PIGEONS:** 5g/1kg feed/3-5 days.

### PACKAGING:

Sachets 100g, 1kg  
Bucket 3kg



## DIA-MIX FORTE

• reduces the occurrence of diarrhea in cattle • stabilizes and stimulates digestion • binds toxins

### INDICATION:

Diarrhea of various origins. Indigestion - disorders of the gastrointestinal tract (rumen and intestines).

### PROPERTIES:

Vegetable charcoal, bentonite and saponite adsorb aggressive agents and toxins. Plantain seeds, pectin and natural tannins show an astringent and sealing effect on the mucous membrane of the digestive tract. Herbs regulate work of the digestive tract and reduce the risk of diarrhea. Live yeast participates in the restoration and influences the proper functioning of the flora of the rumen.

### COMPOSITION:

Plantain seeds, hydrolyzed tannins from Castanea sativa Mill., vegetable charcoal, pectin, ginger root, oak bark, tormentil, chamomile, oregano, thyme, calamus, willow bark), carob meal, glucose, calcium propionate, calcium carbonate. Live yeast *Saccharomyces cerevisiae* NCYC R404 10x10<sup>9</sup> CFU.

### ADDITIVES (in 1kg):

kaolin clay 11200mg bentonite 20000mg saponite 20000mg zeolite 20000mg

### INSTRUCTION FOR USE:

Feed after dissolving in a small amount of water (0.5-1L) or with feed.

**COWS:** 100g/head/day/2-3 days.

**CATTLE (YOUNGSTERS AND HEIFERS):** 50-100g/head/day/2-3 days.

**CALVES (OVER 6 WEEKS OLD):** 30g/head/day/2-3 days.

### PACKAGING:

Sachets 100g, 500g, 1kg  
Bucket 3kg



## CARBOMIX

• reduces the occurrence of diarrhea in cattle, pigs and poultry • stabilizes digestion • binds toxins

### INDICATION:

Diarrhea in cattle, pigs and poultry (of various origins - changes in nutrition, bacterial and viral background).

### PROPERTIES:

Vegetable charcoal and bentonite adsorb aggressive agents and toxins. Natural tannins contained in oak bark and zinc oxide show an astringent and sealing effect on the mucous membrane of the digestive tract. The product supports the treatment of diarrhea and facilitates faster recovery. Effective for non-infectious diarrhea.

### COMPOSITION:

Vegetable charcoal, oak bark.

### ADDITIVES (in 1kg): micronutrients:

zinc oxide 75000mg bentonite 599000mg

### INSTRUCTION FOR USE:

Administer after dissolving in a small amount of water (0.5-1L) or with feed.

**CATTLE (YOUNG AND ADULT):** 25-50g/head/day/2-3 days.

**COWS:** 50g/head/day/2-3 days.

**CALVES:** 25g/head/day/2-3 days or 1-2kg/1T of feed/5-7 days.

**PIGS (PIGLETS AND PIGLETS):** 1-2kg/1T of feed for 5-7 days.

Preventively (weaning 14-21 days of age): 1.5kg/1T of feed.

**SOWS:** 1.5kg/1T of feed/7-10 days.

**POULTRY:** 1-2kg/1T of feed/5-7 days.

### PACKAGING:

Sachet 1kg  
Bucket 3kg  
Bag 25kg





# REHYDRATION - ELECTROLYTE SUPPLEMENTATION



## ELECTROGEL - concentrate

• gel for rehydration of calves and piglets • provides electrolytes and energy



**PACKAGING:**  
Bottle 500ml

### INDICATION:

Diarrhea, dehydration of the body.

### PROPERTIES:

It quickly replenishes lost electrolytes and energy. Glycine helps regenerate damaged epithelia and promotes efficient absorption of electrolytes. Vitamin C seals epithelia and reduces the negative effects of stress.

Glucose, sodium bicarbonate, vegetable glycerin, glucose syrup, sodium and potassium chloride, sodium acetate, sodium citrate, citric acid.

**ADDITIVES (in 1kg):** vitamins; amino acids:

vit. C	10000mg	glycine	2500mg	betaine	2500mg
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Sodium (Na)	5,9%	Potassium (K)	1,9%	Chlorides	4,3%	Sugars	34,0%
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### INSTRUCTION FOR USE:

**SOLUTION PREPARATION:** 50ml/1-2L water or milk (37°C).

**CALVES:** 1-2L of solution 2-3x/day/2-3 days.

**SUCKLING PIGLETS:** 1-2L of solution/litter 2-3x/day/2-3 days. **WEANED PIGLETS:** 0.25-0.5L of solution/head/2-3 days.

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



## ELECTROVIT

• electrolytes for calves, piglets and poultry • stabilizes the body's water-electrolyte balance



**PACKAGING:**  
Sachets 120g, 800g  
Bucket 3kg

### INDICATION:

Diarrhea, dehydration of the body.

### PROPERTIES:

It quickly replenishes electrolytes and energy, restores water and electrolyte balance to normal. Glycine promotes regeneration of damaged epithelia and vitamin C seals epithelia.

### COMPOSITION:

Glucose, sodium bicarbonate, lactose, sodium and potassium chloride, sodium acetate, citric acid.

**ADDITIVES (in 1kg):** vitamins; amino acids:

vit. C	200000mg	glycine	10000mg
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Sodium (Na)	5,8%	Potassium (K)	1,8%	Chlorides	4,2%	Sugars	33,0%
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### INSTRUCTION FOR USE:

**SOLUTION PREPARATION:** 30g/1-2L of water.

**CALVES:** 1-2L of solution 2-3x daily/2-3 days. **COWS:** 80g/head/10-20L water/1-2 days.

**SUCKLING PIGLETS:** 1-2L of solution/litter 2-3x/day/2-3 days. **WEANED PIGLETS:** 0.25-0.5L solution/head/2-3 days.

**FINISHER PIGS:** 30g/10-30L of water 2x/day. **SOWS, BOARS:** 40g/head.

**POULTRY:** 100g/500L of water (high temperatures 150-200g/500L of water).

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



## ELECTROLAC PRO

• electrolytes with probiotic for calves, piglets and pigeons • populates with beneficial microflora



**PACKAGING:**  
Sachets 120g, 800g  
Bucket 3kg

### INDICATION:

Diarrhea, dehydration of the body.

### PROPERTIES:

Quickly replenishes electrolytes and energy, restores the pH of the digestive tract to normal. Amino acids promote regeneration of damaged epithelium. Lactobacilli support the development of a beneficial flora of the digestive tract.

### COMPOSITION:

Glucose, sodium citrate, sodium acetate, sodium and potassium chloride, sodium propionate, sodium bicarbonate, citric acid. Lactic acid bacteria: *Bacillus licheniformis* and *subtilis*  $6.4 \times 10^8$  CFU, *Lactobacillus acidophilus*, *Enterococcus faecium*, *Pediococcus acidilactici*, *Lactobacillus casei*  $1.6 \times 10^{11}$  CFU.

**ADDITIVES (in 1kg):** amino acids:

glycine	10000mg	betaine	10000mg
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Sodium (Na)	11,9%	Potassium (K)	5,4%	Chlorides	7,4%	Sugars	30,0%
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### INSTRUCTION FOR USE:

**SOLUTION PREPARATION:** 40g/1-2L water or milk (38°C).

**CALVES:** 1-2L of solution 2-3x/day/2-3 days. **SUCKLING PIGLETS:** 1-2L of solution/litter 2-3x/day/2-3 days.

**WEANED PIGLETS:** 0.25-0.5L of solution/head/2-3 days. **PIGEONS:** 10g of preparation per 10L of water/1-7 days..

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



## REHYDRATION - ELECTROLYTE SUPPLEMENTATION



### ELECTRO - tablets

• **electrolytes for calves, piglets and pigeons** • **stabilizes water-electrolyte balance**

#### INDICATION:

Diarrhea, dehydration of the body.

#### PROPERTIES:

It quickly replenishes sodium, potassium, magnesium and energy deficiencies and restores water-electrolyte balance. Glycine presence helps regenerate damaged intestinal epithelium.

#### COMPOSITION:

Lactose, glucose, sodium bicarbonate, sodium and potassium chloride.

#### ADDITIVES (in 1kg): amino acids:

glycine	30000mg	betaine	15000mg
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Sodium (Na)	5,9%	Potassium (K)	1,6%	Chlorides	8,8%	Sugars	43,0%
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#### INSTRUCTION FOR USE:

**SOLUTION PREPARATION:** 1 tablet/2-4L of water or milk.

**CALVES:** 2-4L of solution/head 2-3x/day/2-3 days.

**SUCKLING PIGLETS:** 1-2L of solution/piece/day/2-3 days. **WEANED PIGLETS:** 0.25-0.5L solution/head/day/2-3 days.

**FINISHER PIGS, GILTS:** 1 tablet/10-30L of water/2x/day/1-2 days.

**PIGEONS:** 1 tablet/50L of water/1-7 days.

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



#### PACKAGING:

Bucket

Tablets 15pcs. 50g each



### ELECTRO PRO - tablets

• **electrolytes with probiotic for calves, piglets and pigeons** • **populates with beneficial microflora**

#### INDICATION:

Diarrhea, dehydration of the body.

#### PROPERTIES:

It quickly replenishes sodium, potassium, magnesium and energy deficiencies and restores water-electrolyte balance. Lactobacilli promote the development of a favorable flora of the digestive tract.

#### COMPOSITION:

Lactose, sodium bicarbonate, sodium and potassium chloride, citric acid. Lactic acid bacteria: Bacillus licheniformis and subtilis  $6.4 \times 10^8$  CFU, Lactobacillus acidophilus, Enterococcus faecium, Pediococcus acidilactici, Lactobacillus casei  $1.6 \times 10^{11}$  CFU.

#### ADDITIVES (in 1kg): vitamins; amino acids:

vit. C	50000mg	glycine	15000mg
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Sodium (Na)	5,9%	Potassium (K)	1,6%	Chlorides	8,8%	Sugars	43,0%
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#### INSTRUCTION FOR USE:

**SOLUTION PREPARATION:** 1 tablet/2-4L of water or milk.

**CALVES:** 2-4L of solution/head 2-3x/day/2-3 days.

**SUCKLING PIGLETS:** 1-2L of solution/piece/day/2-3 days. **WEANED PIGLETS:** 0.25-0.5L solution/head/day/2-3 days.

**FINISHER PIGS, GILTS:** 1 tablet/10-30L of water/2x/day/1-2 days.

**PIGEONS:** 1 tablet/50L of water/1-7 days.

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



#### PACKAGING:

Bucket

Tablets 15pcs. 50g each



### REHYDROVIT - tablets

• **electrolytes for cows and young cattle** • **prevents dehydration**

#### INDICATION:

Dehydration associated with electrolyte loss and metabolic acidosis (e.g., in postpartum cows, diarrhea), preparing animals for transport, keeping animals at increased temperatures (periods of hot weather).

#### PROPERTIES:

It quickly supplements sodium, potassium and energy deficiencies and restores water-electrolyte balance. Vitamin C content reduces the negative effects of stress.

#### COMPOSITION:

Lactose, sodium bicarbonate, sodium and potassium chloride, citric acid.

#### ADDITIVES (in 1kg): vitamins; amino acids:

vit. C	100000mg	glycine	4000mg
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Sodium (Na)	5,9%	Potassium (K)	1,6%	Chlorides	8,8%	Sugars	43,0%
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#### INSTRUCTION FOR USE:

**CATTLE (COWS):** 1 tablet into 10-20L of drinking water for 1-2 days.

**NOTE:** use the solution within 24 hours.



#### PACKAGING:

Bucket

Tablets 10pcs. 100g each





# REHYDRATION - ELECTROLYTE SUPPLEMENTATION



## ELECTROCID

• electrolytes with acidifier for calves and piglets • stabilizes water-electrolyte balance and pH

### INDICATION:

Electrolyte and water imbalance, dehydration caused by diarrhea.

### PROPERTIES:

Supplements electrolytes and energy, restoring the body's water-electrolyte balance and acidity to normal. Ensures proper "coagulate" and hygienic milk.

### COMPOSITION:

Glucose, sodium bicarbonate, sodium and potassium chloride, lactic acid, citric acid, orthophosphoric acid, formic acid, silica.

### ADDITIVES (in 1kg): amino acids:

glycine 10000mg

Sodium (Na)	5,9%	Potassium (K)	1,6%	Chlorides	8,8%	Sugars	38,0%
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### INSTRUCTION FOR USE:

**SOLUTION PREPARATION:** 50g/1-2L water or milk (37°C).

**CALVES:** 1-2L of solution 2-3x daily/2-3 days.

**SUCKLING PIGLETS:** 1-2L solution/litter 2-3x/day/2-3 days. **WEANED PIGLETS:** 0.25-0.5L solution/head/2-3 days.

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



### PACKAGING:

Sachets 100g, 1kg

Bucket 3kg



## HYDROFAST

• electrolytes and herbal extracts for calves • prevents dehydration - stimulates appetite

### INDICATION:

Stabilize electrolyte and water balance, prevent dehydration (diarrhea), maintain acid-base balance.

### PROPERTIES:

Quickly restores water and electrolyte balance. Herbal extracts optimize digestion, amino acids and taurine promote epithelial regeneration. Increases appetite, stimulates milk drinking.

### COMPOSITION:

Glucose, lactose, sodium and potassium chloride, magnesium chloride, sodium bicarbonate, sodium acetate, sodium citrate, vegetable glycerin, plant extracts (oregano, rosemary, thyme).

### ADDITIVES (in 1kg): vitamins; amino acids:

vit. C	10000mg	glycine	10000mg	betaine	10000mg	taurine	5000mg
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Sodium (Na)	6,5%	Potassium (K)	2,1%	Chlorides	4,8%	Sugars	26,0%
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### INSTRUCTION FOR USE:

**CALVES:** Mix 20-25ml/head in 1L of warm milk or water.

For calves with lack of appetite, give directly into the mouth. Repeat after 12h. Can be given for a period of 3-5 days.

**NOTE:** there is no need to stop the administration of milk. Use the solution within 24 hours.



### OPACKAGING:

Syringe 100ml



## GALECTRO

• electrolytes, vitamins, trace elements for poultry and pigeons • reduces the effects of heat stress

### INDICATION:

Diarrhea, dehydration, lack of appetite.

### PROPERTIES:

Supplements vitamin, amino acid and electrolyte deficiencies, prevents dehydration caused by diarrhea. Vitamin C seals epithelia and reduces the effect of negative heat stress. Enhances appetite, stimulates feed and water intake.

### COMPOSITION:

Glucose, lactose, sodium bicarbonate, sodium and potassium chloride, citric acid.

