



BIOARMOR

A PART OF



kersia®

INVENTING A FOOD SAFE WORLD



PRODUCTS CATALOG

Ruminant farms



BIOARMOR
farming by nature

THE NATURAL ALTERNATIVE FOR THE RESPECT OF HUMAN BEINGS, ANIMALS & ENVIRONMENT

BIOARMOR product solutions combine **economic performance** of livestock farms and crops with the **respect for environment**. We are developing efficient natural products with optimum return on investment.

We propose **real innovative alternatives** designed within our R&D laboratory. They deal with all your farming and crop issues.

As an independent company, we support you in your skills and create **clear and long-lasting relations of partnership**.



***120**
products



New factory
high technology



Integrated
R & D

A LARGE & COMPLETE RANGE DEALING WITH ALL YOUR ISSUES

With **biotechnologies as core business**, we propose you innovative solutions made with essential oils, plant extracts, enzymes, probiotics, prebiotics...



NUTRITION

Help animals during farming critical stages and improve their shape and performances.



HYGIENE

Ensure the hygiene of buildings and networks, eliminate insects and cleanse the air in buildings.



ENVIRONMENT

Treat slurries, gas and odors, dry up and cleanse litters and soils, and biostimulate crops.

NUTRITION

HELP YOUR ANIMALS

UPON DIFFICULT STAGES OF REARING
& IMPROVE THEIR HEALTH AND PERFORMANCES

Because nutrition is essential for your animals health and performances, BIOARMOR proposes you natural alternatives for the various issues of your farm:

- Digestive balance
- Animal resistance
- Difficult sanitary periods
- Appetite and tonus
- Performances

Made with probiotics, plant extracts, essential oils, antioxidants, and vitamins...., our feed supplements are complying with your requests, at any rearing stage.



YOUNG ANIMALS

FS



BOVISTART

The 'boost' for newborn

BOVISTART strengthens the newborn and allows an early intake of colostrum meanwhile the next milking or the first feeding.

Advantages :

- Stronger calf / kid
- Better sucking reflex
- Increase in production potential of the future dairies

Composition :

Oral paste based on colostrum, sugars, fatty acids, lactic bacteria, essential oils and vitamins.



Packaging

15 ml syringes / box of 6

15 ml syringes / box of 25

Directions for use :

Cattle breeding : give 1 syringe per calf from birth, to renew according to calfs vigour

Kids : give 1 syringe for 2 kids.

dietetic
FS



BOVIPHYT ^[dgL]

Digestive hygiene for young ruminants

BOVIPHYT reinforces a good digestive hygiene thanks to a nucleus of cleansing and antioxidant essential oils DIGELOR (formulated by BIOARMOR R&D «NUTRILOGIC» PROGRAM), vegetal coal to absorb the best way toxins present at young calves. Lactic acid bacteria derived from digestive flora, stimulating animal growth and helping a good settling of digestive flora.

Advantages :

- Sanitizes the digestive tract and stabilizes the digestion
- Promotes a balanced digestive flora
- Boosts the growth

Nutritional aim :

Stabilization of the physiological digestion.



Packaging

30 mL syringes / box of 8

Directions for use :

Cattle breeding : give 1 syringe per calf at 3 days of age, to renew at 8-10 days if necessary.

Goat breeding : give 1 syringe per kids.

Composition :

Oral paste based on vegetal coal, nucleus of essential oils DIGELOR, lactic bacteria, inactive beer yeasts and organic acids.



BOVISTRONG^{imm}

Young ruminants immune system support

The contribution of various antioxydants in BOVISTRONG contributes to body's protection against oxidative stress.

Advantages :

- Combination of antibacterial and antioxydant essential oils
- Help metabolism to adapt more easily to stress

Composition :

Based on inactive beer yeasts, blend of essential oils IMMULOR, Echinacea powder (*Echinacea purpurea*), Monopropylène glycol, vitamins and trace -elements.

Directions for use :

Give 1 syringe per calf from the 2nd day of life, to renew from 4 weeks of life and at critical periods for young animals (stress, tiredness, consumption decrease...)



Packaging

15 ml syringes / box of 6

15 ml syringes / box of 25





VITAVEL

Young ruminants digestive safety

With VITAVEL, the calf and young kid starting is secured, by implanting a beneficial digestive flora and by enhancing resistance of the young ruminant.

Advantages :

- Probiotic effect
- Contributes to digestive safety
- Improves growth performances

Composition :

Based on lactic bacteria, living yeasts and plant extracts.

Packaging

5 kg / bucket + dosing spoon

12 kg / bucket + dosing spoon



Directions for use :

Use with whole milk or milk powder, thanks to its perfect dilution. :

15g/day/calf during the first week, then 10 g/day/calf,

4 g/day/kid during the first week, then 2 g/day/kid.

