



HYGIENE RANGE 2017

**Animals and breeding
premises hygiene**





ALPHATECH

ANIMAL HEALTH · HYGIENE PRODUCTS FOR ANIMALS



WHO ARE WE ?

A french independant company (32 employees) which elaborates and produces complementary feed supplements and hygiene products for breeding animals.

6000 m² for production over 2 sites, whose the main (4200m²) will double within 2 years.



OUR RANGES

♥ TONIFARM® :

Solutions for demedication based on plants extracts

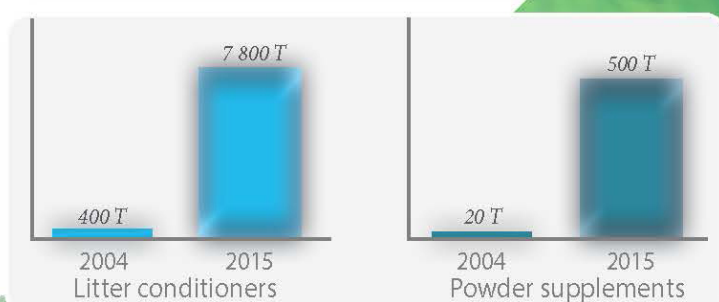
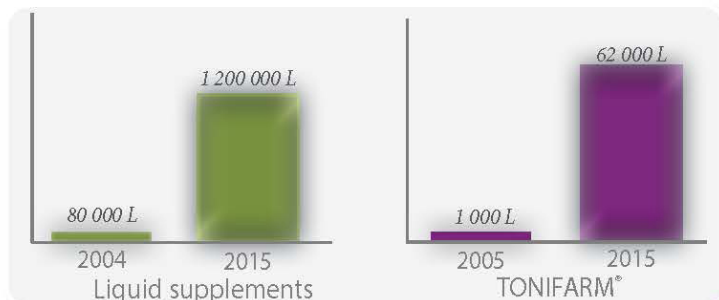
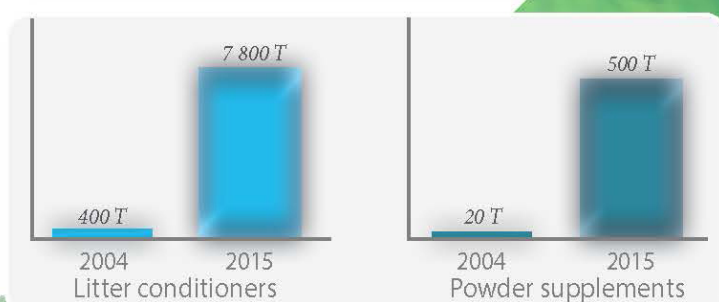
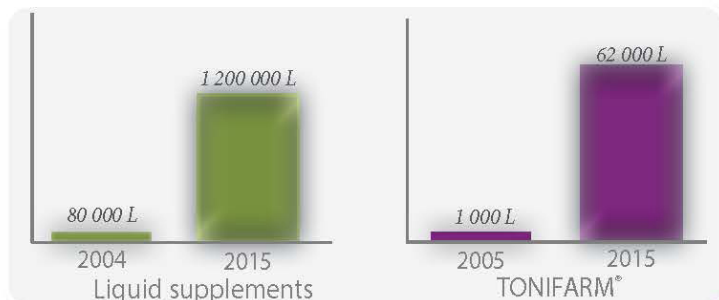
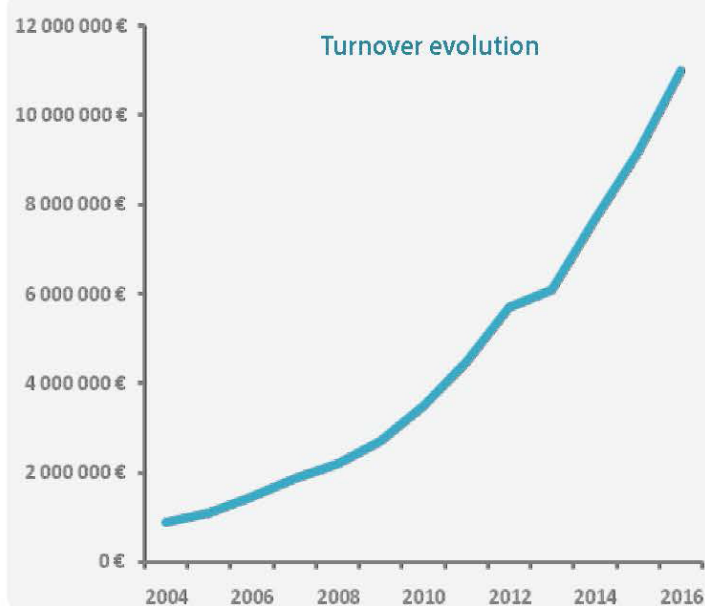
♥ ALPHANIMAL® :

Mixtures of vitamins, trace elements, amino acids

♥ ALPHAHYGIENE® :

Litter conditioners, Toxin binders, Solution against mites, Manures liquefaction, Acidification

EVOLUTION IN FIGURES





OUR INDEPENDENCE ENSURES YOU A COMPLETE CONFIDENTIALITY AND...