### ADDITIVES (in 1kg): vitamins; amino acids:

vit. A	1000000 I.U.	vit. B1	50mg	vit. B12	202,5µg	betaine	7000mg
vit. D3	200000 I.U.	vit. B2	60mg	biotin	405µg	choline (chloride)	50000mg
vit. E	5000mg	vit. B5	121,5mg	niacin	7000mg	DL-methionine	7000mg
vit. C	25000mg	vit. B6	67,5mg	glycine	10000mg	L-lysine	20000mg

Sodium (Na)	6,5%	Potassium (K)	2,1%	Chlorides	4,8%	Sugars	50,0%
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### INSTRUCTION FOR USE:

**POULTRY:** 250g/1000L drinking water (high temperatures - 500g/1000L).

**DOSATRON 0,2%:** mother solution= 400g/5L water.

**PIGEONS:** administer 10g/10L of drinking water for 1-7 days.

**NOTE:** use the solution within 24 hours.



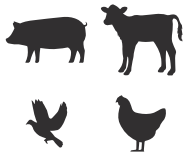
### PACKAGING:

Sachets 100g, 500g

Bucket 3kg



## VITAMIN DEFICIENCIES



### VITA-C

• supplements vitamin C deficiency • increases immunity • relieves heat stress.

#### INDICATION:

Immune decrease, weakness, heat stress, during periods of reconvalescence, before and after transport.

#### PROPERTIES:

Vitamin C is active in oxidoreductive processes of metabolism. It activates protein and carbohydrate metabolism. It improves the health and condition of animals, relieves the course of diarrhea (in piglets it improves weight gain, in poultry it relieves heat stress, increases laying rate, hardness of egg shells and resistance to infection).

#### COMPOSITION:

Glucose.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. C	980000mg	glycine	10000mg
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#### INSTRUCTION FOR USE:

Add with water for 2-5 days. If necessary, increase the dose 2-3x.

**CALVES:** Up to 3 months of age 0.5-1.5g/head/day. **AUTOMATIC CALF FEEDERS:** 25-250g/25kg of milk replacer.

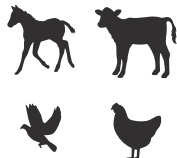
**PIGLETS AND WEANERS:** 0.1-0.2g/head/day.

**POULTRY:** 200-500g/1000L of water. **TURKEYS:** 0.5-1.0 kg/1000L of water.

**PIGEONS:** 0.5-1.0g/10L of water.



**PACKAGING:**  
Container 300g  
Sachet 1kg



### VITOMIX

• supplements vitamins in calves, foals, poultry and pigeons • increases appetite • better growth

#### INDICATION:

Reduced immunity, worse growth (e.g., after diseases, diarrhea). Reduced appetite.

#### PROPERTIES:

Supplements vitamins and micronutrients, improves condition, colonizes the digestive tract and increases immunity. Stabilizes mucous membranes of the stomach and intestines, reduces the risk of diarrhea. Increases feed intake.

#### COMPOSITION:

Feed yeast, whey, carob meal, sodium butyrate, calcium carbonate. Lactic acid bacteria: *Bacillus licheniformis* and *subtilis* 6.4x10<sup>8</sup> CFU, *Lactobacillus acidophilus*, *Enterococcus faecium*, *Pediococcus acidilactici*, *Lactobacillus casei* 1.6x10<sup>11</sup> CFU. Live yeast *Saccharomyces cerevisiae* NCYC R404 2.5x10<sup>11</sup> CFU.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	1000000 I.U.	vit. E	4000mg	Zn (chelate)	4000mg	Mn (chelate)	2000mg
vit. D3	125000 I.U.	niacin	500mg	Fe (chelate)	500mg	Se (selenite)	15mg
vit. C	5000mg			Cu (chelate)	750mg		

#### INSTRUCTION FOR USE:

**CALVES AND FOALS:** 20-40g/day/3 weeks with water or milk (2-4L, temp. 38°C).

Later rearing: 40g/head/day/7-14 days with feed.

**CALVES AND FOALS AFTER TREATMENT:** 40-80g/head - for min. 5 days.

**POULTRY:** 75-100g/25kg feed/min. 5-7 days.

**PIGEONS:** 10g/5kg feed/min. 5-7 days.



**PACKAGING:**  
Sachet 1kg  
Bucket 3kg



### VITOSAN K3

• Increases immunity and performance in pigs and cows • better immunity • higher productivity

#### INDICATION:

Deficiency states, disorders in blood clotting and ossification, inhibition of growth, inflammation of the skin and mucous membranes of the gastrointestinal tract, a decrease in immunity, during periods of reconvalescence after diseases (diarrhea, loss of appetite).

#### PROPERTIES:

Vitamin K3 strengthens the immune system and blood-forming processes. When using detoxicants and a large amount of calcium, it is recommended to give more vitamin K. Niacin improves energy metabolism, prevents the occurrence of ketosis in cows.

#### COMPOSITION:

Calcium carbonate, marine algae.

#### ADDITIVES (in 1kg): vitamins:

vit. K3	1200mg	niacin	800mg
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#### INSTRUCTION FOR USE:

Administer with feed for 2-3 weeks.

For deficiency symptoms and in acute diseases, use the maximum recommended doses.

**PIGLETS AND WEANERS:** 2-4kg/T feed.

**SOWS AND GILTS:** 2-4kg/T feed.

**CATTLE (COWS):** 50-100g/head for the lactation period (min. 90 days).



**PACKAGING:**  
Bucket 3kg  
Bag 25kg



## SOMATIC CELLS&POTASSIUM



### SOMATOVET

• decreases the risk of high count of somatic cells in milk • regenerates the mammary gland

#### INDICATION:

Increased somatic cell levels, udder diseases, vitamin and micronutrient deficiencies, lameness.

#### PROPERTIES:

It influences faster regeneration of the mammary gland epithelium and strengthens the body's defense system against bacterial and fungal infections in the udder.

#### COMPOSITION:

Calcium carbonate, feed yeast, thyme herb, oregano herb, cinnamon bark, clove buds, plant extracts: clove, thyme.



#### PACKAGING:

Sachet 1kg  
Bucket 3kg  
Bag 25kg

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	2000000 I.U.	vit. B5	240mg	Zn (oxide)	13500mg	Fe (sulphate)	2000mg
vit. E	10000mg	vit. B6	135mg	Zn (chelate)	3500mg	Fe (chelate)	450mg
niacin	8100mg	vit. B12	400µg	Mn (oxide)	3000mg	Co (sulphate)	100mg
biotin	100000µg	β-carotene	250mg	Mn (chelate)	1100mg	I (iodide)	80mg
vit. B1	100mg			Cu (sulphate)	2500mg	Se (selenite)	60mg
vit. B2	120mg			Cu (chelate)	600mg		

#### INSTRUCTION FOR USE:

Administer with concentrate feed.

**COWS:** Administer 50-100g/head 1x/day.

Period of administration: min. 7-14 days.

#### RECOMMENDED CONTINUATION WITH THE PREPARATION - SOMATOMIX



### SOMATOMIX

• reduces the risk of high count of somatic cells in milk - has beneficial effect on reproduction

#### INDICATION:

Increased somatic cell levels, udder diseases, vitamin and micronutrient deficiencies, lameness.

#### PROPERTIES:

Supplements micronutrients and vitamins that enable the regeneration of the mammary gland epithelium, which prevents the settlement of pathogens in the udder and an increase in the count of somatic cells in the milk.

#### COMPOSITION:

Calcium carbonate, sodium chloride, magnesium oxide.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	1000000 I.U.	vit. B1	100mg	Zn (oxide)	6000mg	I (iodide)	80mg
vit. D3	200000 I.U.	vit. B2	120mg	Zn (chelate)	5000mg	Co (sulphate)	100mg
vit. E	4000mg	vit. B5	240mg	Mn (oxide)	2000mg	Se (selenite)	60mg
niacin	8100mg	vit. B6	135mg	Cu (sulphate)	2500mg		
biotin	100000µg	vit. B12	400µg	Fe (sulphate)	2000mg		

#### INSTRUCTION FOR USE:

Administer with concentrate feed.

**COWS:** Administer during lactation, 1x daily at 100-200g.



#### PACKAGING:

Bag 20kg



### POTAS PLUS GEL

• supplements potassium deficiency in cows • better absorption of glucose from blood into cells

#### INDICATION:

A period of increased needs of the body for potassium (lack of appetite, diarrhea, inflammation, ketosis, hypocalcemia, abomasum displacement, hot weather) and with high milk production.

#### PROPERTIES:

Supplements the ration of cows with potassium. Can be used during intravenous glucose administration in cows.

#### COMPOSITION:

Potassium chloride, magnesium chloride, sodium chloride, vegetable glycerin, propylene glycol, glucose syrup, organic acid mixture.

<b>500ml contains:</b>	Potassium	67,5g	Sodium (Na)	4,7g	Magnesium(Mg)	2,35g
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Serum potassium (K<sup>+</sup>) levels in cows:

normal: 4.0-5.7 mmol/L

mild deficiency: 2.3-3.9 mmol/L (decreased appetite)

severe deficiency: <2.3 mmol/L (muscle weakness, lying down)

#### INSTRUCTION FOR USE:

Administer by oral infusion.

In case of potassium deficiency, give the mixture at 500 ml per cow per day.

Repeat after 8-12 hours if necessary.

*Note: Laboratory measurement of serum potassium is recommended.*



#### PACKAGING:

Bottle 500ml



## FOSFOCAL B-CAROTEN

• supplements phosphorus, calcium and vitamin deficiencies • improves reproductive rates

### INDICATION:

Risk of postpartum paralysis. Reproductive disorders.

### PROPERTIES:

Phosphorus is used for milk production, vitamins activate metabolism and  $\beta$ -carotene has beneficial effect on reproductive processes.

### COMPOSITION:

Calcium monophosphate, dried beet pulp (molassed), DDGS corn distillers' broth, calcium formate, magnesium chloride, sodium chloride.

### DODATKI (w 1kg): witaminy:

vit. A	750000 I.U.	$\beta$ -carotene	500mg	vit. D3	150000 I.U.	vit. C	5000mg	niacin	10000mg
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### INSTRUCTION FOR USE:

Administer mixed with feed at a rate of 100-200g/day/cow.

**DRINK:** Mix 0.5 kg in 5-10L of warm water (about 38°C). Administer the preparation to the cow to drink. If necessary, repeat the dose. Can be continued for 2-3 days.

By oral infusion (by bottle or probe) - mix 0.5kg in 2L of warm water (about 38°C).



### PACKAGING:

Sachets 500g, 1kg  
Bucket 3kg



## BIOTISAN

• supplements vitamins and strengthens hooves in cows • guarantees proper hoof growth and flexibility

### INDICATION:

Weak, fragile and brittle hooves, lameness, hair loss and reduced milk yield.

### PROPERTIES:

Supplements the essential components needed for hoof horn formation. Biotin, methionine, zinc and copper have a positive effect on the proper functioning of mucous membranes, skin and its forms, including hoof horn.

### COMPOSITION:

Carob meal, feed yeast, wheat starch, calcium carbonate, linseed.

### DODATKI (w 1kg): witaminy; mikroelementy:

<b>biotin</b>	<b>2000000<math>\mu</math>g</b>	niacin	400mg	methionine (protected)	15000mg	Fe (sulphate)	1000mg
vit. A	100000 I.U.	vit. B1	50mg	choline (protected)	10000mg	Fe (chelate)	300mg
$\beta$ -carotene	100mg	vit. B2	60mg	Zn (oxide)	7500mg	Mn (oxide)	300mg
vit. D3	20000 I.U.	vit. B5	120mg	Zn (chelate)	3500mg	Mn (chelate)	200mg
vit. E	2500mg	vit. B6	67,5mg	Cu (sulphate)	1000mg	Co (sulphate)	40mg
vit. C	1500mg	vit. B12	200 $\mu$ g	Cu (chelate)	500mg	Se (selenite)	4mg

### INSTRUCTION FOR USE:

Administer with feed. Min. application period 2-4 weeks.

**COWS:** 10-20g/day. **HEIFERS:** 5-10g/day. Start administration 2 weeks before calving.

Recommended to continue supplementation with long-acting boluses **BIOTIN SLOW**.

**NOTE:** Larger amounts of milk are observed in 1-2 weeks of lactation, hoof improvement requires several months.



### PACKAGING:

Sachet 1kg  
Bucket 3kg



## BIOTISAN EQUI

• supplements vitamins and strengthens hooves in horses • guarantees proper hoof growth and flexibility

### INDICATION:

Weak, fragile and brittle hooves (disorders of keratinization), falling out coat, disorders of coat pigmentation.

### PROPERTIES:

Supplements the essential components needed for hoof horn formation. Biotin, methionine, zinc and copper have a positive effect on the proper functioning of the mucous membranes, skin and its products, including the hoof horn.

### COMPOSITION:

Carob meal, feed yeast, wheat starch, calcium carbonate, linseed.

### DODATKI (w 1kg): witaminy; mikroelementy:

<b>biotin</b>	<b>2200000<math>\mu</math>g</b>	vit. B1	100mg	choline (chloride)	10000mg	Mn (oxide)	300mg
wwit. A	100000 I.U.	vit. B2	120mg	Zn (oxide)	7500mg	Mn (chelate)	200mg
$\beta$ -carotene	100mg	vit. B5	240mg	Zn (chelate)	3500mg	Co (sulphate)	40mg
vit. D3	20000 I.U.	vit. B6	135mg	Cu (siarczan)	1000mg	Se (selenite)	4mg
vit. E	2500mg	vit. B12	400 $\mu$ g	Cu (chelate)	500mg		
vit. C	1500mg	DL-methionine	25000mg	Fe (sulphate)	1000mg		
niacin	400mg	L-lysine	10000mg	Fe (chelate)	300mg		

### INSTRUCTION FOR USE:

Administer with feed. **HORSES (ADULT 500kg):** 10-20g/day.

**FOALS, YOUNG AND SMALL HORSES:** 5-10g/day.

**NOTE:** For optimal effect of the product, it should be administered for min. 6 months.



### PACKAGING:

Sachet 1kg  
Bucket 3kg





## RESPIRATORY PROBLEMS



### RESPIROMIX

• supports lung function in cattle and pigs • improves lung ventilation • inhibits bacterial growth

#### INDICATION:

Inflammatory states of the respiratory tract, supporting treatment (e.g., calf bronchopneumonia or MPS in pigs).

#### PROPERTIES:

Thanks to the active substances contained in the herbs, it helps breathing, especially in conditions of shortness of breath, coughing, sneezing and runny nose. It reduces the development of microorganisms, supports the work (ventilation) of the lungs. It has a beneficial effect on the cleansing and removal of mucus from the bronchi and bronchioles. When administered preventively, it supports the natural protective barrier against upper respiratory tract infections.