Use with whole milk or milk powder, thanks to its perfect dilution.

Nutritional aim :

Stabilization of the physiological digestion.



DIA'LYTE

Energy for young ruminants

DIA'LYTE provides easily digestible energy. Its prebiotics and organic acids favour the development of lactic acid bacteria in the intestine tract. DIA'LYTE is recommended for rehydration during and after digestive troubles like diarrhea, as it prevents water losses.

Advantages :

- Energy and vigour given back to animals
- Appetite stimulated

Composition :

Based on prebiotics, sodium, magnesium and sodium salts of organic acids (propionate and citrate).

Packaging

POWDER : 100 g / sachet

POWDER : 5 kg or 12 kg / bucket

LIQUID : 1 L / bottle

LIQUID : 5 L / drum



Directions for use :

Liquid : 120 to 160 ml/calf/day, diluted in 1.5-2 litres, distributed in 2 or 3 times within the day, during 2 to 3 consecutive days.

Soluble Powder :

- Calves: 100-150g diluted in 2L, twice a day, during 2 to 5 running days
- Lambs: 20g diluted in 0.4L, twice a day, during 2 to 4 running days
- Kids: 15g diluted in 0.3L, twice a day, during 2 to 4 running days

Nutritional aim :

Stabilization of the physiological digestion.

DIFFICULT SANITARY PERIODS



BIOBRON

Supports animals in case of difficult sanitary periods

BIOBRON improves animals resistance during critical stages (for example respiratory discomfort). Promotes the appetite recovery, without constraint for your productions.

Advantages :

- Supports animals during difficult stages (difficult sanitary periods, loss in dairy production, respiratory discomfort...)
- Recovery appetite and tonus
- Synergic essential oils (eucalyptus, pine, oregano, lemon, rosemary)

Composition :

Essential oils combination, C vitamin, plant extracts (liquid) or whole plants (powder), magnesium and sorbitol*

*only liquid form



Packaging

5 L or 30 L / drum

5 kg / bucket

25 kg / bag

Directions for use :

Mix with the food intake, milk or give directly to the animals mouth (with the dosing gun), at the rate of 20 ml or 20 g per day for 100 kg of live weight during 5 days, 1 ml or 1 g per kg of live weight during 5 days.



VITABRON

Supports animals during difficult stages

VITABRON is used during difficult periods (loss in dairy production, digestive disorders and respiratory problems, decrease of condition, tonus, minor resistance...) reduces risks related to the breeding critical phases (weaning, arrival of outside animals, reunification of herds, vaccinations).

Advantages :

- Appetite recovery and promotes the recuperation
- Easy to use, without stress for animal and for breeder
- Without constraint for your productions

Composition :

Based on essential oils (eucalyptus, pine, oregano, lemon, rosemary), plant powders, calcium carbonate, magnesium oxide and Acerola extract, rich in C vitamin.



Packaging

5 kg / bucket

25 kg / bag

Directions for use :

Give at the rate of 20 g (one level dosing spoon) per 100 kg of live weight per day, during 5 days, 1 g / kg of live weight for 5 days.



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RUMI PG

Animals resistance enhanced

RUMI PG improves the animals resistance during difficult stages (cold and wet times) and difficult health transitions.

Advantages :

- Secure the dairy production and growth
- Very economic formula
- Can be distributed to all ruminants and without constraint for your productions

Composition :

RUMI PG_s (powder) and PG_R (pellet) : based on plant extracts, C vitamin, E vitamin, clay, inactive yeasts and magnesium

RUMI PG_L (liquid) : based on plant extracts, C vitamin, E vitamin, magnesium and sorbitol.

Packaging

5L / drum

25 kg / bag



Directions for use :

To be given 4 consecutive days, then 1 day per week, at least, from september to march-april, at the rate of 40 g or 10 ml / adult bovine / day, 8 g or 2 ml / goat-sheep / day, ie 1 kg or 250 ml per adult bovine and 200 g or 50 ml per goat-sheep for the season.

Give half dose for young animals.



MILK QUALITY & PARTURITION PREPARATION



RUMICELL & RUMILACT

Milk quality, udder resistance & farrowing preparation

RUMICELL and RUMILACT bring a better animal resistance, including for the udder. The parturition is eased as well as afterbirth, for less interventions. Mother and calves or kids vitality is increased around the parturition and at birth.

Advantages :

- Milk quality
- Udder resistance
- Mother or calves and kids vitality around the birth

Composition :

Based on E vitamin, selenium, grape polyphenols* (=antioxidant), trace-elements and plant extracts.

*only in Rumicell

Nutritional aim :

RUMICELL is a diet complementary feed aimed at nutritional deficiencies support throughout dietary transition.

RUMILACT is a complementary feed.