AVANT GARDISM

- ✓ **Mastery of innovative production techniques**
 - ✓ Natural solutions based on plants
 - ✓ Low temperature dessication of germinated cereals (preservation of nutrients resulting from germination)
 - ✓ A R&D department of 3 individuals

FLEXIBILITY

- ✓ **+ than 600 adaptable formulas**
- ✓ Manufacturing on requirements specification
- ✓ Available sizes : **From 100g/ ml to 1 ton or 1 000L**
- ✓ 3 technologies (pellets, powder, liquid...)
- ✓ Label at customer's brand name on request

KNOWLEDGES

- ✓ **Regular customers on + than 60 countries**
- ✓ A veterinary expert in biotherapy (+ than 35 years of experience)
- ✓ Production specialists having + than 20 years of experience.
- ✓ Constant investments to stay on the cutting edge of technology

To go beyond innovation



To suit your specific needs



To support you effectively



To guarantee our methods



To provide you solutions



QUALITY

3 certifications:

- ✓ Safety of company



- ✓ Guarantee of process



- ✓ Organic farming



REACTIVITY

- ✓ **Commercial offer under 48 h**
- ✓ Conception, manufacture and commercialisation with no sub-contracting
- ✓ A constantly evolving production capacity
- ✓ Delivery under 5 weeks for export, under 7 days in France

La performance se crée

ALPHACID L



PREMIX OF MINERAL AND ORGANIC ACIDS

Liquid acidifier with a decontaminating effect

- ✓ Decontaminating effect thanks to bacteriostatic and bactericide action on pathogenic germs.
- ✓ Decrease of the feed and water buffer power.
- ✓ Stimulation of enzymatic activity and of protein digestion.
- ✓ Control of the intestinal flora balance.
- ✓ Better nutrients absorption.



ALPHACID L is particularly recommended to:

- Improve digestive security.
- Improve droppings and beddings quality.
- Decrease ammonia production.
- Decrease Consumption Index and improve growth.
- Improve egg shell quality and animals longevity in layers breedings.

COMPOSITION:

Formic acid
Propionic acid
Lactic acid
Antibiofilm agent
Buffer agent
Phosphoric acid



Non-stop incorporation in the breeding in drinking water at the rate of:



500 to 1 500ml for 1000 litres of drinking water.



(depending on the chemical nature of water and risk factors in the breeding).



pH of the water
should be
controlled
regularly to obtain
a pH between 3
and 4.

Recommendations:

Acidifying product, never give pure.

Pay attention on the initial pH of drinking water.

CONTAINERS of 1 and 20 L
DRUMS of 200 L and IBC of 1 000 L

ALPHACID P

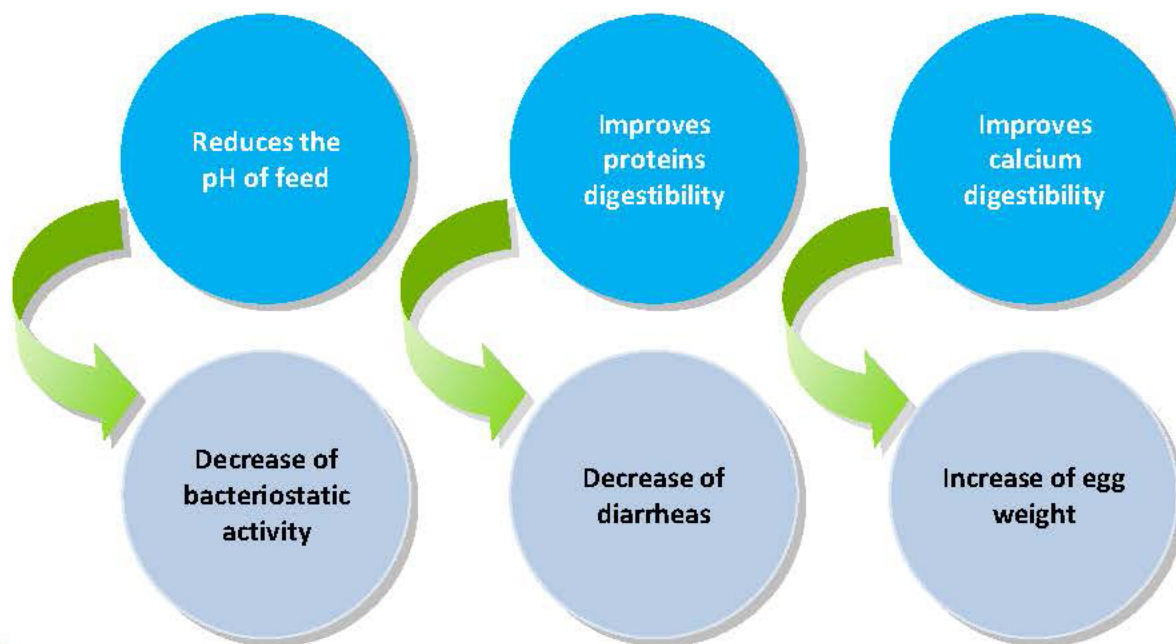


PREMIX OF MINERAL AND ORGANIC ACIDS

Decontaminating effect thanks to bacteriostatic and bactericide action on pathogenic germs.