#### COMPOSITION:

Licorice root, thyme herb, mint herb, coltsfoot leaf, anise fruit, willow bark, echinacea herb, plantain leaves, glucose, carob meal, extracts and oils of medicinal plants: mint, anise, eucalyptus.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	100000 I.U.	vit. C	1500mg	I (iodide)	40mg
vit. D3	20000 I.U.	vit. E	2500mg	Se (selenite)	4mg

#### INSTRUCTION FOR USE:

**CALVES:** 5-10g/head/0.5-1L of water or milk and administered orally.

**YOUTH AND HEIFERS:** 25-50g/head/3-5 days, 1-2x a day.

**PIGLETS, WEANED:** Individually 1-2g/10kg b.w. with feed.

**PIGLETS WEANED PREVENTIVE:** 1kg/1T of feed, for lung infections 2-3kg/1T of feed.

**NOTE:** With antibiotic therapy, extend the administration to 7-10 days.



#### PACKAGING:

Sachets 100g, 1kg  
Bucket 2,5kg



### RESPIROSOL

• supports lung function in cattle and pigs • improves lung ventilation • inhibits bacterial growth

#### INDICATION:

Inflammatory states of the respiratory tract, supporting treatment (e.g., calf bronchopneumonia or MPS in pigs).

#### PROPERTIES:

Thanks to active substances contained in medicinal plants it helps breathing, especially in conditions of shortness of breath, coughing, sneezing and runny nose. It reduces the growth of microorganisms, supports the work (ventilation) of the lungs. Has a beneficial effect on the cleansing and removal of mucus from the bronchi and bronchioles. When administered preventively, it supports the natural protective barrier against upper respiratory tract infections.

#### COMPOSITION:

Lactose, extracts and oils of medicinal plants: mint, aniseed, eucalyptus, menthol.

#### ADDITIVES (in 1kg): vitamins:

vit. C	100000mg
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#### INSTRUCTION FOR USE:

**CALVES:** 5-10g/head/0.5-1L of water or milk and administered orally.

**YOUTH AND HEIFERS:** 30-50g/head/3-5 days, 1-2x a day.

**PIGLETS WEANED:** Individually 1-2g/10kg body weight with water or feed for 3-5 days, 1-2x daily.

**NOTE:** With antibiotic therapy, extend the administration to 7-10 days.



#### PACKAGING:

Sachets 100g, 1kg  
Bucket 3kg



### PULMOPAST

• supports lung function in cattle • improves lung ventilation • inhibits bacterial growth

#### INDICATION:

Inflammatory states of the respiratory tract, supporting treatment (e.g., calf bronchopneumonia).

#### PROPERTIES:

Thanks to the active substances contained in medicinal plants (mint, eucalyptus, aniseed and thyme), it reduces the development of microorganisms, supports the work (ventilation) of the lungs. It shows immunostimulating, secretolytic and soothing effects. Has a beneficial effect on the cleansing and removal of mucus from the bronchi and bronchioles.

#### COMPOSITION:

Licorice root, coltsfoot leaf, echinacea herb, willow bark, glucose, extracts and oils from medicinal plants: mint, aniseed, eucalyptus, thyme, menthol, Saccharomyces cerevisiae yeast cell walls (prebiotic - MOS and  $\beta$ -glucan), vegetable glycerin.

#### ADDITIVES (in 1kg): vitamins:

vit. A	20000 I.U.	vit. C	5000mg	I (iodide)	10mg
vit. D3	5000 I.U.	vit. E	500mg	Se (selenite)	1mg

#### INSTRUCTION FOR USE:

**CALVES:** 25-50ml/head 1x a day. Repeat after 24h.

If necessary, extend the period of use to 3-5 days.

**YOUTH AND HEIFERS AND ADULT CATTLE:** 50-100ml/head.

Repeat after 24h.



#### PACKAGING:

Syringe 100ml



## SUPPORTING DIGESTION IN ADULT CATTLE



### RUMITOR GEL

• stimulates rumen function in cattle • restores rumen movements • stimulates appetite



**PACKAGING:**  
Syringe 100ml

#### INDICATION:

Lack of appetite, weakened rumen and intestinal function, bloating, constipation.

#### PROPERTIES:

Herbs stimulate the rumen musculature and intestinal peristaltic movements and increase the secretion of digestive juices and bile. Live yeast and micronutrients participate in the restoration proper flora of the rumen.

#### COMPOSITION:

Wormwood herb, gentian and ginger root, caraway fruit, calamus rhizome, buckthorn bark, magnesium sulfate, carob meal, feed yeast, calcium propionate, vegetable glycerin, propylene glycol. Live yeast *Saccharomyces cerevisiae* NCYC R404 17x10<sup>9</sup> CFU.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

niacin	30000mg	Zn (chelate)	3750mg	Cu (chelate)	1200mg
		Mn (chelate)	2200mg	Co (sulphate)	45mg

#### INSTRUCTION FOR USE:

	ADULT CATTLE:	YOUNG CATTLE:
STIMULATING RUMEN FUNCTION:	50-100ml/head/day	50ml/head/day
APPETITE STIMULATION:	50ml/head/day	25ml/head/day

**CONTRAINDICATIONS:** High pregnancy, abomasum torsion. Do not use in sheep.

*Note: Administer again after 8-12h or as recommended by a veterinarian or nutritionist.*



### RUMIX

• strongly stimulates rumen motility in cattle • restores rumen movements • stimulates appetite



**PACKAGING:**  
Sachet 150g, 1kg

#### INDICATION:

Lack of appetite, weakened rumen and intestinal function, bloating, constipation.

#### PROPERTIES:

Herbs increase the secretion of digestive juices, prevent bloating. They stimulate the rumen and intestinal musculature. Live yeast and micronutrients help restore the rumen microflora. Smaller doses stimulate appetite.

#### COMPOSITION:

Wormwood herb, gentian root, cumin fruit, calamus rhizome, buckthorn bark, magnesium sulfate, feed yeast, glucose, calcium monophosphate, sodium and calcium propionate, bentonite. Live yeast *Saccharomyces cerevisiae* NCYC R404 20x10<sup>10</sup> CFU.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

niacin	30000mg	Zn (chelate)	3750mg	Cu chelate)	1200mg
		Mn (chelate)	2200mg	Co (sulphate)	45mg

#### INSTRUKCJA UŻYCIA:

	ADULT CATTLE:	YOUNG CATTLE:
POOR RUMEN MOTILITY:	50-100g/head/day	50g/head/day
APPETITE STIMULATION:	25g/head/day	15g/head/day

**CONTRAINDICATIONS:** High pregnancy, abomasum torsion. Do not use in sheep.



### RUMEN pH PROFIT

• regulates pH and stabilizes rumen fermentation • prevents acidosis • restores appetite



**PACKAGING:**  
Sachet 150g  
Bucket 1,5kg, 5kg  
Bag 10kg

#### INDICATION:

Acidosis, digestive disorders (primary and secondary indigestion). Lack of appetite.

#### PROPERTIES:

Has a supporting effect on rumen function and restoration of damaged microflora. Improves conditions for the development of microorganisms in the rumen. Increases appetite. Binds toxins.

#### COMPOSITION:

Sodium bicarbonate, marine algae, magnesium oxide, feed yeast, ginger root, linseed, plantain seeds, sodium and potassium chloride, malic acid, bentonite. Live yeast *Saccharomyces cerevisiae* NCYC R404 20x10<sup>10</sup> CFU.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. E	50mg	betaine	2500mg	Mn (chelate)	550mg	Co (sulphate)	40mg
niacin	2500mg	Zn (chelate)	1000mg	Cu (chelate)	120mg	Se (selenite)	45mg

#### INSTRUCTION FOR USE:

	ADULT CATTLE:	YOUNG CATTLE:
ACIDOSIS AND INDIGESTION:	100g/head/3-5 days	25-50g/head/3-5 days
APPETITE STIMULATION:	75-150g/head/days	50g/head/day
PREVENTIVE:	100g/head/1-5 days	

Administer the mixture with water (by bottle or probe) or with feed.



## SUPPORTING DIGESTION IN ADULT CATTLE



### PROPIOMIX

• for cows at risk of ketosis or acidosis • supplements energy deficiency • buffers and regulates rumen pH

#### INDICATION:

Risk of ketosis and acidosis. Indigestion. Lack of appetite.

#### PROPERTIES:

Supplements energy deficiency and prevents ketosis. Restores normal rumen pH and prevents acidosis. Vitamins and micronutrients stimulate the development of rumen microflora.

#### COMPOSITION:

Calcium carbonate, sodium chloride, magnesium oxide. Live yeast *Saccharomyces cerevisiae* NCYC R404  $10 \times 10^{10}$  CFU.

**ADDITIVES (in 1kg):** vitamins; micronutrients:

vit. A	100000 I.U.	Zn (chelate)	375mg	Fe (chelate)	180mg	Co (sulphate)	15mg
		Mn (chelate)	220mg	Cu (chelate)	120mg		

#### INSTRUCTION FOR USE:

	ADULT CATTLE:	OLDER CALVES:
KETOSIS:	200g/head/2x/5-7 days	
KETOSIS (PREVENTIVE):	50-100g/head/3-5 days	
INDIGESTIONS:	100g/head/1-3 days	25g/head/1-3 days
APPETITE STIMULATION:	25-50g/head	

Administer the mixture with water (by bottle or probe) or with feed.

**Note:** Administer 25-50g/head/day in the feed for a few days before parturition and for 2-3 weeks after parturition during the period when the lactation curve is rising. Also use at feed changes.



#### PACKAGING:

Sachets 100g, 1kg  
Bucket 3kg



## YEAST&LIVING YEAST& YEAST METABOLITES



### RUMESAN S.C.

• stabilizes digestion and increases milk yield in cows • stimulates appetite

#### INDICATION:

Digestive disorders, poor performance, decreased appetite.

#### PROPERTIES:

It positively influences the improvement of feeding efficiency and animal health. Effectively prevents rumen acidosis and improves feed digestibility. Improves milk yield, increases protein and fat content in milk, increases appetite and feed intake.

#### COMPOSITION:

Feed yeast, *Saccharomyces cerevisiae* yeast metabolites, calcium carbonate. Live *Saccharomyces cerevisiae* yeast NCYC R404  $2.5 \times 10^{10}$  CFU.

**ADDITIVES (in 1kg):** vitamins; micronutrients:

vit. A	10000 I.U.	vit. E	150mg	I (iodide)	80mg	Se (selenite)	30mg
vit. D3	5000 I.U.	niacin	12000mg	Co (sulphate)	30mg		

#### INSTRUCTION FOR USE:

Add to concentrate feed.

**DAIRY COWS:** 20-40g/head/day.

**BEEF CATTLE:** 15-30g/head/day.

**CALVES WITH DEVELOPED RUMEN:** 10-20g/head/day.



#### PACKAGING:

Sachet 1kg  
Bucket 3kg



### LIVEPACK S.C.

• stabilizer of optimal rumen microflora • promotes digestion • increases performance

#### INDICATION:

Acidosis and indigestion. Lack of appetite.

#### PROPERTIES:

Prevents acidosis and improves feed digestibility. Stimulates the activity of rumen microorganisms, increases milk yield, has a beneficial effect on reproduction and lowers the level of somatic cells in milk.

#### COMPOSITION:

Marine algae, calcium carbonate, calcium propionate. Live yeast *Saccharomyces cerevisiae* NCYC R404  $20 \times 10^{10}$  CFU.

**ADDITIVES (in 1kg):** micronutrients:

Se (selenite)	45mg
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#### INSTRUCTION FOR USE:

Add to concentrate feed.

**COWS:** Lactation - 50g/head/day, for 90-100 days.

**BYDŁO MIĘSNE:** 40g/head/day.

**CALVES WITH DEVELOPED RUMEN:** 20g/head/day.



#### PACKAGING:

Bucket 5kg  
Bags 10kg, 25kg



## YEAST&LIVING YEAST& YEAST METABOLITES



### METABO S.C.

• *stabilizes digestion in cows* • *stimulates digestion* • *increases milk yields*

#### INDICATION:

Digestive disorders, poor performance, decreased appetite.

#### PROPERTIES:

Improves feed palatability and stimulates the development of microflora of the digestive tract. Effectively prevents rumen acidosis and improves feed digestibility. Stimulates enzymatic activity of rumen microorganisms, increases milk yield, increases protein and fat content in milk, increases appetite and dry matter intake. Has a beneficial effect on reproduction and immunity, lowers the level of somatic cells in milk.

#### COMPOSITION:

Marine algae, Saccharomyces cerevisiae yeast metabolites, feed yeast, calcium carbonate.

#### INSTRUCTION FOR USE:

Add to concentrate feed.

**DAIRY COWS:** 40-60g/head/day.

Introduce during the drying out period (3 weeks before parturition) and continue until the end of lactation.

**TMR:** 1.5-2.5kg/1T of feed. High-production stress and summer period: 60-120g/head/day.

**BEEF CATTLE:** 30-40g/head/day.

**CALVES WITH DEVELOPED RUMEN:** 10-20g/head/day.



#### PACKAGING:

Bucket 3kg

Bag 25kg



### YEAST PLUS

• *source of protein, energy and vitamins for dairy cows* • *stimulates digestion* • *increases productivity*

#### INDICATION:

Disorders in the digestive process, fertility disorders. Mineral and vitamin deficiencies, decreased immunity and reproductive rates.

#### PROPERTIES:

Feed yeast is a very good source of protein, energy and B vitamins for ruminants. They positively influence the microflora of the rumen, contributing to better utilization of nutrients contained in feed. Yeast enriched with  $\beta$ -carotene and selenium positively influence the course of metabolic processes in animals. In particular, they have a beneficial effect on reproduction and immune development. Aromatic formulation increases feed intake.

#### COMPOSITION:

Feed yeast, marine algae.

**ADDITIVES (in 1kg):** vitamins; micronutrients:

$\beta$ -carotene	500mg	Se (selenite)	45mg
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#### INSTRUCTION FOR USE:

Administer with feed.

**DAIRY COWS:** Administer 50-100g/head (15kg/1T of feed).



#### PACKAGING:

Bag 25kg



## STABILIZATION OF THE RUMEN WORK (OPTIMAL pH)



### LACTOBUFOR

• *buffer for cattle at risk of acidosis* • *stabilizes rumen pH* • *increases feed intake and productivity*

#### INDICATION:

Stabilization of physiological digestive functions. Excessive acidification of the rumen, restoration of the damaged rumen microflora. Digestive disorders (poor rumen function).

#### PROPERTIES:

Reduces the risk of acidosis in high yielding cows, shows buffering effect, stabilizes rumen pH at optimal level. Stabilizes microbial metabolism in the rumen, increases production of volatile fatty acids (VFAs). Increases feed intake and milk yield, has a positive effect on reproduction and immunity. Has a beneficial effect on improving appetite.