Packaging

RUMILACT : 25 kg / bag

RUMICELL : 5 L , 30 L / drum

Directions for use :

To distribute to dairy cows and to goats during the drying or the milking and to suckler cows, heifers and female kids during the last third of gestation.

- RUMICELL > liquid : 30 ml/ dairy cow / day or 1 ml for 10 kg of live weight / day, during 4 consecutive days then 1 day / week.
- RUMILACT > pellet : 100 g / dairy cow / day or 20 g per goat / day, 7 days monthly or 7 consecutive days then 2 days / week.



MILKING & METABOLIC DISORDERS



RUMISTART GREEN

Reduce the ketosis risk & boost the lactation

RUMISTART GREEN and RUMISTART GREEN PEARL reduce the risk of energy deficit around calving and secure the milking. They contribute to the good general state and improve the reproduction.

Advantages :

- Very palatable formulas
- Propylen glycol from vegetal origin
- Very good quality -price ratio

Composition :

- RUMISTART GREEN : liquid product based on propylen glycol from vegetal origin, volatile fatty acids, sorbitol, cobalt, and yeast extracts.
- RUMISTART GREEN PEARL : product on shape of balls based on vegetal propylen glycol, propionate, malt extract and niacin.

Packaging

RUMISTART GREEN :
5 kg, 30 kg / drums
60 kg, 110 kg, 200kg, 230 kg / barrels
1070 kg / tank

RUMISTART GREEN PERLE : 25 kg / bag

Nutritional aim :

Reduction of ketosis risk

INNOVATION
PROPYLÈNE GLYCOL
VEGETAL



Directions for use :

quantity and duration according to your goals.

- RUMISTART GREEN : to distribute to the mouth, in drinking water, on the diet or dispenser : 200-300 ml / dairy cow / day during 5-6 days or 100-200 ml / dairy cow / day before calving or until insemination.
- RUMISTART GREEN PEARL : to distribute to the ration : 150-200 g / dairy cow / day during 5 to 6 days or 50-100 g / dairy cow / day before calving or until insemination.



Dietetic Feed Supplement



Liquid



Pearls



CALCIGEL

Prevent the lack of minerals during and after calving

CALCIGEL helps animals to ensure an optimal and progressive assimilation of calcium thanks to various forms of calcium. Supply of phosphorus and magnesium helps to prevent the lack of minerals during and after calving.

Advantages :

- Optimal and progressive assimilation of calcium
- Prevent the lack of minerals
- Good start of lactation

Composition :

Sorbitol, magnésium, calcium, monopropylène glycol, phosphate, formate, propionate and gluconate.

Packaging

500 ml / bottle

5 L / drum



Directions for use :

Thanks to its semi-liquid presentation, CALCIGEL is easily distributed orally:

AT CALVING: at the first sign, give a bottle of 500mL / dairy cow or 100 ml / ewes or goat.

AFTER CALVING: Renew 1 to 3 times every 12h, until 48h after calving.



DIGEST H PELLETT

Detoxify the organism

Thanks to the great synergy of its components, DIGEST H pellets helps animals during difficult periods and around feed transitions and prevent liver from fatty overloading.

Advantages :

- Relaunches and improves appetite
- Activates hepatic functions
- Promotes ingestion

Composition :

Wheat, dead brewery yeasts, chelated aminoacids, sorbitol, B12 vitamin, niacinamide, choline, betaine and plant powders.

Packaging

20 kg / bag



Directions for use :

DIGEST H pellet should be distributed on top feeding or in the diet during 5 running days at the rate of :

- 100 g / day / cow when used preventively several times per year
- 200 g / day / cow when used curatively, around feed transitions and if only 1 cure / year
- 20 g / day per goat or sheep

DIGESTIVE HYGIENE

FS



VITAPAR C / VITAPAR V

Animals resistance & digestive hygiene

VITAPAR C and VITAPAR V promote a good digestive hygiene, in particular during times of parasitic infections risk.

Advantages :

- Improvement of animals resistance
- Rehabilitation of digestive functions
- Improvement of the absorption of nutrients

Composition :

- VITAPAR C : based on magnesium, sodium, plant extracts and copper
- VITAPAR V : based on magnesium, sodium and plant extracts

Packaging

15 L / drum



Directions for use :

- VITAPAR C :
 - Kids : 5 ml per animal per day during 6 days.
 - Calves : 7 to 40 ml per animal per day according to the weight during 6 days.
- VITAPAR V :
 - 10 ml per 100 kg of live weight per day during 2 consecutive days every 3 week.
 - Shock dose at one time : 150 to 200 ml per adult bovine or 30 ml per goat / ewe or 5 to 10 ml per kid/calf.