- ✓ ALPHACID P improves feed's **digestibility** and **regulates feed and water intake**.
- ✓ For layers, ALPHACID P improves **eggshell quality** and **life expectancy** of the animal.
- ✓ For broilers, ALPHACID P **improves the performance index** and **decreases the mortality rate**.



ALPHACID P must be administered in animal feed, mixed with other ingredients, at the rate of:

- **Layers:** 2 to 4 kg per ton of feed
- **Broilers:** 2 to 5 kg per ton of feed
- **Broiler ducks:** 2 to 5 kg per ton of feed

COMPOSITION:

Sodium formiate:	350 000 mg
Phosphoric Acid :	90 000 mg
Lactic Acid :	100 000 mg
Mineral carrier: silica and clay	
Aromatic substances	
Vegetal extract	

BAGS of 25 Kg
DRUMS of 237 Kg and 1 120 Kg

ALPHACID LC P



NON ADR ACIDS PREMIX

A stable and well-balanced digestive flora.

Lactic acid is an organic acid naturally produced by the bacterial flora. Its supplementation in feed intake enables to set up a stable and well-balanced digestive flora by inhibiting pathogenic bacteria development (coli, clostridium, salmonellas, ...) sensitive to lactic acid and favoring bifidogene tolerant flora.

Lactic acid contained in ALPHACID LC P is among the strongest volatile fatty acid (pka 3.8) and therefore it enables to decrease significantly the pH (responsible for acidosis, a recurrent problematic in dairy cows).

Monocarboxylic acids such as lactic acid are known for their bactericide properties in low pH environments (stomach).

Citric acid is an even stronger acid, pka 3.2, with 2 other acid functions. Thus, it is used for its high acids concentration and for its property allowing to reduce pH and make it more effective.



PIGS:

ALPHACID LC P is to add on feed intake at the rate of:

- Piglet: 4 to 10kg / Tonne of feed
- Pig - growth: 2-5 kg/ Tonne of feed
- Sow: 2-6 kg/ Tonne of feed



POULTRY:

ALPHACID LC P is to add on feed intake at the rate of:

- Broilers: 2 to 4 kg / Tonne of feed



BOVINES:

ALPHACID LC P is to add on feed intake at the rate of:

- Pre-ruminant calf: 2kg/ Tonne of feed

NB:

Do not distribute this product to ruminant bovines.

COMPOSITION:

Lactic Acid	45%
Citric Acid	10%
Silica	21%
Clay	24%

BAGS of 25 Kg

ALPHACLEAN



LIQUID COMPLEMENTARY FEED SUPPLEMENT

Poultry digestive flora improvment



ALPHACLEAN is recommended to :

- ✓ Reduce digestive issues of turkey poults and broilers, during all the growth period.
- ✓ Improve feed transitions due to digestive surcharges during breeding period.
- ✓ Contribute to improve atmosphere in breeding premises.



ALPHACLEAN must be distributed as complement of the feed intake, at the rate of:

TURKEY:

During feed transitions :

0.3 L / 1 000 L of drinking water per day during 3 to 4 days running.

During digestive issues:

1 L / 1 000 L of drinking water per day during 4 to 5 days running.

BROILERS:

During feed transitions :

0.2 L / 1 000 L of drinking water per day during 3 to 4 days running.

During digestive issues:

From 0.8 L to 1 L / 1 000 L of drinking water per day during 4 to 5 days running.

Composition per litre :

Monopropylene glycol:	10 000 mg
Sodium (chloride):	3 926 mg
Aromatic substances.	

Containers from 1 to 20 L

ALPHAFORCE 5



DISINFECTANT, BACTERICIDE, VIRUCIDE, FUNGICIDE

ALPHAFORCE 5 is a disinfectant designed to stop persistence and propagation of diseases due to a too high viable colony count in breeding premises and on transport and breeding material.

Thanks to its bactericidal, virucidal and fungicidal properties, ALPHAFORCE 5 decontaminates breeding premises and maintains animals healthy.

Spraying :

Prepare a mixture at 2% : 2 litres of ALPHAFORCE 5 in 100 litres of water.

Soaking :

- Disinfection feet bath : 2% every 2 or 3 day and according to the dirtiness level.
- Equipments : soak them in a mixture at 2% during 2 hours.

Foam generator :

With a mixture at 2%.

**Bactericidal:
0.3%**

**Virucidal:
1.5%**

**Fungicidal:
2%**

COMPOSITION:

Glutaraldehyde	182 g/L
Benzalkonium Chloride	41.6 g/L
Didecyltrimethylammonium Chloride	52 g/L



**CONTAINERS of 5 Kg - 20 Kg - 60 Kg
DRUMS of 200 Kg**

ALPHALISIER



LIQUID MANURES LIQUEFACTION PRODUCT

- ✓ Reduces smells by 85%
- ✓ Makes easier cleaning
- ✓ Better nitrogen value for plants

ALPHALISIER is a powder to pour out in liquid manures tanks to:

- ✓ Improve the liquefaction of liquid manures.
- ✓ Reduce fattening pigs' liquid manure smells by 85% compared to other test rooms.
- ✓ Results confirmed by Aroma Consult certified by Cofrac 02/2015, analysis report N°2014-256-RA1
- ✓ Average in treated rooms with ALPHALISIER: 10 ppm NH3

A liquid manure treated with ALPHALISIER is a fermented liquid manure. It improves the taking root. The spreading year, it allows to give 37 % more of NH4 to plants up.

