



Your Partner
FOR RUMINANT WELL-BEING & PERFORMANCE

WELL-BEING



- Growth Performance
- Digestive Well-being
- Overall Well-being
- Challenging Period

ENERFEED - The « energy supply » and « iron pack » to newborn calves

HYDRAFEED

NATYDRATE



DIAFEED

BOLITRACE YOUNG

Long-term supply of trace elements and vitamins for young growing cattle

BIOBRON

Support recovery and relaunches appetite during sanitary challenges

VITAVEL

Stabilization of physiological digestion



Calf



Heifer

Birth

~6 months

1st Insemination
15-21 months

1st Calving
~24-30 months

Growth Performance

Digestive Well-being

Challenging Period

Overall Well-being





GROWTH PERFORMANCE



BOVISTART



The « boost » to the newborn calves:

-  **Colostrum, Dried egg products, Cod Liver Oil, Sugars**
→ Rapid energy intake
-  **Lactic Bacteria, Colostrum and Vitamins**
→ Strengthen of the calf's digestive system development
-  **Colostrum, Vitamins (A, D3, E)**
→ Contribution to strengthen immune system
-  **Essential oils**
→ Aromatic substances

RECOMMENDED USAGE

Intended in case of:

- Weak calves at birth
- Low value colostrum
- Absence of drinking or suckling during the first following hours
- Milk leaks before calving

Instructions of use:



- 1 syringe in the first hours after birth
- A second one 24h later, if required



ENERFEED



The « energy supply » and « iron pack» to newborn calves:

-  **Vitamin C, Medium chain fatty acids & glucose syrup**
→ Quickly assimilated energy
→ Supports quick standing, suckling reflex and consumption of maternal colostrum
-  **Iron chelates**
→ Chelated form increases bioavailability
→ Supports hemoglobin synthesis, oxygenation, vitality and growth

RECOMMENDED USAGE

Intended in case of:

- Weak calves at birth (anoxia, difficult calving)
- Heavy calf
- 2nd lactation cow (iron deficiency)

Instructions of use:




- 15 mL right after birth (1 syringe = 1 calf)



COLOFEED



The « immunity support » to newborn calves:

-  **IBR - Bovine Colostrum, Egg Powder**
→ Contributes to the development of immunity, strengthens passive and own immunity
-  **Protein hydrolysate, Chicory inulin**
→ Prebiotic pack, beneficial effect on the flora and strengthening of intestinal flora
-  **Vitamin C, Medium chain fatty acids**
→ High energy source
- Chelated trace elements, Iodine, Selenium**
→ General support of vital metabolic functions

RECOMMENDED USAGE

Intended in case of:

- Calf from heifer or HP cow
- Low value colostrum
- Insufficient colostrum quantity
- Recurrent issues

Instructions of use:

- 60 mL right after birth (in several times)
- 1 syringe = 1 calf



CALVES



COWS



DIGESTIVE WELL-BEING



VITAVEL



Dietary powder for stabilization of physiological digestion

- Lactic Bacteria**
→ Helps in settling beneficial digestive flora
- Yeasts**
→ Favours the maturation of rumen ecosystem and support of growth performance
- Plant Extracts**
→ Strengthen the calf's resistance by helping to boost the immune system

RECOMMENDED USAGE

Intended in case of:
→ During and after digestive troubles

- Instructions of use:**
- 1st week: 15 g/calf/day
 - 2nd week to weaning: 10 g/calf/day
 - In case of digestive disorder: 15 to 20 g/calf/day during 8 to 10 days



Powder

OVERALL WELL-BEING



BOLITRACE YOUNG

Long-term supply of trace elements and vitamins for young growing cattle

- Iodine, copper, manganese, zinc, selenium, cobalt, Vit A, D3, E**
→ General heifer support : growth, mammary gland development, reproductive functions
→ Contribute to the maintenance of immune functions
→ Supports the development of the unborn calf
- Live yeasts**
→ Helps to support the activity of ruminal flora



RECOMMENDED USAGE

$\begin{matrix} \text{KG} \\ >200 \\ <400 \end{matrix} = \begin{matrix} \text{1 dose} \end{matrix}$

$\begin{matrix} \text{KG} \\ >400 \end{matrix} = \begin{matrix} \text{1 dose} + \text{1 dose} \end{matrix}$

- Animal weight 200 to 400 kg
- One bolus of BOLITRACE YOUNG
- Animal weight > 400kg:
- Two bolus of BOLITRACE YOUNG
- 180 days of controlled release