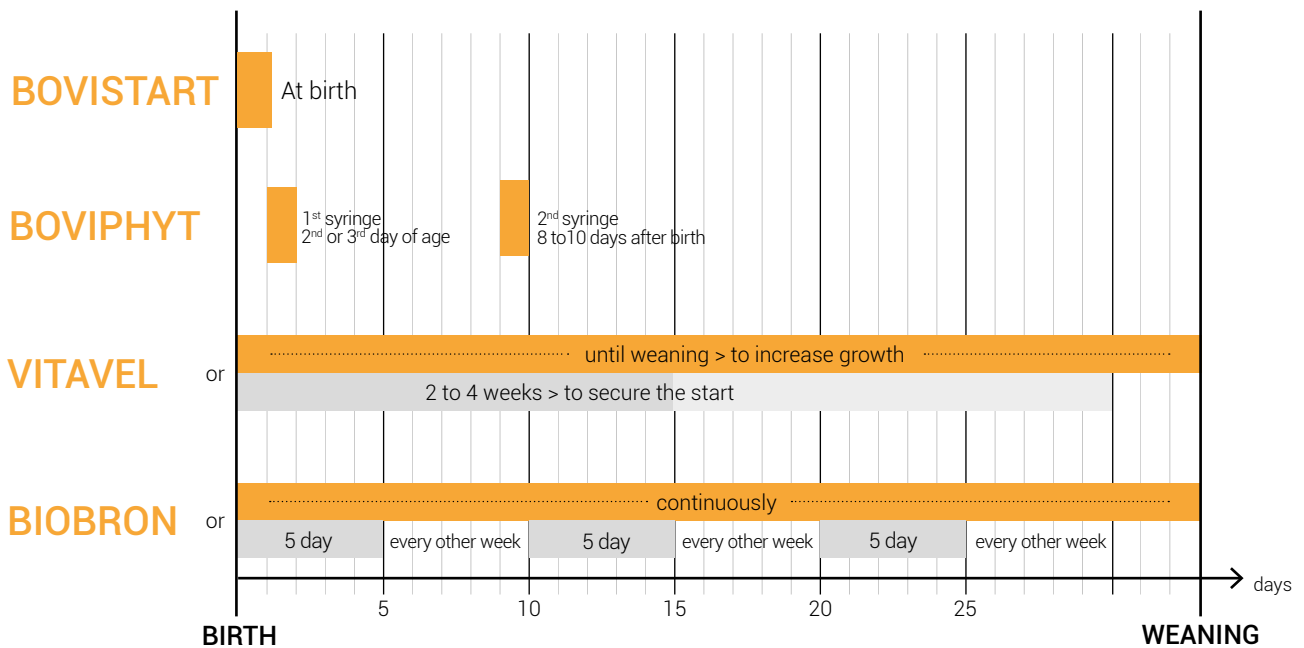
FS Feed Supplement

Liquid

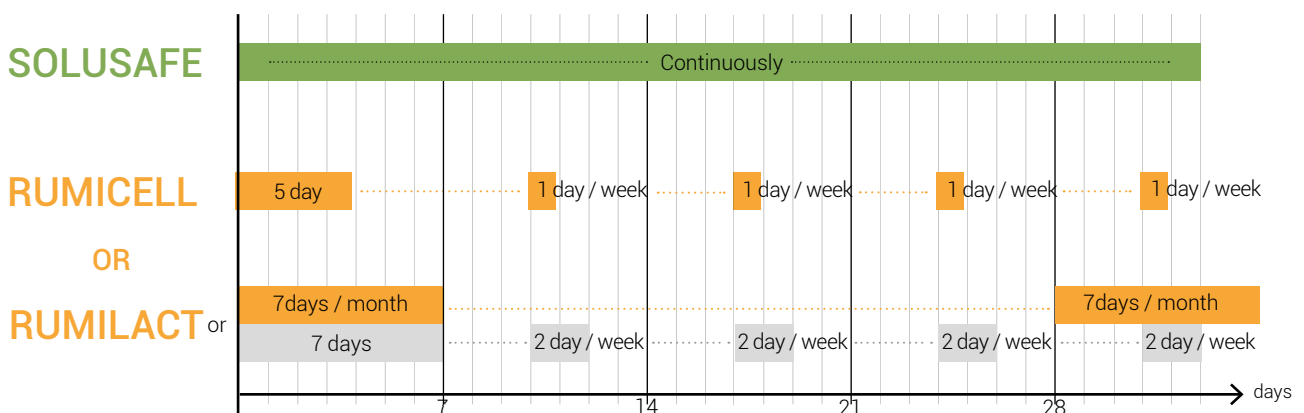


PRODUCTS USAGE RECOMMENDATION

Young animals program (example for calves)