A liquid manure treated with ALPHALISIER does not nip vegetables and does not destroy earthworms.

- A decrease of NH3 rate in buildings allows an improvement of feed value and a better FCR.
- A rate superior to 25 ppm NH3 involves a decrease feed consumption by 160g/day so a drop of 40g GMQ and a rise of FCR from 0.02 to 0.08%.

	Ammoniacal nitrogen	Organic nitrogen
Untreated liquid manure	60 %	40 %
Liquid manure with ALPHALISIER	80 %	20 %

- If the pH of ground is almost neutral, the ammoniacal nitrogen contained in the fermented liquid manure (it means 80%), will easily fix itself on the following combination clay-humus. This will avoid the nitrogen leach.



Normal dosage :

Gestation / farrowing : 700 g per animal per month.

Post-weaning : 200 g per piglet before admittance.

Fattening : 700 g per pork before admittance.

Attack dosage :

Gestation / farrowing : 3 kg per m³ of caking manure.

Post-weaning and fattening : double dose.

COMPOSITION:

Lithothamne (Defined as Glénan quality)
Specific bacterial complex
Special clays



Attack dosage : 3 kg per month per m³ of caking manure during 3 consecutive months of preferably with minimum temperature of 12°C. (For the outside pits)

Normal dosage : 500 g per head per week.

BAGS of 25 Kg

ALPHAMITES DW



NATURAL
SOLUTION

COMPLEMENTARY FEED SUPPLEMENTS FOR LAYERS

ALPHAMITES DW contributes to improve the natural resistance of layers against mites. It has been designed to make the layers blood indigestible for mites; it improves the natural resistance of layers in their environment; our solution is a liquid product to administer to poultry through drinking water.

ALPHAMITES DW stimulates layer's natural defenses to create a natural toxin in the blood. This toxin is therefore an immune response. With this toxin, blood coagulates in red mite's organism; the red mite dries and cannot sting the hen anymore.

Thanks to ALPHAMITES DW, the layer itself repels the red mite!



ALPHAMITES DW must be administered in drinking water at the rate of:

- 0,5 litre for 1000 litres of water, at the rate of 200 ml per hen, during 4 days running + 2 days three weeks after and 2 days four weeks after.
- Then, renew this treatment for 4 days running 15 to 20 weeks after the first.

COMPOSITION per Litre:

Magnesium (Chloride):	15 000 mg
Sodium (Chloride):	380 mg
Vitamin C :	12 000 mg
Plants extracts :	25 ml
(<i>Organum vulgare</i> , <i>Echinacea purpurea</i> , <i>Ginseng</i> , <i>Cynorrhodon</i>)	
Purified Water:	Up to 1L



CONTAINERS of 5 and 10 L

ALPHASECURE L



LIQUID COMPLEMENTARY FEED SUPPLEMENT

To fight polar and no-polar mycotoxins, stimulate animals' natural defenses and fight the digestive tracts oxidation.

✓ **Antibacterial :**

ALPHASECURE-L is a blend of acids and yeast extracts for a full security of the digestive tract. The acid combination will lower the pH in the gastrointestinal tract, limiting the proliferation of harmful bacteria.

✓ **Probiotic effect:**

Yeast extracts contains in ALPHASECURE-L will have a prebiotic effect on the digestive tract by stimulating positive intestinal flora, acting as fermentation substrate.

✓ **Anti-oxydant :**

Beta-glucans and MOS present in yeast extracts are involved in reducing feed contamination: they agglomerate mycotoxins and other harmful substances in the gut, because of their physical structures providing better protection against gastrointestinal tract pathogens.

✓ **Digestion :**

The combination of both acid and yeast extracts in ALPHASECURE-L will prevent digestive problem, such as diarrheas, ... By improving digestion of poultry and bovines, ALPHASECURE-L will allow improved weight gain, feed conversion rate,



Dairy cows :

250 ml / dairy cow once or twice per day during 4 to 7 days to treat ketosis.

To reduce ketosis risk : 125 ml / day during 8 days , mixed in the feed intake.

Sheeps :

50 ml once or twice per day during 3 to 5 days at the time of ketosis.

To reduce cetosis risk: 25 ml / day. 5 days running.

Brollers and Layers :

1 litre in 1000 litres of water during 3 to 5 days. Renew the application every 2 weeks if there are still digestive problems.

Composition :

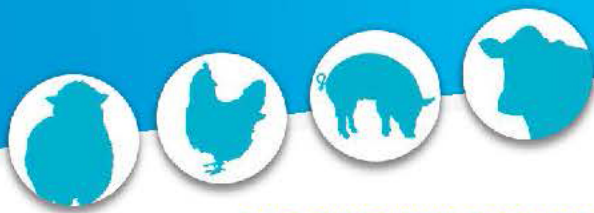
Yeast extracts (Saccharomyces Cerevisiae)	200 000 mg
Betaine	20 000 mg
Phosphorus	60 000 mg
Lactic acid	80 000 mg
Citric acid	80 000 mg
Monopropylene Glycol	120 000 mg



CONTAINERS from 1 to 20 L

Do not consider this advertising as a technical data sheet

ALPHATABS



20G TABLETS FOR DRINKING WATER PURIFICATION IN BREEDING

Today, the use of water from private collect is more and more important. However, these waters often are prone to bacteriological quality variations, with worrying consequences.