#### COMPOSITION:

Sodium bicarbonate, magnesium oxide, calcium carbonate, bentonite. Live yeast Saccharomyces cerevisiae NCYC R404  $10 \times 10^{10}$  CFU.

**ADDITIVES (in 1kg):** micronutrients:

I (iodide)	100mg	Co (sulphate)	45mg	Se (selenite)	45mg
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#### INSTRUCTION FOR USE:

Administer with feed.

Recommended for high-yielding cows.

**COWS:** Risk of acidosis - 50g/head/day.

In case of clinical signs of acidosis - 100-150g/head.

With large quantities of concentrate feed or corn silage, use during the whole lactation.



#### PACKAGING:

Bucket 5kg

Bags 10kg, 25kg





# STABILIZATION OF THE RUMEN WORK (OPTIMAL pH)



## ALGOBUFOR

• *algae buffer for cattle at risk of acidosis* • *stabilizes rumen pH* • *increases milk yield*

### INDICATION:

Stabilization of physiological digestive functions. Excessive acidification of the rumen, restoration of the damaged rumen microflora. Digestive disorders (poor rumen function).

### PROPERTIES:

It prevents the development of acidosis, improves anaerobic conditions in the rumen, binds toxins, appetite and feed intake and milk yield, lowers the level of somatic cells in milk and has a positive effect on reproduction and immunity.

### COMPOSITION:

Marine algae, sodium bicarbonate, magnesium oxide, sodium propionate, bentonite. Live yeast *Saccharomyces cerevisiae* NCYC R404 20x10<sup>10</sup> CFU.

### ADDITIVES (in 1kg): micronutrients:

I (iodide)	125mg	Co (sulphate)	45mg	Se (selenite)	50mg
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### INSTRUCTION FOR USE:

Administer with feed. Recommended for high-yielding cows.

**COWS:** Risk of acidosis - 50g/head/day.

In case of clinical signs of acidosis - 100-150g/head.

With large quantities of concentrate feed or corn silage, use during whole lactation.



### PACKAGING:

Bucket 5kg

Bags 10kg, 25kg



## MEGABUF

• *buffer with biotin for cattle at risk of acidosis and lameness* • *stabilizes rumen pH* • *stimulates appetite*

### INDICATION:

Stabilization of physiological digestive functions. Excessive acidification of rumen contents, restoration of damaged microflora. Lameness and inflammation of the udder (mastitis).

### PROPERTIES:

Restores normal rumen pH and prevents acidosis. Vitamins and micronutrients stimulate the development of rumen microflora. Strengthens hooves and has a beneficial effect on improving appetite.

### COMPOSITION:

Sodium bicarbonate, magnesium oxide, marine algae, magnesium sulphate, malic acid. Live yeast *Saccharomyces cerevisiae* NCYC R404 20x10<sup>10</sup> CFU.

### ADDITIVES (in 1kg): vitamins; micronutrients:

biotin	200000µg	Co (sulphate)	45mg	I (iodide)	100mg	Se (selenite)	45mg
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### INSTRUCTION FOR USE:

Administer with feed. Recommended for high-yielding cows.

**COWS:** Risk of acidosis - 50g/head/day.

In case of clinical signs of acidosis (e.g. lameness) - 100g/head.

With large quantities of concentrate feed or corn silage, use during the whole lactation.

*Malic acid stimulates the growth of the beneficial bacteria *Selenomonas ruminantium*, which improves anaerobic conditions in the rumen.*



### PACKAGING:

Bucket 5kg

Bags 10kg, 25kg



## SUPERBUF

• *complex buffer for cattle at risk of acidosis* • *stabilizes rumen pH* • *stimulates appetite*

### INDICATION:

Stabilization of physiological digestive functions. Excessive acidification of the rumen, restoration of the damaged rumen microflora. Digestive disorders (poor rumen function).

### PROPERTIES:

Reduces the occurrence of acidosis in cows, stabilizes rumen pH. Has a beneficial effect on increasing appetite.

Micronutrients in the form of chelates effectively participate in the restoration of the flora of the rumen.

### COMPOSITION:

Sodium bicarbonate, magnesium oxide, marine algae, feed yeast, *Saccharomyces cerevisiae* yeast cell walls (prebiotic - MOS, β-glucan), malic acid, calcium carbonate, bentonite.

### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	100000 I.U.	Zn (chelate)	300mg	Co (sulphate)	15mg
vit. D3	20000 I.U.	Mn (chelate)	200mg	I (iodide)	20mg
vit. E	250mg	Cu (chelate)	100mg	Se (selenite)	15mg

### INSTRUCTION FOR USE:

Administer with feed. Recommended for high-yielding cows.

**COWS:** Risk of acidosis: 100-150g/head/day. For large quantities of concentrate feed or corn silage, use for the whole lactation: 100g/head/day. Preventively and cows with up to 8000kg milk yield: 50g/head/day.

*Malic acid stimulates the growth of the beneficial bacteria *Selenomonas ruminantium*, which improves anaerobic conditions in the rumen.*



### PACKAGING:

Bucket 5kg

Bags 10kg, 25kg



# INTRARUMEN INFUSIONS FOR COWS - DRENCHES



## STIMUDRENCH

• intrarumen infusion for cows (parturition) • reduces postpartum paralysis • stimulates appetite

### INDICATION:

Lack of appetite, atony and weakened rumen function. Risk of abomasum torsion and metabolic disorders.

### PROPERTIES:

It stimulates rumen function and increases appetite in the cow. The infusion prevents abomasum displacement, postpartum lying down and metabolic disorders. Provides a good start to lactation.

### COMPOSITION:

Feed yeast, whey, linseed, egg plant, sodium and calcium propionate, sodium and potassium chloride, carob meal, calcium monophosphate. Live yeast *Saccharomyces cerevisiae* NCYC R404  $2.5 \times 10^{10}$  CFU.

### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	500000 I.U.	vit. B2	48,6mg	niacin	6000mg	Zn (chelate)	375mg
vit. D3	100000 I.U.	vit. B5	97,2mg	choline (protected)	5000mg	Mn (chelate)	220mg
vit. E	1000mg	vit. B6	54mg	choline (chloride)	1250mg	Cu (chelate)	120mg
vit. C	1500mg	vit. B12	162µg	methionine (protected)	10000mg	Fe (chelate)	180mg
vit. B1	38,9mg	biotin	324µg	DL-methionine	5500mg	Se (selenite)	1,5mg

### INSTRUCTION FOR USE:

**COWS:** Mix 1kg of the product in 40L of water (40°C) and administer to the cow with a probe (intrarumen infusion). Can be given again after 12h.

**NOTE:** Do not use **STIMUDRENCH** to drink cows. **STARTUP DRINK** is recommended for cow (after parturition).



**PACKAGING:**  
Sachet 1kg



## RUMIDRENCH

• intrarumen infusion for cows (rumen atonia) • reduces postpartum paralysis • stimulates appetite

### INDICATION:

Lack of appetite, weakened rumen function, indigestion. Risk of abomasum torsion and metabolic diseases.

### PROPERTIES:

Supportive product in the peri-parturient period (risk of postpartum lying down). The ingredients contained have a beneficial effect on rumen function and microflora restoration.

### COMPOSITION:

Feed yeast, calcium carbonate, linseed, ginger root, wormwood herb, gentian root, sodium and calcium propionate, sodium and potassium chloride, carob meal, calcium monophosphate. Live yeast *Saccharomyces cerevisiae* NCYC R404  $2.5 \times 10^{10}$  CFU.

### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	500000 j.m.	vit. B2	24,3mg	niacin	1500mg	Zn (chelate)	375mg
vit. D3	100000 j.m.	vit. B5	48,51mg	choline (protected)	5000mg	Mn (chelate)	220mg
vit. E	1000mg	vit. B6	27mg	choline (chloride)	1250mg	Cu (chelate)	120mg
vit. C	750mg	vit. B12	81µg	methionine (protected)	10000mg	Fe (chelate)	180mg
vit. B1	19,45mg	biotin	162µg	DL-metionina	5500mg	Se (selenite)	1,5mg

### INSTRUCTION FOR USE:

**COWS:** Mix 1kg of the product in 40L of water (40°C) and administer to the cow with a probe (intrarumen infusion). Can be given again after 12h.

**NOTE:** Do not use **RUMIDRENCH** to drink cows. **STARTUP DRINK** is recommended for cow (after parturition).



**PACKAGING:**  
Sachet 1kg



## KETOPOWER DRENCH

• intrarumen infusion for cows (ketosis) • energy source - reduces risk of ketosis • stimulates appetite

### INDICATION:

Risk of ketosis. Lack of appetite, weakened rumen function (atony), indigestion.

### PROPERTIES:

Reduces the risk of abomasum displacement and metabolic diseases. Protects the liver (niacin and amino acids protected), absorbs toxins, and is a rich source of essential energy.

### COMPOSITION:

Sodium propionate, calcium propionate, protected fat, propylene glycol, feed yeast, carob meal, magnesium sulfate, sodium and potassium chloride, sodium bicarbonate, gentian root, bentonite. Live yeast *Saccharomyces cerevisiae* NCYC R404  $2.5 \times 10^{10}$  CFU.

### ADDITIVES (in 1kg): vitamins; amino acids:

niacin	7000mg	choline (protected)	25000mg	methionine (protected)	25000mg
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### INSTRUCTION FOR USE:

**COWS:** Mix 1kg of the product in 40L of water (40°C) and administer to the cow with a probe (intrarumen infusion). Can be given again after 12h.

**NOTE:** Do not use **KETOPOWER DRENCH** to drink cows. **STARTUP DRINK** is recommended for cow (after parturition).



**PACKAGING:**  
Sachet 1kg



# INTRARUMEN INFUSIONS FOR COWS - DRENCHES



## ACIDODRENCH

• intrarumen infusion for cows (acidosis) • stabilizes pH • restores normal rumen function



**PACKAGING:**  
Sachet 500g

### INDICATION:

Acidosis, excessive acidification of rumen contents (acid indigestion - weakened rumen function).

### PROPERTIES:

Neutralizes excessive acidity of rumen contents (stabilizes pH). Has a beneficial effect on the reconstruction of the damaged microflora. Has a protective effect on rumen mucosa irritated by acids. Dehydrates and absorbs toxins.

### COMPOSITION:

Marine algae, sodium bicarbonate, magnesium oxide, feed yeast, linseed, plantain seeds, bentonite. Live yeast *Saccharomyces cerevisiae* NCYC R404 10x10<sup>10</sup> CFU.

### INSTRUCTION FOR USE:

**COWS:** Mix 500g of the product in 40L of water (40°C) and administer to the cow with a probe (intrarumen infusion). Can be given again after 12h.

**NOTE:** Do not use **ACIDODRENCH** to drink cows. **STARTUP DRINK** is recommended for cow (after parturition).



## THE PERINATAL PERIOD IN COWS



## STARTUP DRINK

• drink for cows immediately after parturition • source of energy, vitamins, macro and microelements



**PACKAGING:**  
Sachet 1kg

### INDICATION:

Calcium deficiency, postpartum paralysis, loss of energy and electrolytes during parturition. Risk of abomasum displacement, metabolic disorders and dehydration.

### PROPERTIES:

Source of energy, vitamins, macro and micronutrients. Drink fills the rumen and reduces the risk of abomasum displacement. Reduces the risk of postpartum paralysis and metabolic diseases.

### COMPOSITION:

Glucose, whey, sodium bicarbonate, carob meal, feed yeast, wheat starch, lactose, marine algae, calcium monophosphate, magnesium sulfate, sodium and potassium chloride, sorbitol, yeast walls, malic and citric acid. Live yeast *Saccharomyces cerevisiae* NCYC R404 5x10<sup>10</sup> CFU.

### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	800000 I.U.	vit. B2	24,3mg	niacin	2000mg	Zn (chelate)	1000mg
vit. D3	160000 I.U.	vit. B5	48,6mg	glycine	2500mg	Co (sulphate)	8mg
vit. E	3500mg	vit. B6	27mg	betaine	2500mg	I (iodide)	30mg
vit. C	3000mg	vit. B12	81µg	choline (chloride)	2500mg	Se (selenite)	3,5mg
vit. B1	19,9mg	biotin	162µg				

### INSTRUCTION FOR USE:

**COWS:** Mixture for preparing the drink for each freshly calved cow immediately after parturition. Mix 1kg of the preparation in 5-10L of hot water (about 50°C). Fill up with cold water to a volume of 20-30L (min. temp. 25-30°C) and give to the cow to drink.



## FRESH DRINK

• ready-to-use drink for cows immediately after parturition • source of energy, vitamins and amino acids



**PACKAGING:**  
Bottle 500g  
Canister 5kg

### INDICATION:

Calcium deficiency, postpartum paralysis, loss of energy and electrolytes during parturition. Stress associated with parturition, dehydration. Risk of abomasum displacement.

### PROPERTIES:

It contains easily absorbed calcium ions, (prevents postpartum paralysis). Glucose, glucose syrup, propylene glycol and vegetable glycerin supplements energy deficiency and electrolytes stabilize water-electrolyte balance.

### COMPOSITION:

Vegetable glycerin, propylene glycol, calcium chloride, glucose, glucose syrup, magnesium chloride, sodium and potassium chloride, sorbitol.

### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	600000 I.U.	vit. D3	120000 I.U.	vit. C	5000mg	niacin	12000mg	glycine	10000mg
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Calcium (Ca)	5,0%	Sodium (Na)	1,4%	Potassium (K)	0,3%	Magnesium (Mg)	0,4%
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### INSTRUCTION FOR USE:

**COWS:** Administer immediately after parturition at a rate of 0.5-1kg/head (oral infusion by bottle or probe). Product can be diluted in 10-30L of lukewarm water. Give to cow to drink or pour by probe into rumen.

**NOTE:** Do not give to cows lying down or with impaired swallowing reflex.

**SHAKE BEFORE USE!!!**



## THE PERINATAL PERIOD IN COWS



### CALCIPAST

• supplements calcium deficiencies in cows • reduces postpartum paralysis



**PACKAGING:**  
Syringe 100ml

#### INDICATION:

Reduce the risk of milk fever (postpartum paralysis). Calcium and energy deficiency.

#### PROPERTIES:

Supplements calcium deficiencies caused by the onset of lactation. Provides magnesium, low levels of which can cause hypocalcemia. Reduces the risk of postpartum paralysis and ketosis. Vitamins activate metabolic changes in the body and have a beneficial effect on immunity.

#### COMPOSITION:

Calcium formate, calcium acetate, magnesium oxide, vegetable glycerin.