Milk quality program

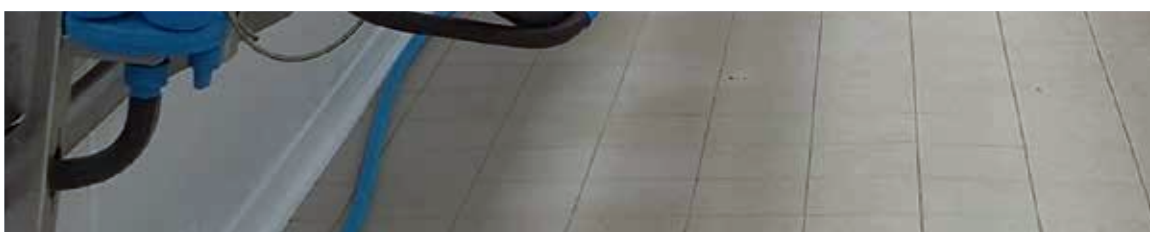
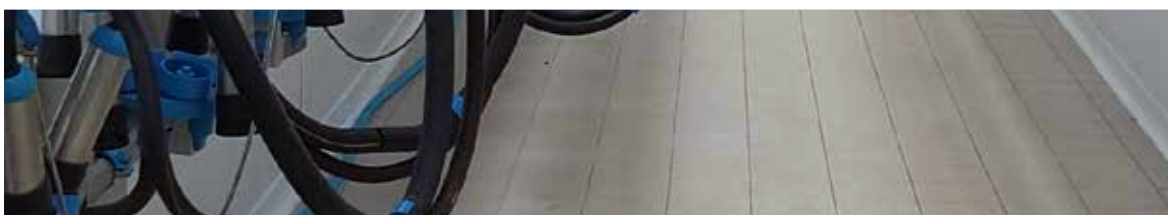


HYGIENE

ENSURE THE PERFORMANCES & THE HEALTH OF YOUR ANIMALS THANKS TO A GOOD HYGIENE OF YOUR REARING BUILDINGS

Made with essential oils, organic acids, enzymes, the natural alternatives proposed by BIOARMOR ensure the hygiene of your rearing buildings :

- Easier cleaning of building and equipment,
- Better disinfection,
- Elimination of insects (red mites, flies, mealworms...)
- Cleansing of air in rearing buildings.



PREMISES CLEANING & DISINFECTION



ACT'ENZYM _ concentrate

NET'ENZYM _ super concentrate

Non-toxic detergent
for premises and materials

Non-toxic and non-corrosive, ACT'ENZYM is a powerful enzymatic foaming detergent. Usable in milking parlour, robot, calf boxes, stalls, nursery, cattle truck... This product ensures a better disinfection thanks to the suppression of the biofilm.

Advantages :

- Safety for the user
- Thick foam adhesive to surfaces
- Time and water saving throughout high-pressure cleaning

Composition :

Enzymes and surfactants from vegetal origin.

Packaging

10 L, 25 L / drum

200 L / barrel



Directions for use :

Apply with foam gun or foam cart at the rate of 1 litre for a surface room of 100m², or for 300 to 400 m² of walls and floors ; let stand 20 to 30 minutes, before rinsing with high-pressure cleaner ; in case of stubborn dirt, double the dose.



Foamable liquid

AIR CLEANSING

AIRCLEAN

Cleanse the air in rearing buildings

Air-dispersible essential oils of AIRCLEAN purify the air of your rearing buildings.

Advantages :

- Secure performances
- Choose an alternative to chemicals
- Usable in Organic Agriculture

Composition :

Based on air-dispersible essential oils.

Packaging

1 L or 5 L / drum



Directions for use :

To diffuse pure, under form of dry steam (detailed directions for use upon request), at the rate of 2 L for 120 piglets over the fattening period and 1 L for 150 piglets in post-weaning.

Diffusion equipment with only one electrical outlet (no need for compressed air) : ask for information.



FIGHT AGAINST INSECTS

TYPOX AIR

Insecticide & repellent to spray

TYPOX AIR is a natural liquid product to fight against flies, midges, darkling beetles... It acts like an insecticide and repellent.

Advantages :

- Adulticide and larvicide
- Compliant with the Biocide Regulation
- Usable in organic breeding

Composition :

Based on natural pyrethrum and plant extracts.

Packaging

5 L or 1 L / drum



Directions for use :

Use 1 L of product for 20 L of water by spraying on walls, in the air and wherever fly settle.



Liquid



TYPOX SOL

Insecticide & repellent to sprinkle on the floor

TYPOX SOL is a natural micro-pellet product for fighting against flies, midges, darkling beetles... It acts like an insecticide and repellent.

Advantages :

- Adulticide and larvicide
- Compliant with the Biocide Regulation
- Usable in organic farming

Composition :

Based on natural pyrethrum and plant extracts.

Packaging

15 kg / bucket



Directions for use :

Spread the product at the rate of 15 kg for 500 m², or sprinkle at critical location. In case of invasion, renew after 10 days.