The more important risks are where water stagnates in the open air, facing temperatures variations, such as in opened water tanks, or drinkers, where it is necessary to use a purification product with remanent activity.

Decreased handling risks, easy dosage, small packaging: stability and efficiency of the product are improved.

- ✓ Efficiently acts for the disinfection of animal water outside (drinkers) and for any water reserve.
- ✓ Does not decompose itself at heat
- ✓ Filters UV rays
- ✓ Allows an easy dosage
- ✓ Allows an easy storage
- ✓ Allows an easy conservation stability.
- ✓ Can be used in pump systems for automatic chlorine.

**Shock
treatment for
water tanks**

One tablet of 20 g allows treating 2500 litres of water.

For better results, a water analysis should be led at least twice a year in the case of water from a well or drilling.

ALPHATABS 20g can be used in pump systems for automatic chlorine. In this case, the number of tablets to be used should be determined, depending on the volume of water to be treated, and the pump speed.

A box of 1 kg treats about 115 m³ of water, dosed at 2 ppm.

Check the presence of free chlorine at the farthest consumption point from treatment, thanks to the control set. You should find at least 0.5 ppm of active chlorine.

CARACTERISTIQUES TECHNIQUES:

Aspect : White effervescent tablet 20g
pH : 10,7 for 1 gr/100ml of water.

Storage : Away from heat and humidity.

Active matters: SYMCLOSENE (N° CAS 87-90-1)

Contains among others : 30% or more: colored whitening agents.

TABLETS of 20g
BOX of 1 Kg



ALPHAAMBIANCE



COMPLEMENTARY FEED SUPPLEMENT IN POWDER

Reduction of NH_3 in breeding premises

ALPHAAMBIANCE is a complementary feed supplement designed to :

- ✓ Improve farming houses atmosphere (reduction of ammonia odors).
- ✓ Reduce anaerobic fermentations.
- ✓ Improve liquid manures homogeneity.
- ✓ Assist intestinal balance.
- ✓ Improve FCR.



ALPHAAMBIANCE is particularly recommended for:

- ✓ Reduction of liver steatose risks.
- ✓ Prevention of stomach ulcers.



Incorporate ALPHAAMBIANCE at the rate of:
5 kg per ton of feed.

COMPOSITION:

Seaweed
Clays
Mineral Silica
Yucca Schidigera extracts



BAGS of 25 Kg

ALPHAZE0



TOXIN BINDER IN POWDER

Mineral complex based on Aluminosilicate containing 80% of Montmorillonite

- ✓ Powerful natural catcher of myco-toxins.
- ✓ Reduction of gas in breeding premises.
- ✓ Reduction of odors in breeding premises.
- ✓ Improvement of protein nitrogen value

ALPHAZE0 is a mineral complex based on Aluminosilicate, containing 80% of Montmorillonite. It is a proteins sponge which increases protein nitrogen assimilation placing itself into zeolite's pores. It allows to improve protein nitrogen value of feed and to decrease by 1 point of proteins in feed of feeder pigs.



Feeder pigs:

0.5-3kg per ton of feed.



Bovines: 10-50 g per day.



Poultry and broiler turkeys:

2-4 kg per ton of feed.

BAGS of 25 Kg
BIG BAG of 500 Kg

ALPHAZEO P



TOXIN BINDER IN POWDER

To fight polar and no-polar mycotoxins, stimulate animals' natural defenses and fight the digestive tracts oxidation.

- ✓ Powerful natural catcher of myco-toxins.
- ✓ Reduction of gas in breeding premises.
- ✓ Reduction of odors in breeding premises.
- ✓ Improvement of protein nitrogen value

ALPHAZEO-P is a mineral complex based on Aluminosilicate, containing 80% of Montmorillonite. It is a protein's sponge which increases protein nitrogen assimilation by placing itself into zeolite's pores. It allows to improve protein nitrogen value of feed and to decrease by 1 point of proteins in feed of feeder pigs.



Feeder pigs:

0.5-3kg per ton of feed.



Bovines: 10-50 g per day.



Poultry and broiler turkeys:

2-4 kg per ton of feed.

Composition :

Montmorillonite, Clinoptilolite, Seaweed meal

BAGS of 25 Kg
BIG BAG of 500 Kg

ALPHASECURE



TOXIN BINDER IN POWDER FORM

To fight polar and no-polar mycotoxins, stimulate animals' natural defenses and fight the digestive tracts oxidation.