#### ADDITIVES (in 1kg): vitamins:

vit D3	150000 I.U.	niacin	4000mg
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Calcium (Ca)	15,0%	Magnesium (Mg)	0,5%
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#### INSTRUCTION FOR USE:

**COWS:** Administer orally 100ml of paste a few hours before parturition.

Repeat the same quantity immediately after parturition.

You can continue administration for 2-3 days.



### CALCI PLUS

• supplements calcium and vitamin deficiencies in cows • reduces postpartum paralysis



**PACKAGING:**  
Bottle 500g  
Canister 5kg

#### INDICATION:

Reduce the risk of milk fever (postpartum paralysis). Calcium and energy deficiency.

#### PROPERTIES:

Supplements calcium deficiencies caused by the onset of lactation. Provides magnesium, low levels of which can cause hypocalcemia. Reduces the risk of postpartum paralysis and ketosis (glycerine - a precursor of glucose). Vitamins activate metabolic changes in the body and have a beneficial effect on immunity.

#### COMPOSITION:

Calcium monophosphate, magnesium oxide, vegetable glycerin.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	75000 I.U.	vit. D3	150000 I.U.	vit. C	5000mg	niacin	12000mg
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Calcium(Ca)	12,0%	Magnesium (Mg)	0,4%
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#### INSTRUCTION FOR USE:

**COWS:** Administer the mixture at a rate of 0.5kg/head, by oral infusion (by bottle or probe). Repeat the infusion if necessary. You can continue administration for 2-3 days.

**NOTE:** Do not give to cows lying down or with impaired swallowing reflex.

**SHAKE BEFORE USE!!!**



### CALCIVIT MULTI

• supplements calcium and vitamin deficiencies in cows • reduces postpartum paralysis



**PACKAGING:**  
Bottle 500g  
Canister 5kg

#### INDICATION:

Reduce the risk of milk fever (postpartum paralysis). Calcium and energy deficiency.

#### PROPERTIES:

Supplements calcium deficiencies caused by the onset of lactation. Provides magnesium, low levels of which can cause hypocalcemia. Reduces the risk of postpartum paralysis and ketosis (glycerine - a precursor of glucose). Vitamins activate metabolic changes in the body and have a beneficial effect on immunity.

#### COMPOSITION:

Calcium chloride, magnesium chloride, vegetable glycerin, glucose syrup.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	830000 I.U.	vit. E	540mg	vit. B2	43mg	vit. B9	11mg	niacin	12375mg
vit. D3	152140 I.U.	vit. K3	43mg	vit. B5	150mg	vit. B12	500µg	betaine	540mg
vit. C	4950mg	vit. B1	21,5mg	vit. B6	43mg	biotin	750µg		

Calcium (Ca)	5,0%	Magnesium (Mg)	0,4%
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#### INSTRUCTION FOR USE:

**COWS:** Administer the mixture at a rate of 0.5kg/head, by oral infusion (by bottle or probe). Repeat the infusion if necessary. You can continue administration for 2-3 days.

**NOTE:** Do not give to cows lying down or with impaired swallowing reflex.

**SHAKE BEFORE USE!!!**





## THE PERINATAL PERIOD IN COWS



### FOSFOPAST

• supplements phosphorus and calcium deficiencies in cows • reduces postpartum paralysis



**PACKAGING:**  
Syringe 100ml

#### INDICATION:

Phosphorus and calcium deficiencies (risk of postpartum paralysis), heavy parturition, onset of lactation, inadequate nutrition.

#### PROPERTIES:

Supplements calcium and phosphorus (easily digestible monophosphate) deficiencies caused by the onset of lactation. Reduces the risk of postpartum paralysis and ketosis. Phosphorus is needed for the development of the flora of rumen bacteria. Vitamins activate metabolism and have a beneficial effect on immunity.

#### COMPOSITION:

Calcium monophosphate, magnesium oxide, vegetable glycerin.

#### ADDITIVES (in 1kg): vitamins:

vit D3	150000 I.U.	niacin	4000mg
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Phosphorus (P)	10,0%	Calcium (Ca)	7,0%	Magnesium (Mg)	0,5%
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#### INSTRUCTION FOR USE:

**COWS:** Administer orally 100ml of paste a few hours before parturition.

Repeat the same quantity immediately after parturition.

You can continue administration for 2-3 days.



### CALCIFOS GEL

• supplements phosphorus and calcium deficiencies in cows • reduces postpartum paralysis



**PACKAGING:**  
Bottle 500g  
Canister 5kg

#### INDICATION:

Reduce the risk of milk fever (postpartum paralysis). Calcium and phosphorus deficiencies, the onset of lactation. Energy deficiencies (risk of ketosis).

#### PROPERTIES:

Supplements calcium and phosphorus (easily digestible monophosphate) deficiencies caused by the onset of lactation. Reduces the risk of postpartum paralysis and ketosis. Phosphorus is needed for the development of the flora of rumen bacteria. Vitamins activate metabolism and have a beneficial effect on immunity.

#### COMPOSITION:

Calcium monophosphate, calcium chloride, calcium formate, magnesium chloride, vegetable glycerin, glucose syrup, calcium propionate.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	750000 I.U.	vit. D3	150000 I.U.	vit. C	2000mg	niacin	12000mg
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Phosphorus (P)	7,0%	Calcium (Ca)	7,0%	Magnesium (Mg)	0,3%
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#### INSTRUCTION FOR USE:

**COWS:** Administer the mixture at a rate of 0.5kg/head, by oral infusion (by bottle or probe).

Repeat the infusion if necessary. You can continue administration for 2-3 days.

**NOTE:** Do not give to cows lying down or with impaired swallowing reflex.

**SHAKE BEFORE USE!!!**



### PROPILAC

• supplements mineral and energy deficiencies in cows • reduces postpartum paralysis



**PACKAGING:**  
Bottle 500g  
Canister 5kg

#### INDICATION:

Reduce the risk of milk fever (postpartum paralysis) and ketosis.

#### PROPERTIES:

Supplements calcium and magnesium deficiencies. Has a glucose-forming effect and prevents the onset of ketosis. Propionic ions are essential in the proper functioning of the body of cows during the perinatal period. Niacin protects the liver and cobalt affects the proper functioning of the flora of the rumen.

#### COMPOSITION:

Calcium chloride, magnesium chloride, propylene glycol, sodium propionate.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

niacin	3000mg	Co (sulphate)	8mg
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Calcium (Ca)	12,5%	Sodium (Na)	7,0%	Magnesium (Mg)	0,2%
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#### INSTRUCTION FOR USE:

**COWS:** Administer the mixture at a rate of 0.5kg/head, by oral infusion (by bottle or probe). 1 infusion: 12-24h before calving, 2 infusion: immediately after calving, 3 infusion: 12h after calving, 4th infusion: 24-36h after calving.

**SUPPORTING THE TREATMENT OF PARALYSIS AND KETOSIS:** 3 consecutive infusions of 0.5kg/head every 12h.

**NOTE:** Do not give to cows lying down or with impaired swallowing reflex.

**SHAKE BEFORE USE!!!**



# REDUCING THE RISK OF KETOSIS IN COWS - ENERGY



## GLICEROVIT MULTI

• reduces the risk of ketosis in cows with energy deficiency • improves milk yields

### INDICATION:

Risk of ketosis in dairy cows. Energy deficiencies before and after parturition (hypoglycemia). Energy deficiency in feed. Decrease in appetite.

### PROPERTIES:

It increases energy levels and maintains the moisture content of feed ingredients. The formula reduces the effects of negative energy balance and the addition of vitamins and  $\beta$ -carotene supports energy metabolism and has a positive effect on reproduction. Due to its appetizing smell and palatability, it is eagerly taken by every cow.

### COMPOSITION:

Vegetable glycerin.

**ADDITIVES (in 1kg):** vitamins; amino acids; micronutrients:

**ENERGY: 13,4 MJ NEL/1kg**

vit. A	80000 I.U.	vit. K3	43mg	vit. B9	11mg	Co (sulphate)	15mg
<b><math>\beta</math>-carotene</b>	<b>50mg</b>	vit. B1	21,5mg	vit. B12	500 $\mu$ g	I (iodide)	15mg
vit D3	2140 I.U.	vit. B2	43mg	niacin	375mg	Se (selenite)	4,5mg
vit. C	540mg	vit. B5	150mg	biotin	750 $\mu$ g		
vit. E	540mg	vit. B6	43mg	betaine	540mg		

### INSTRUCTION FOR USE:

Administer in the mouth infusion or directly on the feed table.

**COWS:** 1-2 weeks before parturition 400g/head/day. After parturition 300g/head/day (up to 90 days of lactation).



#### PACKAGING:

Canister 5kg, 20kg  
Barrel 200kg  
Pallet container 1000kg



## ENERGOLAC

• reduces the risk of ketosis in cows with energy deficiency • improves milk yields

### INDICATION:

Risk of ketosis in dairy cows. Energy deficiencies before and after parturition (hypoglycemia). Energy deficiency in feed. Decrease in appetite.

### PROPERTIES:

Provides a source of easily digestible and high energy glucoplastic components for dairy cows and reduces the effects of negative energy balance. The addition of vitamins supports energy metabolism. Due to its appetizing smell and palatability, it is eagerly taken by every cow.

### COMPOSITION:

Vegetable glycerin, propylene glycol, sorbitol, sodium propionate.

**ADDITIVES (in 1kg):** vitamins; amino acids; micronutrients:

**ENERGY: 16,8 MJ NEL/1kg**

vit. C	1000mg	vit. B2	48,6mg	vit. B12	162 $\mu$ g	biotin	324 $\mu$ g
vit. E	1000mg	vit. B5	97,2mg	niacin	3000mg	I (iodide)	15mg
vit. B1	38,9mg	vit. B6	54mg	choline (chloride)	291,6mg	Se (selenite)	10mg

### INSTRUCTION FOR USE:

Administer in the mouth infusion or directly on the feed table.

**COWS:** 1-2 week before parturition 200g/head/day. After parturition 250-300g/head/day (up to 90 days of lactation).



#### PACKAGING:

Canister 5kg, 20kg  
Barrel 200kg  
Pallet container 1000kg



## GLIKOMAX

• reduces the risk of ketosis in cows with energy deficiency • improves milk yields

### INDICATION:

Risk of ketosis in dairy cows. Energy deficiencies before and after parturition (hypoglycemia, clinical or subclinical ketosis).

### PROPERTIES:

Provides a source of glucose precursors that are rapidly absorbed from the gastrointestinal tract. Supplements blood glucose deficiencies and relieves symptoms of ketosis. Betaine, niacin, protected choline and methionine support liver function, prevent liver steatosis, influence the reduction of ketone bodies. Due to its appetizing smell and palatability, it is eagerly taken by every cow.

### COMPOSITION:

Propylene glycol, glucose syrup, sorbitol, vegetable glycerin, sodium propionate.

**ADDITIVES (in 1kg):** vitamins; amino acids; micronutrients:

**ENERGY: 16,8 MJ NEL/1kg**

vit. E	1000mg	choline (chloride)	7812mg	methionine (protected)	1250mg	I (iodide)	15mg
niacin	5000mg	methionine	8112mg			Se (selenite)	10mg
betaine	5000mg	choline (protected)	1250mg				

### INSTRUCTION FOR USE:

Administer in the mouth infusion or directly on the feed table.

**COWS BEFORE PARTURITION:** 150-200g/head/day/7-14 days.

**COWS AFTER PARTURITION:** 250-300g/head/day for period of 2-6 weeks.

**WITH SYMPTOMS OF KETOSIS:** 2x300ml/head/day/5 days.



#### PACKAGING:

Canister 5kg, 20kg  
Barrel 200kg  
Pallet container 1000kg



## REDUCING THE RISK OF KETOSIS IN COWS - ENERGY



### GLICEROFARM

- reduces the risk of ketosis in cows with energy deficiency • improves milk yields



**PACKAGING:**  
Canister 5kg, 20kg  
Barrel 200kg  
Pallet container 1000kg

#### INDICATION:

Reducing the risk of ketosis in dairy cows. Energy deficiencies before and after parturition (hypoglycemia). Energy deficiencies in feed. Decrease in appetite after parturition.

#### PROPERTIES:

It increases energy levels and maintains the moisture content of feed ingredients. The formula reduces the effects of negative energy balance and the addition of vitamins and  $\beta$ -carotene supports energy metabolism and has a positive effect on reproduction. Due to its appetizing smell and palatability, it is eagerly taken by every cow.

#### COMPOSITION:

Vegetable glycerin.

**ADDITIVES (in 1kg):** vitamins; amino acids; micronutrients:

**ENERGY: 13,1 MJ NEL/1kg**

vit. A	40000 j.m.	vit. E	270mg	vit. B5	175mg	niacin	187,5mg	Co (sulphate)	7,5mg
<b><math>\beta</math>-carotene</b>	<b>50mg</b>	vit. K3	21,5mg	vit. B6	21,5mg	biotin	375 $\mu$ g	I (iodide)	7,55mg
vit D3	10700 j.m.	vit. B1	10,75mg	vit. B9	5,5mg	betaine	270mg	Se (selenite)	2,25mg
vit. C	270mg	vit. B2	21,5mg	vit. B12	250 $\mu$ g				

#### INSTRUCTION FOR USE:

Administer in the mouth infusion or directly on the feed table.

**COWS:** 1-2 weeks before parturition 400g/head/day. After parturition 300g/head/day (up to 90 days).



## RISK OF KETOSIS IN COWS - ENERGY CORRECTORS



### ENERGOBULL - granulate

- energy corrector (risk of ketosis in cows) • improves milk yields



**PACKAGING:**  
Bucket 3kg  
Bag 25kg

#### INDICATION:

Energy deficiencies in the ration (risk of ketosis). Supplementation of rations based on feeds with high protein content. In herds with reproduction problems.

#### PROPERTIES:

Modern energy corrector designed for high and very high yielding dairy cows in the early lactation period. Provides a complex supply of energy from various sources. Positively influences reproduction and stimulates animals to quickly reach the peak of lactation. Contributes a high level of energy to the ration.

#### COMPOSITION:

Protected fat, propylene glycol, vegetable glycerin, sorbitol, beet pulp (molassed), carob meal, triticale, DDGS corn distillers broth, marine algae, sodium and calcium propionate.

**ADDITIVES (in 1kg):** vitamins:

**ENERGY 13,1 MJ NEL/1kg**

vit. E	250mg	niacin	1000mg
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#### INSTRUCTION FOR USE:

**DAIRY COWS:** 250-300g/head/day, for 90-100 days of lactation.

**COWS (DRY PERIOD):** 150-200g/head/day, for the last 2 weeks before parturition.

If there are symptoms of ketosis, increase the administration to 500g/head/day, for 3-5 days.