ENVIRONMENT

CHOOSE NATURAL SOLUTIONS TO IMPROVE BREEDING ENVIRONMENT

To improve breeding conditions, while reducing the environmental impact of your farming business, you can roll natural solutions out, with respect for animals and humans.

BIOARMOR has developed innovative solutions to deal with different breeding issues :

- Manure liquefaction,
- Smells and gas (ammonia) neutralising in premises and at spreading,
- Floor and litter drying and sanitation,
- Change of the flora through feed for a good manure liquefaction,
- Biostimulants for crops.



CONDITIONER & SANITIZER



COCOON

Smooth conditioner

COCOON is a very smooth conditioner suitable for drying up young animals at birth. It is also used on slatted floors, litters, stalls...

Advantages :

- Conditioner capacity reinforced
- Suitable for organic agriculture
- Contains sanitizing essential oils

Composition :

Based on soft clays, vegetal fibres, aromatic and antiseptic essential oils and carbonate.



Packaging

25 kg / bag

Directions for use :

- Litters : 1 kg / adult bovine / week
- Stalls : 100 to 150 g / adult cattle / day or spread at the back of stalls
- Spread in calves rooms or on young animals at birth



BIOSOLSEC

Three drying levels

BIOSOLSEC is available in 3 versions with drying levels adapted to every situation. They can be used on slatted floors, litters, stalls...

Advantages :

- 3 drying levels adapted to every situation
- Non-aggressive formula easy to use

Composition :

Based on clay, vegetal fibres, carbonate, plant extracts and lithothamne.



Packaging

25 kg / bag

Directions for use :

- Litters : 1 kg / adult cattle / week
- Stalls : 100 to 150 g / adult cattle / day
- Calves : 300 to 400 g / animal / week
- Young cattle : 500 g / animal / week



Powder



SOLUSAFE

Bacterial conditioner for litters & concrete floors

SOLUSAFE combines a high power of absorption and drying capacity together with a bacterial and enzymatic complex to create a positive flora and to acidify the area.

Advantages :

- Healthy environment (sleeping area, udder, legs, calf stalls, nursery...)
- Effective drying and good litter state
- Improvement of the atmosphere and the animals well-being

Composition :

Based on clay, plant extracts, lithothamne, carbonate and bacterial and enzymatic complex.

Packaging

25 kg / bag



Directions for use :

Spread SOLUSAFE focusing on wet and/or risky areas (troughs, drinkers, feeders), at the rate of 50-100 g / m² in average, once a week, about 400 to 800 g / dairy cow / week for litters and 250 to 500 g for stalls.



COCOON FLORE

Inoculation of beddings & floors

COCOON FLORE is a conditioner enriched with bacteria and enzymes to colonize the medium through a positive flora for a sanitation of animal laying area. It is used to dry out litters, slatted floors, concrete floors and lying areas.

Advantages :

- A powerful conditioner thanks to a very high absorption power
- Wellbeing of animals thanks to the reduction of moistures

Composition :

Based on carbonate, smooth clays, vegetal fibers, bacteria, enzymatic complex and aromatic plants extracts.

Packaging

25 kg / bag



Directions for use :

Apply to bedding and floors based on :

- Dairy cows on straw : 400-800 g / cow
- Dairy cows in cubicles : 250-500 g / cow
- Calves : 100-250 g / calf
- Heifers & beef cattle : 300-600 g / head
- Sheep & goats : 75-150 g / head



Powder



MANURE & SLURRY TREATMENT



BACTIFOS POWDER

Biological treatment
of the manure

BACTIFOS POWDER is highly concentrated in enzymes and bacteria selected for their efficiency in slurry liquefaction. It boosts degradation of organic matter, including fibre.

Advantages :

- Removal of crusts and deposits
- Easier and quicker emptying
- Improve the slurry fertilizing value

Composition :

Based on blend of bacteria strains aiming to strengthen the slurry microflora, enzymes, prebiotics, ammonia binders, plant extracts, clays, energized Silica, seaweeds and trace elements.



Packaging

25 kg / bag

Directions for use :

BACTIFOS POWDER must be spread on the slurry or the slatted floor (far from emptying hole, in air stream areas).

Internal pits ;

- Dairy cows : 400 g / cow / month
- Veal calves : 75 g / calf / month

External pits / stored slurry : reference dose is 1kg/10m3 of slurry, this should be repeated (weekly to monthly) till solving the problem.



BACTIFOS LIQUID

Liquefy stored slurries

BACTIFOS is a very concentrate slurry liquefier. It associates enzymes and bacterias to fight against crusts and deposits

Advantages :

- Adapted slurries rich in fibres
- Better draining of pits and
- Can be used in organic farming

Composition :

Based on bacteria, enzymes and factors of stimulation of slurry microflora.