✓ Antibacterial :

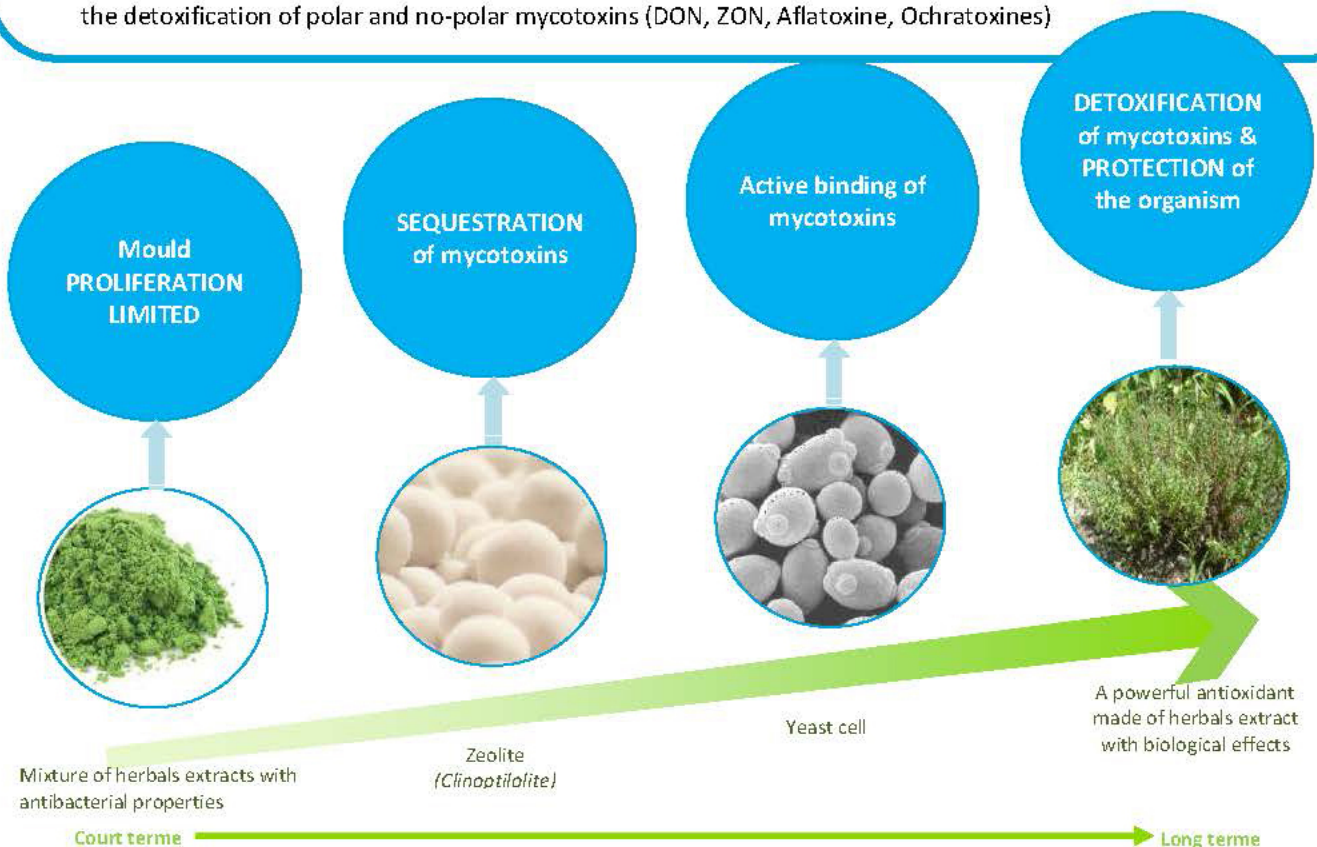
The mixture of herbals extracts with antibacterial properties in ALPHASECURE reduces the bacterial contamination and improves the digestion (tests made in a Laboratory specialized in epidemiological studies).

✓ High quality fixatives agents :

Thanks to its high fixative's and filtering components (zeolite and vegetal charcoal), ALPHASECURE transforms mycotoxins in less toxic molecules and avoids them to get over the digestive tract.

✓ Anti-oxydant :

According to his powerful antioxidant made of herbals extracts with biological effects, ALPHASECURE guarantees the detoxification of polar and no-polar mycotoxins (DON, ZON, Aflatoxine, Ochratoxines)



Composition : Zeolite (Clinoptilolite), Vegetal charcoal, Yeast, Plant extracts with powerful antioxidant activity

ALPHASECURE can be stored during 24 months – It should be administrated in the food ration as :

- 1 to 2 kg / Ton of feed
- In case of chronic contamination or mycotoxins ingestion in small quantities : 4 Kg / Ton of feed

BAGS of 20 Kg

OUR LITTER CONDITIONERS

**A DRIER BEDDING AND A HEALTHY ATMOSPHERE
FOR ANIMAL WELFARE**



DELTASEC

HIGH ABSORPTION CAPACITY FOR A LONGER SOFT AND DRY BEDDING.

- ✓ Absorption capacity: More than 3 litres of water are absorbed per kg of product.
- ✓ Odor : Strengthened Eucalyptus.
- ✓ Contains an antibacterial nucleus.
- ✓ Particularly suited for drying of newborn piglets.
- ✓ Talc effect.
- ✓ Ingredients from mineral, vegetal and marine origin, Antibacterial nucleus, Aromatic substances, Yucca Schidigera extracts

DELTANET

IREDUCE BACTERIA DEVELOPMENT.

- ✓ Absorption capacity: 2.2 litres of water are absorbed per kg of product.
- ✓ Odor : essential oils cocktail (Cinnamon, Clove, Lemongrass, Orange).
- ✓ Ingredients from mineral, vegetal and marine origin, Essential oils



DELTALITIERE

ESPECIALLY DESIGNED TO DRY AND PRE-COMPOST LITTER KEPT IN SHED.