Bolus

OVERALL WELL-BEING / CHALLENGING PERIOD



BIOBRON 20



Support recovery and relaunches appetite during sanitary challenges:

- Vitamin C and combination of essential oils**
→ Contributes to the good functioning of the immune system
→ Participates in cell's protection against oxidative stress
- Lemon, Oregano and Rosemary essential oils**
- Eucalyptus and Stoch Pine essential oils**
- Combination of plant extracts**
→ Helps to relaunch appetite and recovery

RECOMMENDED USAGE

Intended in case of:
→ Sanitary challenges (environmental changes, vaccination, etc.)

- Instructions of use:**
- In water, with dosing pump
 - Mixed in the milk (young ruminants) or in the diet
 - Directly in the mouth with a dosing gun
- Dose:**
→ 20ml/day per 100kg of live weight for 5 days



Liquid



CALVES



COWS



CHALLENGING PERIOD



HYDRAFEED

Hydration

Digestive system

Energy

WELL-BEING

Effervescent powder based on electrolytes and lactose intended when digestive disorders risks

- Lactose**
→ Rapid energy intake
- Electrolytes**
→ Contributes to rehydration & support in case of discomfort
→ Facilitate the physiological digestion
- Sodium bicarbonate**
→ Buffering effect
- Vanilla aroma**
→ Palatability

RECOMMENDED USAGE

Intended in case of:
→ Risk of digestive disorders (during or after diarrhoea)

1 dose = 100g

- Instructions of use:**
- Dissolve 1 packet in 2L of lukewarm water
 - Give at meal time twice a day during 2 to 3 days

Powder



NATYDRATE

Hydration

Digestive system

Energy

WELL-BEING

Effervescent powder based on electrolytes and lactose intended when digestive disorders risks

- Lactose**
→ Rapid energy intake
- Electrolytes**
→ Contributes to rehydration and support in case of discomfort
→ Facilitate the physiological digestion
- Sodium bicarbonate**
→ Buffering effect
- Oregano essential oil**
→ Palatability

RECOMMENDED USAGE

Intended in case of:
→ Risk of digestive disorders (during or after diarrhoea)

1 dose = 70g

- Instructions of use:**
- Dissolve one dose of 70g of Natydrate in 2L of lukewarm water
 - To be dispensed at mealtimes, 2 to 3 times per day.

Powder



DIAFEED

Digestive system

Hydration

WELL-BEING

Solution intended when digestive disorders risks with additional protection of the intestinal mucosa

- Electrolytes, Betaine, Protopectins, Rice Flour**
→ Contributes to rehydration, water retention, support in case of discomfort and curative effect on diarrhea
- Buffer substances (Sodium bicarbonate, trisodium citrate)**
→ Contributes to maintaining an optimal balance in the rumen
- Protopectins**
→ Protection of the intestinal surface (villi)

RECOMMENDED USAGE

Intended in case of:
→ Digestive disorders (during and after diarrhea)

1 dose = 70g

- Instructions of use:**
- Day 1:
 - Dilute 1 sachet of DIAFEED in 2 liters of lukewarm water and distribute 3 times.
 - Day 2 and day 3:
 - If the calf shows sign of improvement, dilute 1 sachet of DIAFEED in 1 liter of lukewarm water and 1 liter of milk, and distribute 2 times per day.
 - If there is no improvement, repeat the procedure from day 1.

Powder



CALVES



COWS



Complementary Feed Solutions for Dairy Cows



The importance of dedicated complementary feed programs

Kersia's COMPLEMENTARY FEED range supports Dairy farmers to increase the **WELL-BEING** and the **PERFORMANCE** of their animals. Our range of products offers complementary feeds specific to the metabolism of ruminants and targeted at the key stages of the production cycle: support of immune and reproductive functions, prevention of pathological disorders around calving, stimulation of ruminal and hepatic functions and general support of the body.