### MILKPOWER

- supplements mineral and energy deficiencies in cows • improves milk yields



**PACKAGING:**  
Bucket 3kg  
Bag 25kg

#### INDICATION:

Risk of ketosis, energy deficiencies, metabolic disorders, fatty liver syndrome, reduced milk yield. In herds with reproduction problems.

#### PROPERTIES:

It is designed for high-yielding dairy cows (at risk of ketosis). The raw materials used provide a complex supply of energy from various sources. The addition of amino acids including protected (methionine and choline) supports fat metabolism, protects the liver (reduces fat accumulation in liver tissue) and stimulates animals to quickly achieve peak lactation. It has a positive effect on reproduction. In addition, corn DDGS is a source of protected protein.

#### COMPOSITION:

Protected fat, propylene glycol, carob meal, glucose, sorbitol, DDGS corn distillers broth, calcium monophosphate, calcium propionate, calcium carbonate, marine algae, feed yeast.

**ADDITIVES (in 1kg):** vitamins; amino acids:

**ENERGY: 10,5 MJ NEL/1kg**

niacin	1000mg	choline (protected)	1500mg	methionine (protected)	1500mg
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#### INSTRUCTION FOR USE:

**DAIRY COWS:** Depending on milk yield, 250-500g/head/day as a supplement to roughage or concentrate for the lactation period (up to 90 days).



## SUPPORT OF LIVER FUNCTION



### HEPATOMIX

• *protects cows from liver steatosis and ketosis* • *accelerates fat metabolism*

#### INDICATION:

Metabolic disorders (liver steatosis), fattening of cows in drying out, energy deficiency (risk of ketosis), reduced milk yield.

#### PROPERTIES:

It is intended for use in high-yielding cows and over-fat cows, due to the high burden on the liver that occurs due to intensive metabolism. Energy deficiency often leads to ketosis and then fatty liver. The addition of herbs, vitamins and amino acids in this protected (methionine and choline) supports fat metabolism and removes excess triglycerides accumulated in the liver.

#### COMPOSITION:

Calcium carbonate, feed yeast, silybum, artichoke, oregano, propylene glycol, sorbitol.

**ADDITIVES (in 1kg):** vitamins; amino acids; micronutrients:

vit. E	500mg	vit. B5	145mg	biotin	500µg	choline (protected)	2000mg
vit. B1	60mg	vit. B6	80mg	niacin	6000mg	methionine (protected)	2000mg
vit. B2	70mg	vit. B12	240µg	betaine	10000mg		

#### INSTRUCTION FOR USE:

**COWS (RISK OF KETOSIS AND HEPATIC STEATOSIS):** 100g/head/day/10-14 days.

**CALVES WITH A DEVELOPED RUMEN:** 20g/head/day/5-7 days.



#### PACKAGING:

Sachet 1kg  
Bucket 3kg  
Bag 25kg



### AMINOKET

• *protects cows from liver steatosis and ketosis* • *accelerates fat metabolism*

#### INDICATION:

Risk of ketosis, metabolic disorders (hepatic steatosis), fatness in dried cows, reduced milk yield.

#### PROPERTIES:

It is intended for use in high-yielding cows and over-fat cows, due to the high burden on the liver that occurs due to intensive metabolism. Energy deficiency often leads to ketosis and then fatty liver. The addition of amino acids including protected (methionine and choline) supports fat metabolism and removes excess triglycerides accumulated in the liver.

#### COMPOSITION:

Marine algae, feed yeast, calcium propionate.

**ADDITIVES (in 1kg):** vitamins; amino acids:

niacin	10000mg	choline (protected)	200000mg	methionine (protected)	300000mg
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#### INSTRUCTION FOR USE:

Mix with feed - concentrate or roughage.

**COWS (RISK OF KETOSIS AND HEPATIC STEATOSIS):** 50-100g/head/day. for 10-14 days.

**PREVENTIVE:** 25-50g/head/day. through the lactation period (up to 90 days).



#### PACKAGING:

Bucket 3kg  
Bag 25kg



## REPRODUCTIVE DISORDERS



### B-CAROTIN GEL

• *support preparation for oestrus and reproduction in cows* • *stimulates fertility and reproductive cycle*

#### INDICATION:

Fertility disorders. Poor insemination efficiency, silent and irregular oestrus, lack of oestrus. Mineral and vitamin deficiencies, decreased reproductive rates.

#### PROPERTIES:

Herbs with estrogenic properties, micronutrients, vitamins and β-carotene reduce reproductive disorders. They influence the hormonal cycle and help to increase the manifestation of oestrus symptoms and increase insemination efficiency and mating rates.

#### COMPOSITION:

Herbal processing products (licorice, ginger), vegetable glycerin, propylene glycol, carob meal, sorbitol.

**ADDITIVES (in 1kg):** vitamins; micronutrients:

vit. A	10000000 I.U.	vit. E	25000mg	Zn (chelate)	25000mg	I (iodide)	1000mg
vit. D3	2500000 I.U.	niacin	5000mg	Mn (chelate)	11000mg	Co (sulphate)	105mg
β-carotene	5000mg			Cu (chelate)	6000mg	Se (selenite)	90mg

#### INSTRUCTION FOR USE:

**DAIRY COWS:** Administer orally 100ml between 2-4 weeks before insemination. Postpartum preparation for

insemination: 1st administration: 2 to 4 weeks postpartum, 2nd administration: 2 to 4 weeks before insemination.

**NOTE:** Stop administration when estrous symptoms appear.



#### PACKAGING:

Syringe 100ml





## REPRODUCTIVE DISORDERS



### ESTROMIX B-CAROTIN

• support preparation for oestrus and reproduction in cows • stimulates fertility and estrous cycle

#### INDICATION:

Fertility disorders. Poor insemination efficiency, silent and irregular oestrus, lack of oestrus. Mineral and vitamin deficiencies, decreased reproductive rates.

#### PROPERTIES:

The contained components are involved in the processes of synthesis of reproductive hormones and prevent occurrence of reproductive disorders. It causes clear symptoms of oestrus and has beneficial effect on the efficiency of insemination and embryo implantation, stimulates the reproductive cycle and shortens the inter-ovulation period.

#### COMPOSITION:

Feed yeast, herbs (licorice), propylene glycol, carob meal, calcium monophosphate, fennel extract.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	20000000 I.U.	niacin	30000mg	Zn (chelate)	10000mg	I (iodide)	250mg
β-carotene	5000mg			Mn (chelate)	11000mg	Co (sulphate)	170mg
vit. E	10000mg			Cu (chelate)	6000mg	Se (selenite)	90mg

#### INSTRUCTION FOR USE:

Administer with feed.

**DAIRY COWS:** Administer at a rate of 25g/piece/day for the period from parturition to insemination.

For better effect, administer 50-100g for 7-14 days before the expected date of oestrus.

**NOTE:** Stop administration when estrous symptoms appear.



#### PACKAGING:

Buckets 1,5kg, 3kg  
Bag 20kg



### REPROFEED - granulate

• support preparation for oestrus and reproduction in cows • stimulates fertility • clear signs of oestrus

#### INDICATION:

Fertility disorders. Poor insemination efficiency, silent and irregular oestrus, lack of oestrus. Mineral and vitamin deficiencies, decreased reproductive rates.

#### PROPERTIES:

Intended for high-yielding dairy cows. Administered from 2 weeks before parturition, it contributes to the appearance of clear symptoms of oestrus and has beneficial effect on the effectiveness of insemination, stimulation of the hormonal cycle and better implantation of embryos, shortens the inter-calving period.

#### COMPOSITION:

Triticale, beet pulp, DDGS corn distillers broth, carob meal, wheat bran, wheat starch, glucose, protected fat (fractionated palm oil), beet molasses, calcium monophosphate, magnesium oxide, sodium chloride, calcium carbonate, bentonite.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	800000 I.U.	vit. E	30000mg	Zn (chelate)	30000mg	Co (sulphate)	1090mg
vit. D3	50000 I.U.			Cu (chelate)	8000mg	Se (selenite)	100mg
β-carotene	500mg			I (iodide)	460mg		

#### INSTRUCTION FOR USE:

Administer with feed.

**DAIRY COWS:** Administer 100-120g/head once or twice a week.

Start administration 2 weeks before calving for successful insemination.

**NOTE:** Stop administration when estrous symptoms appear.



#### PACKAGING:

Buckets 1,5kg, 3kg  
Bag 25kg



### REPROMIX

• prepares sows for breeding (flushing) • supplements energy and protein, mineral and vitamin

#### INDICATION:

Poor insemination efficiency, silent and irregular oestrus in sows and gilts. Weakened libido in boars.

#### PROPERTIES:

Supplements energy, protein, mineral and vitamin deficiencies. Helps in the proper preparation of sows and gilts for reproduction. Stimulates hormonal processes and ovulation, improves fertility and prolificacy, increases external signs of oestrus, increases libido and improves the quality of boar semen.

#### COMPOSITION:

Glucose, propylene glycol, carob meal, guar meal, sodium butyrate, organic acids, bentonite.

#### ADDITIVES (in 1kg): vitamins; micronutrients:

vit. A	1000000 I.U.	lysine	15000mg	Zn (chelate)	3000mg	I (iodide)	60mg
vit. D3	2000000 I.U.			Mn (chelate)	2000mg	Se (selenite)	15mg
vit. E	2500mg			Cu (chelate)	1000mg		

#### INSTRUCTION FOR USE:

Administer with feed.

**SOWS:** 70-120g/head/day/3-5 days after weaning piglets. **BOARS:** 120-180g/head/day 2-3 times a week.

**GILTS:** Introduced for breeding - 50g/head/day/7 days before planned mating or insemination.



#### PACKAGING:

Sachet 360g  
Bucket 3,6kg  
Bag 25kg



## BOLUSES FOR COWS - FAST-ACTING



### SELEMAX

• bolus for cows with reproduction problems • contains vitamin E and selenium

#### INDICATION:

Risk of retention of the placenta. Inflammation of the uterus and udder, increased somatic cell count.

#### PROPERTIES:

Reduces cases of placental retention, uterine inflammation, udder inflammation. Has beneficial effect on reducing the count of somatic cells in milk. Positively affects the development of the immune system and colostrum quality.

#### COMPOSITION:

Calcium monophosphate, protected fat, sodium bicarbonate, citric acid, magnesium stearate.

#### One bolus of 80g contains:

vit. E	6750mg	Se (selenite)	45mg
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Calcium (Ca)	4,3g	Phosphorus (P)	11,7g	Sodium (Na)	1,0g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1 bolus.

Prevention: 1st administration: 2-3 weeks before parturition, 2nd administration: 2-3 weeks before insemination.

Give in case of: uterine or udder inflammation, calving problems, lack of oestrus.

Bioavailability of the bolus content occurs after dissolution in the rumen, 10-45 min.

#### PACKAGING:

Box of 10xbolus 80g each



### REPROMAX

• bolus for cows with oestrous problems • intensifies estrous symptoms

#### INDICATION:

Poor insemination efficiency, silent and irregular oestrus, no oestrus.

#### PROPERTIES:

Supplements deficiencies of elements and vitamins and  $\beta$ -carotene. Has a significant effect on preparing animals for the upcoming oestrus and increasing insemination efficiency and conception rate. Causes stimulation of the cycle and shortening of the inter-calving period.

#### COMPOSITION:

Calcium monophosphate, sodium bicarbonate, protected fat, citric acid, magnesium stearate.

#### One bolus of 100g contains:

vit. A	1000000 I.U.	vit. E	4000mg	Zn (oxide)	4000mg	Co (sulphate)	30mg
vit. D3	500000 I.U.			Cu (chelate)	2000mg	Se (selenite)	50mg
$\beta$ -carotene	470mg			I (iodide)	500mg		

Calcium (Ca)	7,5g	Phosphorus (P)	11,0g	Sodium (Na)	1,2g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1 bolus at a time 2 to 4 weeks before insemination.

Bioavailability of the bolus content occurs after dissolution in the rumen, 10-45 min.

#### PACKAGING:

Box of 10xbolus 100g each



### OVOMAX

• bolus for cows with reproductive disorders • intensifies oestrous symptoms • higher conception rate

#### INDICATION:

Irregular reproductive cycle. Silent oestrus or lack of oestrus. Poor insemination efficiency. Embryo death.

#### PROPERTIES:

Herbs with estrogenic properties, micronutrients, vitamins and  $\beta$ -carotene are involved in the synthesis of enzymes and reproductive hormones. It has a beneficial effect on the occurrence of clear symptoms of oestrus and the effectiveness of insemination. It stimulates the reproductive cycle and shortens the inter-ovulation period.

#### COMPOSITION:

Licorice, rue herb, vitex, ginseng, sodium bicarbonate, protected fat, citric acid, magnesium stearate.

#### One bolus of 60g contains:

vit. A	600000 I.U.	$\beta$ -carotene	300mg	Zn (chelate)	1800mg	I (iodide)	150mg
vit. D3	300000 I.U.	niacin	1800mg	Mn (chelate)	1800mg	Co (sulphate)	6mg
vit. E	1500mg			Cu (chelate)	360mg	Se (selenite)	6mg

Sodium (Na)	0,7g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1 bolus at a time 2 to 4 weeks before insemination or 1st administration: 2-4 weeks postpartum,

2nd administration: 2-4 weeks before insemination.

Bioavailability of the bolus content occurs after dissolution in the rumen, 10-45 min.

#### PACKAGING:

Box of 10xbolus 60g each





## BOLUSES FOR COWS - FAST-ACTING



### CALCIMAX

• bolus for cows at risk of postpartum paralysis • supplies calcium

#### INDICATION:

Periparturient calcium deficiencies, paralysis.

#### PROPERTIES:

Supplements calcium deficiencies caused by the start of lactation. Contains rapidly bioavailable calcium from calcium formate, calcium propionate and calcium monophosphate, as well as longer-acting calcium carbonate and algae. Vitamin D3 regulates calcium metabolism and niacin (vitamin PP) protects the liver and influences glucogenesis.

#### COMPOSITION:

Calcium propionate, calcium formate, calcium monophosphate, marine algae, calcium carbonate, sodium bicarbonate, citric acid, magnesium stearate.

#### One bolus of 90g contains:

vit. D3	45000 I.U.	niacin	900mg
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Calcium (Ca)	24,0g	Sodium (Na)	1,0g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1-2 boluses.

Prevention: 1st administration: before parturition or after noticing the first signs of parturition, 2nd administration: 12-24h after the first administration. In combination with treatment of paralysis: 1 bolus after 2- 4h after intravenous calcium preparations. Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.

#### PACKAGING:

Box of 10xbolus 90g each



### FOSFOMAX

• bolus for cows at risk of long lagging • supplies phosphorus and calcium

#### INDICATION:

Postpartum paralysis and lying down in high-yielding cows.