- ✓ Absorption capacity: More than 2 litres of water are absorbed per kg of product.
- ✓ Odor: Menthol.
- ✓ Ingredients from mineral origin, Ingredients from vegetal origin, Clays, Specific bacterial complex

DELTALIT

FORMULATION FOR A DRIER BEDDING AND HEALTHY ATMOSPHERE.

- ✓ Absorption capacity: 2 litres of water are absorbed per kg of product.
- ✓ Odor: Citronella, Menthol or Eucalyptus.
- ✓ Ingredients from mineral, vegetal and marine origin, Aromatic substances, Yucca extracts.

DELTASEC Litter conditioner



- ✓ Phosphorus free
- ✓ Biodegradable
- ✓ Expecto-rant
- ✓ Makes easier cleaning
- ✓ A real decontaminant
- ✓ Reduces ammonia production
- ✓ Hand-spread



More than 3 litres of water absorbed
per kg of product !

Its superior capacity to absorb liquids ranks it as
THE MOST ABSORBANT LITTER CONDITIONER OF THE MARKET.



- ✓ **Drying of newborn piglets:**
 - A welfare feeling (cover effect)
 - A better umbilical cord healing
 - Quicker colostrum intake



- ✓ Its **absorption capacity** allows it to stay longer on duckboards or gratings.

- ✓ **Reduction of mastitis risks and udder bacterial contamination.**
Drier bedding reduces the bacterial risk..



- ✓ **The warrantee of a longer soft and dry beddings :**
 - Decrease of bedding deterioration around drinking places and where birds are used to gathering together.
 - A better control of beddings temperatures (under 30°C).

It contains a 100% natural origin nucleus validated in vitro
and in vivo for its antibacterial activity.



*DELTASEC mixed at the rate
of 2.5 water volumes in 1 volume of
product (Immediate result)*

DELTASEC Litter conditioner



25 Kg BAGS

COMPOSITION:

Ingredients from mineral origin
 Ingredients from vegetal origin
 Ingredients from marine origin
 Antibacterial nucleus
 Aromatic substances
 Yucca Schidigera extracts



Sow : 50 g per day behind the sow and in the farrowing area. For easier cleaning !

Gilt : 70 g per day on straw or sawdust bedding.

Farrowing : Spread Deltasec on the pen and on heat mats before farrowing.

DELTASEC is especially designed for newborn piglets drying at birth.



Straw litter cowshed : 2 kg per cow after cleaning and before mulching.

Kept in shed : 1 kg per cow per week for 7m² of bedding.

Box : 500 to 600 g per box and per week.

Breeding calf : 80 g per m² 3 times per week.



Sheepfold : 50 g per m² twice per week.



Turkey : 40 g per m² twice per week from 2nd to 10th week.

Broiler : 40 g per m² twice per week from 2nd to 5th week.

Ducks :

On straw : 50 g per m² every day from 1st to 12th week.

On duckboards : 30 g per m² every day from 1st to 12th week



Horse stall : Before bedding renewing, spread 2/3 kg of DELTASEC.

Then, in maintenance and before bedding aeration, spread 1 kg of DELTASEC 2 to 3 times per week depending on the bedding moisture level.

DELTASEC in a few tests and trials

✓ Ph Level when the product is saturated with water:

Neutral. Origin of the tests : U.S.A.

✓ Capacity to purify atmosphere in livestock houses :

1st (origin of the trials : Brittany - Denmark - U.S.A.).

✓ Test of the petri-dish at 85 % of relative humidity :

1st (origin of this test : Thailand - Korea).

Goal to : estimate the capacity of the product to resist to the room humidity. It is twice less sensitive to air humidity than the product in 2nd position.

As a consequence, Deltasec better keeps its absorption properties.

✓ Absorption capacity : More than 300 %. **1st**

(origin of the trials : France – U.S.A – Brazil – Spain – Germany – Russia – Korea – China).

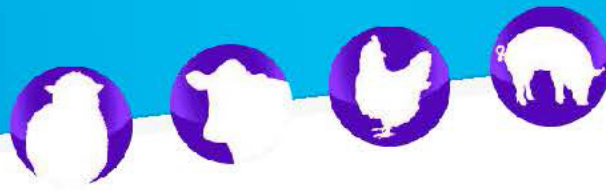
✓ Capacity to stay on the floor (duckboards) : **1st**

Stays the longest (origin of the trials : Brittany - Spain - Poland).

✓ Decontamination capacity : **2nd**

(origin of the trials : Brittany – USA – Korea).

DELTANET Litter conditioner



**ESPECIALLY DEVELOPPED FOR DAIRY COWS
LIVING IN BOXES**

- ✓ Phosphorus free
- ✓ Biodegradable
- ✓ Expectarant
- ✓ Makes easier cleaning
- ✓ A real decontaminant
- ✓ Reduces ammonia production
- ✓ Hand-spread



- ✓ **Reduction of bacteria development** in waiting places, beddings, boxes and gratings. It has been particularly created to dry floors between two premises.
- ✓ **Reduction of environmental mastitis risks.**
The essential oils incorporated in DELTANET contribute to neutralize Escherichia Coli and Streptococcus Faecalis responsible for environmental mastitis.
- ✓ **Reduction of sub-clinical mastitis risks.**
The essential oils incorporated in DELTANET contribute to neutralize Staphylococcus Aureus responsible for sub-clinical mastitis (Leucocytes).
- ✓ Its absorption capacity allows it to stay longer on duckboards or gratings.
More than 2.2 litres of water are absorbed per kg of products.