Kersia offers a solution based program aimed at:



- Reproduction Support
- Around Calving
- Overall Well-being
- Metabolism & Digestive Balance

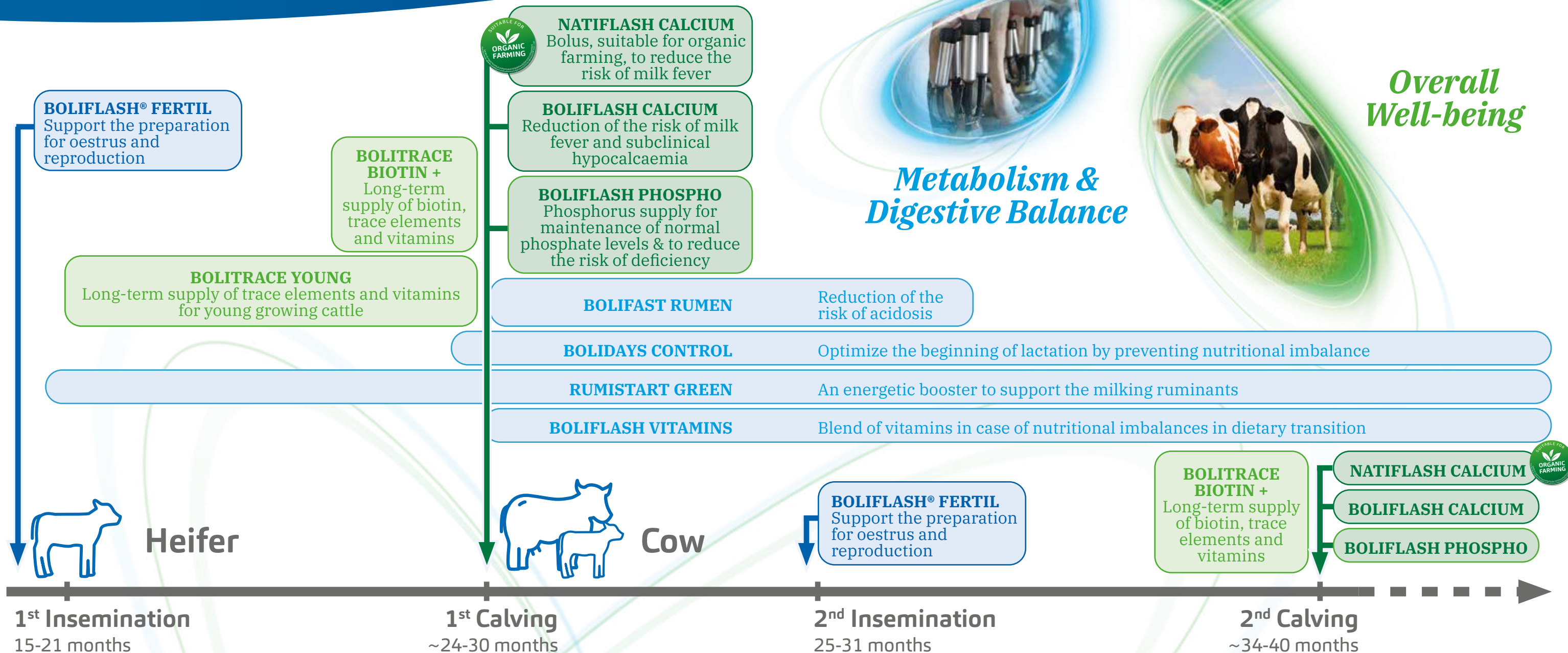


Reproduction support

Support Prevention of Deficiencies Around Calving

Metabolism & Digestive Balance

Overall Well-being



KERSIA BOLUS - INDIVIDUAL ACTIVATION DURATION

KERSIA boluses are based on a unique technique through which the active ingredients are released immediately, with a time delay and over the long term. Depending on the needs of the dairy cow at the time of administration, the KERSIA boluses each have different activation speeds.

- Boliflash dissolves in a few minutes
- Bolifast dissolves within a few hours
- Bolidays dissolves within a few days
- Bolitrace dissolves within a few months

Minutes
NATI FLASH

Minutes
BOLI FLASH

Dissolution within a few minutes

Hours
BOLIF·A·S·T

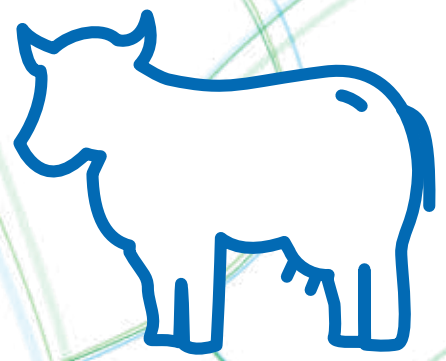
Dissolution within a few hours

Days
BOLIDAYS

Dissolution within a few days

Months
BOLITRACE

Dissolution within a few months




REPRODUCTION SUPPORT





BOLIFLASH® FERTIL



Bolus to support the preparation of oestrus and reproduction

-  **Vitamin A, D3, E, beta-carotin, selenium, trace elements**
→ Involved into reproductive functions and help to improve oestrus preparation and heat expression, conception rate, nesting
- Sorbitol**
→ Acceleration of ruminal transit and stimulation of digestive microflora