Packaging

5 L / bidon

25 L / bidon

Directions for use :

- In internal pits, bellow floors : for 10 cows 1 L for 1st application then 50 ml per week for maintenance
- In external pits : 1 L for 50 to 100 m3 (according to the situation), to renew if necessary with half-dose once a week.
- In case of blocked pits, there is a particular protocol : contact us to roll it out.

SPREADING ODOURS



BIONEUTRODOR

Neutralize and mask spreading odours

BIONEUTRODOR neutralizes and masks odours during and after liquid manure spreading. The product is highly recommended in plots which are exposed to the wind and in periurban zones, as well as for spreading on pastures and cereals.

Advantages :

- Ready for use
- Acts chemically with gases responsible for bad smells
- Persistence until 48h

Composition :

Based on anti-odour agents, flavours and surfactants.

Packaging

5 L or 30 L / drum

200 L / barrel

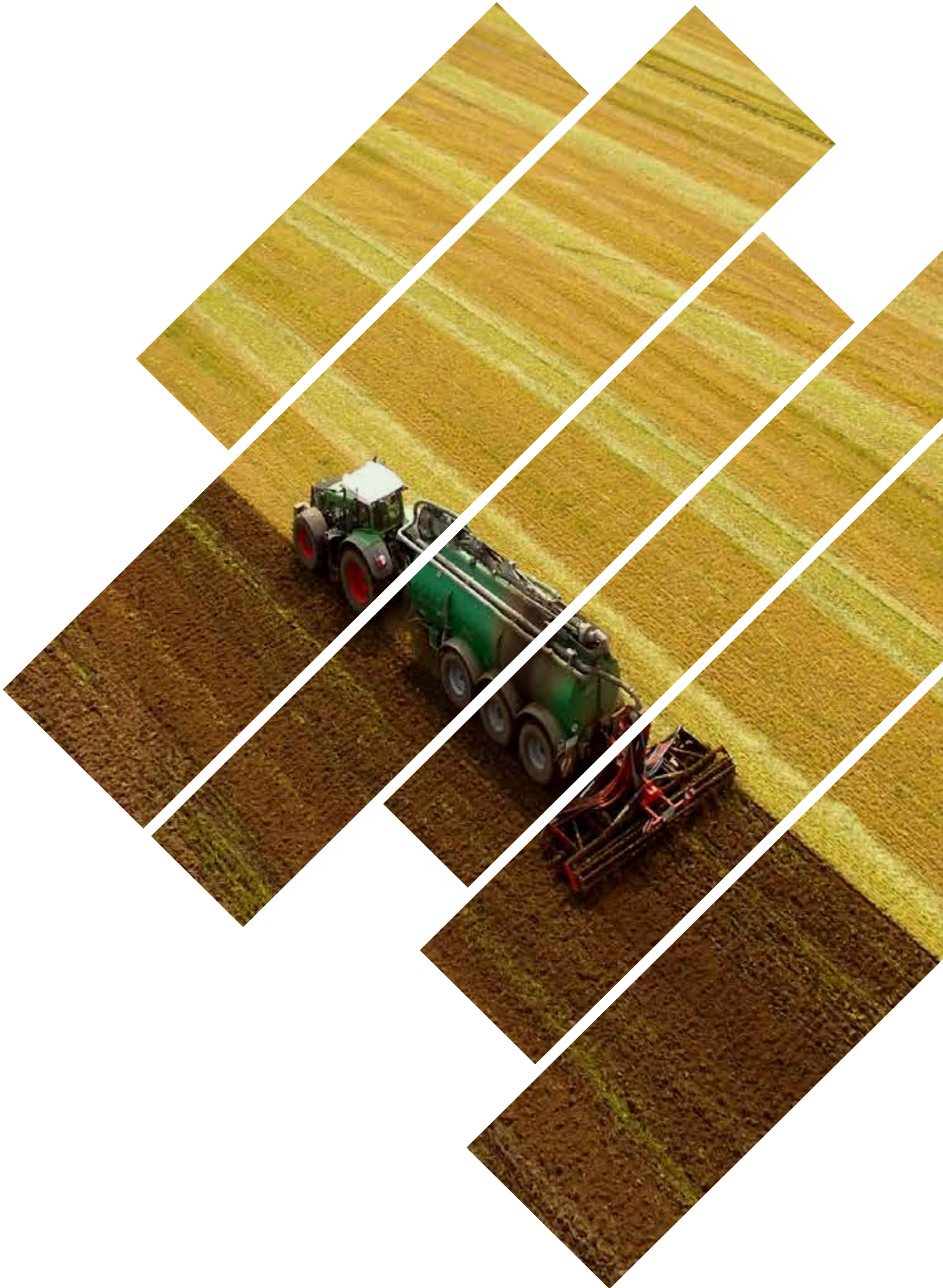