#### PROPERTIES:

About 30% of cows with periparturient lying down are found deficient in phosphorus. It contains easily digestible phosphorus (calcium monophosphate) so it can quickly restore the proper Ca : P balance. Niacin (vitamin PP) has a beneficial effect on the metabolism of carbohydrates and fats.

#### COMPOSITION:

Calcium monophosphate, cellulose fiber, sodium bicarbonate, protected fat, citric acid, magnesium stearate.

#### One bolus of 115g contains:

niacin	2300mg
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Phosphorus (P)	22,8g	Calcium (Ca)	15,5g	Sodium (Na)	1,4g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1-2 boluses.

Preventive: 1st administration: immediately after parturition, 2nd administration: 12-24h after the first administration. In combination with treatment of paralysis: 1 bolus after 2- 4h after administration of intravenous calcium preparations. Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.

#### PACKAGING:

Box of 10xbolus 115g each



### ENERMAX

• bolus for cows at risk of ketosis • supplies energy • protects liver

#### INDICATION:

Energy deficiencies before and after parturition. Reducing the risk of ketosis.

#### PROPERTIES:

The addition of glycol and protected fat reduces the risk of ketosis. Sodium and calcium propionate are glucose precursors. Sorbitol protects the liver and helps digest fats. Niacin (vitamin PP), protected methionine and choline have a protective effect on the liver and reduce the risk of ketosis.

#### COMPOSITION:

Calcium and sodium propionate, protected fat, propylene glycol, sorbitol, sodium bicarbonate, citric acid, magnesium stearate.

#### One bolus of 60g contains:

niacin	5000mg	choline (protected)	5000mg	methionine (protected)	5000mg
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Calcium (Ca)	15,5g	Sodium (Na)	2,1g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1-2 boluses.

Preventive: 1 administration: 3-5 days before parturition, 2 administration: immediately after parturition. For energy deficiencies (ketosis): give 2 boluses at one time and repeat on the second day. Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.

#### PACKAGING:

Box of 10xbolus 60g each





## BOLUSES FOR COWS - FAST-ACTING



### NIACIMAX

• **bolus for fattened cows and those at risk of ketosis** • **protects liver** • **increases milk yields**

#### INDICATION:

Metabolic disorders - fatness of dried cows, liver protection (steatosis), ketosis.

#### PROPERTIES:

The addition of niacin and protected methionine and choline is recommended when the condition of dried cows is too good (BCS > 4). They reduce the effects of poor nutrition and energy deficiency, especially during the first phase of lactation. They protect the liver and affect glucogenesis. They reduce the risk of ketosis and hepatic steatosis.

#### COMPOSITION:

Calcium monophosphate, calcium propionate, protected fat, sodium bicarbonate, cellulose fiber, citric acid, magnesium stearate.

#### One bolus of 100g contains:

niacin	12000mg	Methionine (protected)	5000mg	Choline (protected)	5000mg
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Calcium (Ca)	11,5g	Phosphorus(P)	7,4g	Sodium (Na)	1,2g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1-2 boluses.

Prevention: 1 administration: 14 days before parturition, 2 administration: 7 days before parturition, 3 administration immediately after parturition, 4 administration 7-14 days after parturition.

Fatted cows: administer 1-2 boluses, every 2nd day for 2 weeks.

Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.



#### PACKAGING:

Box of 10xbolus 100g each



### BUFOMAX

• **bolus for cows with acidosis** • **regulates rumen pH** • **prevents acidosis - restores appetite**

#### INDICATION:

Excessive acidification of rumen contents, restoration of damaged rumen microflora. High rations of concentrate feed and deficiency of structural fiber in the ration. Digestive disorders (poor rumen work).

#### PROPERTIES:

Reduces the risk of acidosis in high-yielding cows, exhibits a buffering effect, stabilizes rumen pH at an optimal level of 6.3 - 6.8. Improves anaerobic conditions and stabilizes microbial metabolism in the rumen. Restores appetite, binds bacterial endotoxins.

#### COMPOSITION:

Sodium bicarbonate, marine algae, calcium propionate, magnesium stearate. Live yeast *Saccharomyces cerevisiae* NCYC R404 10x10<sup>9</sup> CFU.

#### One bolus of 110g contains:

niacin	3300mg
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Calcium (Ca)	4,3g	Phosphorus (P)	11,8g	Sodium (Na)	1,0g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1-2 boluses.

Cows showing symptoms of acidosis: give 1-2 boluses daily, for 3-4 days.

Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.



#### PACKAGING:

Box of 10xbolus 110g each



### STOPOMAX

• **bolus for cows at risk of diarrhea** • **stabilizes digestion** • **inhibits dehydration** • **binds toxins**

#### INDICATION:

Digestive disorders (digestive indigestion, diarrhea in cattle of various etiologies).

#### PROPERTIES:

Quickly and effectively stabilizes digestive processes. Tannins protect the mucous membranes of the digestive tract, reduce dehydration and penetration of microorganisms into the intestinal epithelium. Pectins reduce inflammation and eliminate digestive disorders. Reduces the risk of putrefactive processes in the rumen and intestines.

#### COMPOSITION:

Hydrolyzed tannins from *Castanea sativa* Mill., calcium monophosphate, sodium and potassium chloride, pectin, sodium bicarbonate, protected fat, citric acid, magnesium stearate.

#### One bolus of 80g contains:

natural plant tannins and pectin	70%
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Calcium (Ca)	2,8g	Phosphorus (P)	4,1g	Sodium (Na)	3,3g	Potassium (K)	1,2g
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#### INSTRUCTION FOR USE:

**COWS:** Administer 1- 2 boluses.

Adult cattle, fattening cattle: give 1-2 times a day for 2-3 days.

Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.



#### PACKAGING:

Box of 10xbolus 80g each





## BOLUSES FOR COWS - FAST-ACTING



### RUMIMAX

• *bolus for cattle with weakened rumen function* • *strongly stimulates peristalsis*

#### INDICATION:

Lack of appetite, weakened rumen function (indigestion), bloating, constipation.

#### PROPERTIES:

Herbs have stimulating effect on the peristaltic movements of the digestive tract, increase the secretion of digestive juices. Live yeast and trace elements influence the proper functioning of the flora of the rumen.

#### COMPOSITION:

Wormwood herb, caraway fruit, calamus rhizome, buckthorn bark, gentian root, sodium bicarbonate, magnesium sulfate, calcium monophosphate, sodium bicarbonate, protected fat, citric acid, magnesium stearate. Live yeast *Saccharomyces cerevisiae* NCYC R404 20x10<sup>9</sup> CFU.

#### One bolus of 80g contains:

niacin	2400mg	Zn (chelate)	300mg	Mn (chelate)	176mg	Cu (chelate)	96mg	Co (sulphate)	16mg
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Calcium (Ca)	4,2g	Sodium (Na)	1,2g	Magnesium (Mg)	1,2g
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#### INSTRUCTION FOR USE:

**COWS:** For indigestion, lack of appetite, rumen atony: give 1-2 boluses at a time. Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.



#### PACKAGING:

Box of 10xbolus 80g each



### APETIMAX

• *bolus for cows with weakened appetite* • *supports digestive processes*

#### INDICATION:

Weakness and lack of appetite, indigestion, restoration of rumen microflora.

#### PROPERTIES:

Unique composition of herbs, minerals and trace elements in the form of chelates and live yeast, which has a beneficial effect on appetite, supports digestive processes, especially during the perinatal period.

#### COMPOSITION:

Sodium bicarbonate, magnesium sulfate, calcium monophosphate, feed yeast, sorbitol, calcium propionate, ginger root, chicory, protected fat, citric acid, magnesium stearate. Live yeast *Saccharomyces cerevisiae* NCYC R404 20x10<sup>9</sup> CFU.

#### One bolus of 80g contains:

Zn (chelate)	200mg	Mn (chelate)	200mg	Cu (chelate)	96mg	Fe (chelate)	14,4mg	Co (sulphate)	16mg
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Calcium (Ca)	3,5g	Phosphorus(P)	2,6g	Sodium(Na)	1,0g	Magnesium(Mg)	1,2g
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#### INSTRUCTION FOR USE:

**COWS:** Cows showing a decrease or lack of appetite - give 1-2 boluses per day, for 1-2 days. Bioavailability of bolus contents occurs after dissolution in the rumen, 10-45 min.



#### PACKAGING:

Box of 10xbolus 80g each



## BOLUSES FOR COWS - LONG-ACTING



### B-CAROTIN SLOW

RELEASE UP TO 3 WEEKS



• *bolus for cows with reproduction problems* • *supplements micronutrients and vitamins*

#### INDICATION:

Supporting for oestrus and reproduction. Micronutrient and vitamin deficiencies. Problems in reproduction (poor insemination efficiency, silent and irregular oestrus, lack of oestrus).

#### PROPERTIES:

Mineral-vitamin bolus with  $\beta$ -carotene supplements deficiencies and has significant effect on preparing animals for the upcoming oestrous cycle, intensifying the manifestation of oestrous symptoms and increasing insemination efficiency and conception rate. Administration of the bolus influences the shortening of the inter-breeding period.

#### COMPOSITION:

Calcium monophosphate, protected fat, hydrolyzed tannins, stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 120g	dose/1 day	MICRONUTRIENTS	in 1 bolus 120g	dose/1 day
vit. A	2400000 I.U.	120000 I.U.	Zn (oxide)	30600mg	1530mg
vit. E	1800mg	90mg	Mn (oxide)	15600mg	780mg
$\beta$ -carotene	2160mg	108mg	Cu (sulphate)	2400mg	120mg
			I (iodide)	1920mg	96mg
			Co (sulphate)	1920mg	96mg
			Se (selenite)	160mg	8mg

#### INSTRUCTION FOR USE:

**COWS:** Give 1 bolus at a time 30 days after delivery or 3-4 weeks before insemination.



#### PACKAGING:

Box of 10xbolus 120g each



## BOLUSES FOR COWS - LONG-ACTING



### GARLIMAX SLOW

RELEASE UP TO 7 DAYS



• *bolus for cows with high somatic cell counts*

#### INDICATION:

High levels of somatic cells in the milk of cows (SCC), inflammation of the udder and uterus. Lack of appetite.

#### PROPERTIES:

Plant extracts, vitamins and selenium have a beneficial effect on natural immunity and regeneration of the udder (reducing the risk of high somatic cell count, inflammation of the uterus and udder and retention of the placenta). Natural extracts increase appetite and have a beneficial effect on digestion.

#### COMPOSITION:

Dried garlic, calcium monophosphate, protected fat, plant extracts (garlic, thyme, clove, oregano, cinnamon, eucalyptus, mint), stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 100g	dose/1 day	MICRONUTRIENTS	in 1 bolus 100g	dose/1 day
vit. E	7000mg	1000mg	Se (selenite)	45,5mg	6,5mg
<b>β-carotene</b>	<b>350mg</b>	<b>50mg</b>			

#### INSTRUCTION FOR USE:

**COWS:** If the number of somatic cells (SCC) in the milk is high, give 1 bolus intraruminal.

A second bolus can be given after 2 weeks.

In case of lack of appetite, we give 1 bolus.



#### PACKAGING:

Container 7xbolus 100g



### SOMIMAX SLOW

RELEASE UP TO 3 WEEKS



• *bolus for cows with high somatic cell counts*

#### INDICATION

High levels of somatic cells in milk (SCC), mastitis, metritis in cows, mineral and vitamin deficiencies.

#### PROPERTIES:

The medicinal plant extracts, vitamins and trace elements contained in the preparation have a beneficial effect on the body's natural immunity and regeneration of the udder (reducing the risk of high somatic cell count), inflammation of the uterus, udder and retention of the placenta.

#### COMPOSITION:

Dried garlic, calcium monophosphate, protected fat, magnesium oxide, plant extracts (garlic, thyme, clove), stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 100g	dose/1 day	MICRONUTRIENTS	in 1 bolus 100g	dose/1 day
vit. E	2000mg	100mg	Zn (oxide)	8000mg	400mg
<b>β-carotene</b>	<b>1000mg</b>	<b>50mg</b>	Mn (oxide)	5600mg	280mg
			I (iodide)	180mg	9mg
			Se (selenite)	160mg	8mg

#### INSTRUCTION FOR USE:

**COWS:** Interventionally administer 1 bolus intraruminal when the somatic cell count (SCC) in milk is high. A second bolus may be given after 4 weeks.

Preventively, give 1 bolus at the time of drying off and 7 days before calving.



#### PACKAGING:

Container 7xbolus 100g



### BIOTIN SLOW

RELEASE UP TO 8 WEEKS



• *bolus for high yielding cows ( indoor breeding) • provides biotin • increases hoof hardness*

#### INDICATION

Supporting hoof and skin regeneration. Weakened hoof horn (subclinical acidosis), mineral and vitamin deficiencies.

#### PROPERTIES:

Supplements micronutrient and vitamin deficiencies. Reduces the risk of cows failing due to hoof diseases. Reduces the risk of hoof horn softening, increases immunity. Daily dose of 20mg of biotin strengthens hooves. Bolus administration benefits immunity and shortens the inter-calving period.

#### COMPOSITION:

Calcium monophosphate, protected fat, stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 120g	dose/1 day	MICRONUTRIENTS	in 1 bolus 120g	dose/1 day
vit. A	600000 I.U.	10000 I.U.	Zn (oxide)	13500mg	225mg
<b>biotin</b>	<b>1200mg</b>	<b>20mg</b>	Mn (oxide)	7200mg	120mg
			Cu (sulphate)	2400mg	40mg
			I (iodide)	900mg	15mg
			Co (sulphate)	240mg	4mg
			Se (selenite)	120mg	2mg

#### INSTRUCTION FOR USE:

**COWS:** 1st administration - 1 bolus 8 weeks before parturition, 2nd administration - 1 bolus after parturition, 3rd administration - 1 bolus 8 weeks after parturition.



#### OPAKOWANIA:

Box of 10xbolus 120g each



## BOLUSES FOR COWS - LONG-ACTING



### NIACIMAX SLOW

RELEASE UP TO 3 WEEKS



• *bolus for fattened cows and those at risk of ketosis* • *protects the liver*

#### INDICATION:

Fatness of dried cows, liver protection (steatosis), ketosis.

#### PROPERTIES:

The addition of niacin and protected amino acids is indicated when the condition of dried cows is too good (BCS > 4). They have a protective effect on the liver and reduce the risk of ketosis and hepatic steatosis.

#### COMPOSITION:

Calcium monophosphate, protected fat, stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 100g	dose/1 day	AMINO ACIDS	in 1 bolus 100g	dose/1 day
niacin	60000mg	3000mg	choline (protected)	5000mg	250mg
			methionine (protected)	5000mg	250mg

#### INSTRUCTION FOR USE:

**COWS:** Administer 1 bolus.

Prevention: 1st administration: 2-3 weeks before parturition, 2nd administration 7-14 days after parturition.