RECOMMENDED USAGE

- One dose of BOLIFLASH FERTIL (1 effervescent + 1 controlled-release bolus)
 - 10 to 15 days before insemination
-  1 hour release for the effervescent bolus
 1 day release for the controlled release bolus



CALVES



DAIRY COWS



PREVENTION OF DEFICIENCIES AROUND CALVING



BOLIFLASH CALCIUM



An instantaneous dose of calcium for the reduction of the risk of milk fever and subclinical hypocalcaemia

- Calcium as an immediate supply**
- Maintains calcemia level in the first 24 hours postpartum
 - Helps to reduce the risk of milk fever and subclinical hypocalcemia by delivering a quick and controlled-release of calcium
 - 3 different sources of calcium to increase the bioavailability and the speed of nutrient absorption

RECOMMENDED USAGE



- Instructions of use:**
- One dose of BOLIFLASH® CALCIUM (1 effervescent + 1 controlled release bolus)
 - At calving and another dose 12h after calving
- 1 hour release for the effervescent bolus
 1 day release for the controlled release bolus



NATIFLASH CALCIUM



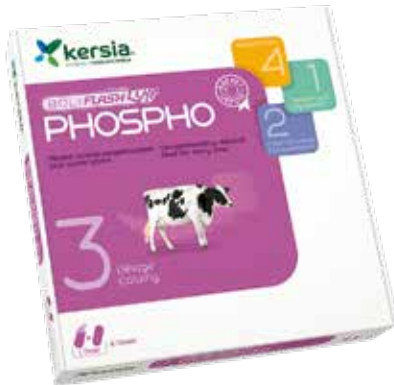
An instantaneous dose of calcium suitable for organic farming for the reduction of the risk of milk fever and subclinical hypocalcaemia

- Calcium as an immediate supply**
- Maintains calcemia level in the first 24 hours postpartum
 - Helps to reduce the risk of milk fever and subclinical hypocalcemia by delivering a quick and controlled-release of calcium
 - 6 different sources of calcium to increase the bioavailability and the speed of nutrient absorption

RECOMMENDED USAGE



- Instructions of use:**
- One dose of NATIFLASH® CALCIUM (1 effervescent + 1 controlled release bolus)
 - At calving and another dose 12h after calving
- 1 hour release for the effervescent bolus
 1 day release for the controlled release bolus



BOLIFLASH PHOSPHO



Contributes to the maintenance of normal phosphate levels and reduce the risk of deficiency:

- Phosphate (Monosodium Phosphate, Monocalcium Phosphate), Vitamin D3**
- Supports salivary production and saliva buffering effect
 - Supports activity of the ruminal flora
 - Necessary for bone strength, energy metabolism and milk production

RECOMMENDED USAGE



- Instructions of use:**
- One dose of BOLIFLASH® PHOSPHO (1 effervescent + 1 controlled release bolus)
 - At Calving
- 1 hour release for the effervescent bolus
 1 day release for the controlled release bolus



CALVES



DAIRY COWS



METABOLISM & DIGESTIVE WELL-BEING



RUMISTART GREEN



An energetic booster to support the milking ruminants

- Propylene glycol (vegetal origin) and Sorbitol**
→ Energy intake
- Volatile Fatty Acids and Sodium Propionate**
→ Energy intake
- Yeast Extract and Vitamin B12**
→ Ruminal activity stimulation

RECOMMENDED USAGE

Oral Application

- Into the mouth or upon diet
- Into water (in the tank or upon calving individually into bucket)
- Through automatic distributors or through milking robot

Instructions of use / Dosage:

- Cows at the end of gestation (dry cows/heifers):
→ 50 to 100 mL for 1 week before calving
- Cows after calving or before AI:
→ 200 to 300 mL/cow/day, during 5 to 6 days

(Can also be used for ewes and goats.)