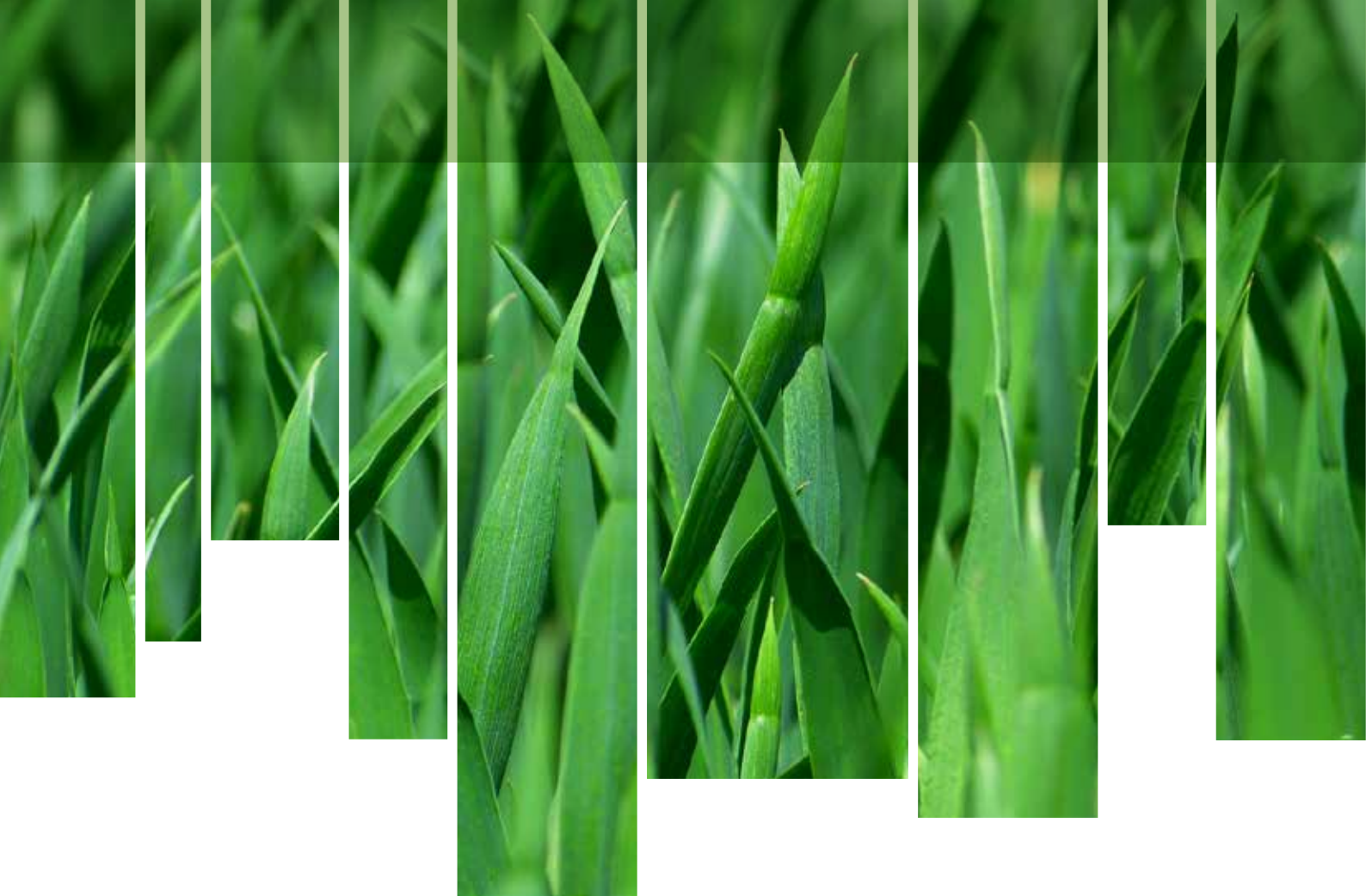
Directions for use :

To incorporate without prior dilution, at the rate of 1L for about 10 m³, directly in the tank, in pumping cone or in the storage pit before spreading.



Liquid





VEGETAL NUTRITION

NUTRIFIELD

Natural origin biostimulant for crops

NUTRIFIELD enhances root development, speeds up flowering and fruit set.

Advantages :

- Minerals absorption and fertilizer use enhanced
- Improves water use efficiency
- Quality and performance increase

Composition :

Based with lignocellulosic extract of vegetal origin.

Packaging

5 L / drum

2 drums of 10 L / box



Directions for use :

- CORN : 3 L / ha - Stage 4 leaves to stage 8-10 leaves.
 - CEREALS : 1 to 3 applications : 2,5 L / ha.
 - GRASS, ALFALFA : 3 L / ha at emergence and 1,5 L / ha after each cut.
 - RAPESEED : 3 L / ha at emergence, to pre-floring
- For other situation, contact us.



Liquid



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