Fatted cows: give 1 bolus, every 3 weeks for 2-3 months.



#### PACKAGING:

Box of 10xbolus 100g



### ALLTRACE-PLUS SLOW

RELEASE UP TO 12 WEEKS



• *bolus for cows with high milk yields* • *supplements micronutrients and vitamins*

#### INDICATION:

Long-term supplementation of animals with trace elements and vitamins. Micronutrient and vitamin deficiencies in cows and heifers.

#### PROPERTIES:

Supplements micronutrient, vitamin deficiencies. Reduces the risk of nutritional deficiencies in animals on pasture and fed silage. Has a beneficial effect on immunity, shortens the inter-calving period and reduces the risk of placenta retention after parturition.

#### COMPOSITION:

Calcium monophosphate, protected fat, stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 120g	dose/1 day	MIKRONUTRIENTS	in 1 bolus 120g	dose/1 day
vit. A	2700000 I.U.	30000 I.U.	<b>Zn (oxide)</b>	<b>20700mg</b>	<b>230mg</b>
vit. D3	360000 I.U.	4000 I.U.	Mn (oxide)	16200mg	180mg
vit. E	2700mg	30mg	Cu (sulphate)	6750mg	75mg
			I (iodide)	1100mg	12mg
			Co (sulphate)	405mg	4mg
			Se (selenite)	180mg	2mg

#### INSTRUCTION FOR USE:

**COWS:** Administer 1 bolus.

Dairy cows at the time of drying out. In-calf heifers, primiparous cows - 2 months before parturition.



#### PACKAGING:

Box of 10xbolus 120g



### HIGHIODIN-PLUS SLOW

RELEASE UP TO 12 WEEKS



• *bolus for cows with high milk yields* • *supplements micronutrients and vitamins*

#### INDICATION:

Long-term supplementation of animals with trace elements and vitamins. Micronutrient and vitamin deficiencies in cows and heifers.

#### PROPERTIES:

Supplements micronutrient, vitamin deficiencies. Reduces the risk of nutritional deficiencies in animals on pasture and fed silage. Has a beneficial effect on immunity, shortens the inter-calving period and reduces the risk of placenta retention after parturition.

#### COMPOSITION:

Calcium monophosphate, protected fat, stearic acid, magnesium stearate.

VITAMINS	in 1 bolus 120g	dose/1 day	MIKRONUTRIENTS	in 1 bolus 120g	dose/1 day
vit. A	2250000 I.U.	25000 I.U.	Zn (oxide)	16650mg	185mg
vit. D3	270000 I.U.	3000 I.U.	Mn (oxide)	10800mg	120mg
vit. E	4050mg	45mg	Cu (sulphate)	9900mg	110mg
			<b>I (iodide)</b>	<b>1800mg</b>	<b>20mg</b>
			Co (sulphate)	270mg	3mg
			Se (selenite)	270mg	3mg

#### INSTRUCTION FOR USE:

**COWS:** Administer 1 bolus.

Dairy cows at the time of drying out. In-calf heifers, primiparous cows - 2 months before parturition.



#### PACKAGING:

Box of 10xbolus 120g



## BOLUS APPLICATION - NOTES



1. Boluses are administered using a special applicator.
2. Do not administer to cows lying down, with impaired swallowing reflex.
3. Avoid simultaneous delivery from other sources of additives with the maximum dose already contained in the bolus.
4. Before use, it is recommended to consult a veterinarian or a specialist for nutrition regarding the balance of trace elements in the daily dose.



## HEATING AND SPOILAGE OF FEED



### TERMOSTOP

- prevents spoilage of feed at high temperatures
- inhibits the proliferation of bacteria, fungi and mold
- improves the quality and palatability of feed

#### INDICATION:

Overheating and spoilage of feed, decrease in milk yield, problems in reproduction.

#### PROPERTIES:

Overheating and spoilage of silage and TMR is caused by harmful bacteria, fungi and molds that utilize nutrients in the cows' feed which results in reduced feed value. The proliferation of unfavorable microorganisms causes an increase in feed temperature and excessive production of unfavorable components, such as lactic acid, which reduces feed palatability and intake. In addition, there is contamination of feed with harmful toxins that cause immunity and reproduction problems. There is then high risk of energy deficiencies in the ration, the occurrence of indigestion and metabolic disorders (ketosis and acidosis). A clear symptom in cows is reduced milk yield, by up to 10L of milk.

#### COMPOSITION:

Sodium chloride, sodium propionate, calcium propionate, calcium formate, calcium carbonate, sorbic acid, citric acid, malic acid, potassium sorbate.

#### INSTRUCTION FOR USE:

**COWS:** The mixture is applied at a rate of 1kg/T of feed. In case of high heating of TMR, it is recommended to increase the amount of the preparation to 2kg/T of feed.

**SPRAY:** 1-2kg of preparation (depending on the intensity of feed heating) dissolve in 5L of water. Spray the solution on the front and sides of the silage pile.



**PACKAGING:**  
Bag 25kg



## MYCOTOXIN UPTAKE FROM FEED



### DETOXAL

- prevents the occurrence of mycotoxicosis • effectively captures and binds mycotoxins from the feed

#### INDICATION:

Threat and occurrence of mycotoxins in feedstuffs.

#### PROPERTIES:

Effectively captures and binds mycotoxins from feed preventing their absorption from the gastrointestinal tract. It contains polysaccharides from yeast walls (MOS and  $\beta$ -glucans), as well as chestnut tannins and herbal extracts with adsorptive and mycotoxin-reducing properties. Zeolite, bentonite and sepiolite are natural hydrated aluminosilicates (Ca+Na+K+Mg) showing a high degree of absorption capacity due to internal channels. The formulation protects the liver, prevents the occurrence of mycotoxicosis, and does not bind drugs, micro- and macroelements and vitamins from the feed.

#### COMPOSITION:

Aluminosilicates (zeolite, bentonite, sepiolite), Saccharomyces cerevisiae cell walls, roasted cereal grains, hydrolyzed tannins from Castanea sativa Mill., calcium carbonate, herbs and herbal extracts (cinnamon, clove, thyme).

#### INSTRUCTION FOR USE:

Formulation recommended for all types of feed for pigs, cattle, poultry and rabbits.

Preventive: 1kg/T of feed. Presence of mycotoxins in feed 2-2.5kg/T of feed.

**COWS:** 15g/cow/day.

**CALVES:** 3-5g/head/day..



**PACKAGING:**  
Bucket 3kg  
Bags 10kg, 25kg

**Note:** It does not bind drugs and vitamins from the feed.





## MYCOTOXIN UPTAKE FROM FEED



### MYCOMIX

- prevents the occurrence of mycotoxicosis • effectively captures and binds mycotoxins from feed



**PACKAGING:**  
Bucket 5kg  
Bags 10kg, 25kg

#### INDICATION:

The threat and occurrence of mycotoxins in feed.

#### PROPERTIES:

Contains polysaccharides (MOS and  $\beta$ -glucans) from yeast walls and aluminosilicates with mycotoxin-binding properties. It exhibits very high absorption of mycotoxins from feed. Binds water from the feed, which prevents the growth of bacteria and fungi.

#### COMPOSITION:

Aluminosilicates (bentonite), *Saccharomyces cerevisiae* yeast cell walls, calcium carbonate.

#### INSTRUCTION FOR USE:

Recommended for all feeds for pigs, cattle and poultry and pigeons. Preventive:

1-2kg/T of feed. Presence of mycotoxins in feed: 2.5-3kg/T of feed.

**CATTLE:** 30-50g/cow/day.

**CALVES:** 5-10g/head

**GOŁĘBIE:** 10-20g/5kg feed.

*Note: It does not bind drugs and vitamins from the feed.*



### SORBOFEED

- prevents the occurrence of mycotoxicosis • effectively captures and binds mycotoxins from feed



**PACKAGING:**  
Bucket 5kg  
Bags 10kg, 25kg

#### INDICATION:

The threat and occurrence of mycotoxins in feed.

#### PROPERTIES:

A blend of three natural aluminosilicates zeolite, bentonite and sepiolite exhibits a high degree of mycotoxin absorption capacity due to internal channels. It captures and binds mycotoxins from the feed preventing their absorption from the digestive tract. Binds water from the feed, which prevents the growth of bacteria and fungi.

#### COMPOSITION:

Aluminosilicates (zeolite, bentonite, sepiolite), calcium carbonate.

#### INSTRUCTION FOR USE:

Recommended for all feeds for pigs, cattle, poultry and rabbits. Preventive: 1-3kg/T of feed.

Presence of mycotoxins in feed: 3-5kg/T of feed.

**CATTLE:** 50-100g/cow/day.

**CALVES:** 10-15g/head

*Note: It does not bind drugs and vitamins from the feed.*



## DISINFECTION



### PLI-SEQ

- dries and disinfects • provides a hygienic and dry surface



**PACKAGING:**  
Sachet 1kg  
Bag 25kg

#### INDICATION:

Moist bedding, piglet morbidity, mastitis in cows. Draining piglets by "dry" bathing.

#### PROPERTIES:

Provides a hygienic and dry surface (bactericidal and larvicidal). Significantly reduces ammonia levels (clean air). Increases the quality of the litter utilization (better moisture absorption properties). Maintains bedding at proper temperature up to 30°C (reduced bacterial activity). Dehumidifies and sanitizes bedding and reduces ammonia levels. Reduces falls. Through the so-called dry bath, reduces inflammation and irritation of hooves.

#### COMPOSITION:

Calcium carbonate, aluminosilicates (zeolite, sepiolite, bentonite), cellulose, oils ( melissa, eucalyptus, mint).

#### INSTRUCTION FOR USE:

**PIGS:** Sows - 40g/head/day or 100g/3x a week (sprinkle the back of the sow in the pen and the surface of the catwalk). Piglets: sprinkle daily on the bed and the hotplate. Pigs on straw - 300g/head/week.

**CATTLE:** 50 - 100g/m<sup>2</sup>, 1-2x a week. **CALVES:** 100g/m<sup>2</sup>, 3x a week.

**POULTRY:** 70g/m<sup>2</sup>, 2x a week. **PIGEONS:** 50g/m<sup>2</sup>, 2x a week.

*Note: Can be used in the presence of animals.*



## UDDER CARE IN COWS



### MINT BALSAM cooling balm

- oils of mint, eucalyptus and tea tree • menthol
- relieves swelling and inflammation of the udder in cows



**PACKAGING:**  
Containers 500ml, 1000ml

#### INDICATION:

Acute inflammation with oedema of the udder, pre- and postpartum physiological oedema, myalgia and neuralgia.

#### PROPERTIES:

Cools, relieves pain, has calming effect, stimulates tissue regeneration. Helps reduce peri-partum and inflammatory oedema of the udder. Enhances the natural immunity of the udder.

#### COMPOSITION:

Japanese peppermint oil, eucalyptus and tea tree oil, menthol, liquid paraffine, glycerin vegetable, citric acid, denatured alcohol, polysorbate 20&80, polyacrylamide, sodium benzoate, water.

#### INSTRUCTION FOR USE:

Rub 1 tablespoon of balm into the udder. Apply 2-3 times a day after milking for 2-3 days.

**USE EXTERNAL • WITHDRAWAL PERIOD OF THE MILK: none.**



### HOT-DERM warming cream

- camphor - methyl salicylate • turpentine and cinnamon oil
- relieves oedema and inflammation of the udder in cows



**PACKAGING:**  
Containers 500ml, 1000ml

#### INDICATION:

Pre- and postpartum oedema and udder inflammation in cows.

#### PROPERTIES:

A cream with a warming effect. The contained ingredients increase blood circulation in the skin and muscles. Help reduce peri-partum and inflammatory oedema of the udder. Provides maintenance of teat skin elasticity.

#### COMPOSITION:

Camphor, methyl salicylate, turpentine oil, cinnamon oil, liquid paraffin, vegetable glycerin, citric acid, denatured alcohol, polysorbate 20&80, polyacrylamide, sodium benzoate, water.

#### INSTRUCTION FOR USE:

Rub gently into affected areas after each milking. Apply 2-3 times daily until lesions disappear.

**USE EXTERNAL • WITHDRAWAL PERIOD OF THE MILK: none.**



### CALM-DERM cream to promote healing and regeneration of the udder

- allantoin and panthenol • calendula and chamomile extracts • lavender oil
- relieves inflammation of the udder in cows



**PACKAGING:**  
Containers 500ml, 1000ml

#### INDICATION:

Hard-to-heal wounds (even purulent wounds), burns, frostbite, skin eruptions, skin cracks, bruises, and inflammation of the udder of cows.

#### PROPERTIES:

It contains plant extracts and substances that accelerate granulation and wound healing. It is quickly absorbed and smooths the epidermis. Has a calming effect on all skin irritations, cracks, insect bites.

#### COMPOSITION:

Calendula and chamomile extract, lavender oil, allantoin, panthenol, liquid paraffine, vegetable glycerin, citric acid, denatured alcohol, polysorbate 20&80, polyacrylamide, sodium benzoate, water.

#### INSTRUCTION FOR USE:

Rub the affected areas after each milking. Apply 2-3 times daily until lesions disappear.

**USE EXTERNAL • WITHDRAWAL PERIOD OF THE MILK: none.**



### MAME-DERM daily udder care cream

- peppermint, eucalyptus and cinnamon oils
- regenerates and ensures the elasticity of the udder skin in cows



**PACKAGING:**  
Container 500ml

#### INDICATION:

It ensures proper protection, flexibility of the udder and teats, and prevents dryness and cracking of the skin.

#### PROPERTIES:

Contains natural plant oils. They have warming effect, relieve inflammation and regenerate the teat skin. Cream perfectly regenerates, makes the teats more flexible, protects them from cracking and damage during milking.

#### COMPOSITION:

Peppermint oil, eucalyptus oil, cinnamon oil, liquid paraffine, vegetable glycerin, citric acid, denatured alcohol, polysorbate 20&80, polyacrylamide, sodium benzoate, water.

#### INSTRUCTION FOR USE:

Every day after each milking, coat and then rub into the skin of the udder and teats.

**USE EXTERNAL • WITHDRAWAL PERIOD OF THE MILK: none.**





## NEW TECHNOLOGIES IN BREEDING

PBN is a Polish manufacturer of highly specialized complementary feeds to solve animal production problems.

The company with 20 years of tradition offers well-known and effective preparations used by veterinarians and animal breeders. Combining modernity with nature, we continue to expand our offer with new products that meet the needs of modern breeding. All PBN products are safe and natural, produced without genetically modified ingredients confirmed by international VLOG certificate.

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