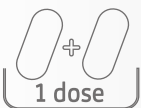
BOLIDAYS CONTROL



Optimize the beginning of lactation by preventing nutritional imbalance:

- Contains L-carnitine, rumino-protected choline and methionin**
 - Improves the energetic metabolism of the dairy cow
 - Lowered chance for ketosis
 - Better general body conditions and more energy
 - Better milk production

RECOMMENDED USAGE



- 10 days before calving or at calving
- One dose of BOLIDAYS® CONTROL (2 controlled release bolus in one application)

10 days controlled release after application



BOLIFAST RUMEN



Reduction of the risk of acidosis

- Inactivated yeast and niacin**
→ Stimulation of the rumen fermentation, rumen digestion, rumination and stabilization of the ruminal pH
- Rumen protected betaine, choline, methionin**
→ Nutritional support of the liver functions
- Sorbitol**
→ Acceleration of ruminal transit and stimulation of digestive microflora
- Sodium bicarbonate**
→ Buffer effect

RECOMMENDED USAGE

Instructions of use:

- One dose of BOLIFAST RUMEN after calving in prevention and in case of digestive troubles (1 effervescent + 1 controlled release bolus)

1 hour release for the effervescent bolus
 1 day release for the controlled release bolus



BOLIFLASH VITAMINS



Bolus to support for nutritional imbalances in dietary transition:

- Vitamins A, D3, E, B2, folic acid (vitamin B9), choline and trace element selenium**
 - Providing the vitamins and trace elements essential to the animal's metabolism.
 - Specifically adapted to the nutritional requirements of dairy cows during crucial periods in the breeding cycle
- Easily-assimilated components**
→ Rumino-Protection

RECOMMENDED USAGE

Instructions of use:

- One dose (1 effervescent bolus) of BOLIFLASH® VITAMINS during high producing period, feed transition or as vitamin boost
- Repeat the dose if needed during 2 to 15 days

1 hour release for the effervescent bolus
 1 day release for the controlled release bolus



CALVES



DAIRY COWS



OVERALL WELL-BEING



BOLITRACE YOUNG

Long-term supply of trace elements and vitamins for young growing cattle



Iodine, copper, manganese, zinc, selenium, cobalt, Vit A, D3, E

- Support the preparation of the body for calving future lactation mammary gland development, oestrus and reproduction
- Contribute to the maintenance of immune functions
- Supports the development of the unborn calf



Live yeasts

- Helps support the activity of ruminal flora



RECOMMENDED USAGE



Animal weight 200 to 400 kg

- One bolus of BOLITRACE YOUNG

Animal weight > 400kg:

- Two bolus of BOLITRACE YOUNG

⌚ 180 days of controlled release



BOLITRACE BIOTIN+

Long-term supply of biotin, trace elements and vitamins



Large spectrum of trace-elements (biotin, zinc, copper, iodine, manganese, cobalt, selenium) and vitamins (Vitamin A, D3, E, Biotin)

- Supports reproductive functions (heat expression)
- Support to the regeneration of the mammary gland
- Decreases risk of abortion
- Reduces risk of a retained placenta after birth
- Supports health and growth of the unborn calf
- Support the quality of the colostrum
- Contributes to the good functioning of the immune system



RECOMMENDED USAGE



- Dry period or 60 Days before calving
- One dose of BOLITRACE BIOTIN + (=2 controlled release bolus)

⌚ 4 months of controlled release of the trace-elements



FOOD SAFETY STARTS AT THE FARM

The profitability of a dairy farm begins with the birth of healthy calves. Once born, it is essential to keep up a good health situation of your calves through stringent biosecurity measures, i.e. environmental hygiene, and support calves in their *well-being* and *performance* through targeted Calf Complementary Feed Solutions.

Dairy cows also benefit from a mix of Complementary Feed Solutions and Hygiene Measures to increase *well-being* and *performance*. Whereas performance as a calf is mainly linked to its growth, performance for young cattle to dairy cows are linked to better reproduction and good milking quality.

Kersia's Complementary Feed Solutions for Dairy Cows are aimed to support at key life stages such as reproduction and around calving but also for more general issues such as metabolism and digestive well-being and overall well-being.

Kersia's environmental hygiene, milking hygiene and hoof care measures as essential at the prevention of diseases such as Mastitis or Mortellaro on your farm!

KERSIA - your partner for prevention and supporting your Animals!



CALVES



DAIRY COWS



Complementary Feed

Tailor-Made Solutions Increasing Well-Being and Performance

Oral Pastes & Gels



Tablet & Liquid Solutions



Powder *(effervescent & non-effervescent)*



Ruminant Boluses *(flash or controlled technology)*