Premises with wheat straw:

- 2 kg per dairy cow after stable cleaning and before new wheat straw bedding.
- 1 kg per dairy cow per week for 7 m² of sleeping place - for a dairy cow at 7000 kg of milk.
- 1.5 kg per dairy cow per week for 10 m² of sleeping place - for a dairy cow at 10 000 kg of milk.

Boxes:

500 g to 600 g / box / week.

Do not forget to use DELTANET in waiting places and breeding calves boxes.

COMPOSITION:

Ingredients from mineral origin
Ingredients from marine origin
Clays
Essential oils



Gestation place: 60 g per day and per sow.

Maternity: Do not use for piglets in maternity.



Sheep and goats: 150 g per day.



Poultry on straw: 50 g per m² once a week.



DELTANET mixed at the rate of 2 water volumes in 1 volume of product (Immediate result).

BAGS of 25 Kg

DELTALITIERE Litter conditioner



Help for animal comfort

- ✓ Manage mulching stabling
- ✓ $< 1.2 \text{ kg/m}^2/\text{day}$
- ✓ Spreading of liquid manure facilitated

DELTALITIERE is an additive in powder form for animals litter designed to :

- ✓ Dry boxes and gratings.
- ✓ Manage temperatures of litters for dairy cows.
- ✓ Reduce NH_3 smells in buildings.
- ✓ Reduce pododermatitis in flesh poultry.
- ✓ Reduce gassing during storage and spreading.
- ✓ Avoid the caking of liquid manure in pre-pit.

Recommendations for a litter kept in shed minimum 2 months:

Provide for a surface of 7m^2 / dairy cow for 7 000 litres of milk. Provide 1m^2 more for every 1 000 litres extra.

Provide for 3 kg of DELTALITIERE per month per LU with a distribution of product after mulching once by week always the same day, so 700 g / dairy cow / week after mulching

For flesh poultry (on straw or shaving), spread 200 g of DELTALITIERE per m^2 before the flocks arrival, then, spread 70 g per m^2 on wetland after mulching.



Dairy cows:

- Straw litter cowshed: 700 g per week.
- Box: 100 g per day (with sawdust or straw).
- Calves/Bull-calves:** From 200g to 500 g per week (according to calves weight).



- Sow:** 200 g/pig and per week after mulching
- Pork:** 100 g/pork and per week after mulching
- Piglet:** 50 g/piglet and per week after mulching



Sheeps - Goats: 70 g/ m^2 per week.



Poultry :

- **Attack dosage:** 200 g per m^2 on straw or wood shaving before flocks arrival.
- **Normal dosage:** 70 g per m^2 on wetlands.

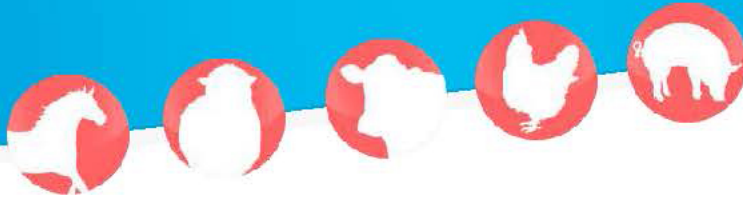
COMPOSITION:

Vegetables and minerals drying complex
Clays

BAGS of 25 Kg



DELTALIT Litter conditioner



**A DRIER BEDDING AND A HEALTHY
ATMOSPHERE FOR ANIMAL WELFARE.**

- ✓ Phosphorus free
- ✓ Biodegradable
- ✓ Expecto-ant
- ✓ Makes easier cleaning
- ✓ A real decantaminant
- ✓ Reduces ammonia production
- ✓ Hand-spread

- ✓ **Efficient :**
Absorbs liquids at a ratio of **2 litres per kg minimum in a few minutes.**
- ✓ **Economical:**
A tight price for an absorption at least equal to the most competitor products similaires.
- ✓ **Clean:**
Does **not become muddy**. It agglomerates wet residues for easier cleaning.
- ✓ **For air purification and premise sanitization :**
Available on 3 different forms: Citronella, Menthol or Eucalyptus, in essential oils and terpenes form to avoid pathogenic bacteria finding in the bedding a favourable environment to proliferation. DELTALIT shows as well an insect repellent effect.
- ✓ **For sanitization :**
Improves livestock premises atmosphere and helps greatly to neutralize ammonia.
- ✓ **For the comfort and hygiene of sows and newborn piglets :**
During farrowing period and at the time of newborn piglet first contact with the ground and with udders. It is moreover ideal to dry newborn piglets and greatly helps the umbilical cord stump healing.



Sow : 65 g per day in gestation behind the sow and in the farrowing area.

Gilt : 100 g per day for straw or sawdust litter.

Farrowing : Dispense DELTALIT in the pen and on heat mats before farrowing.



Kept in shed : 400 g per cow 2 times per week.

Box : 180 g per cow and per day.

Breeding calf: 80g per m²-3 times per week.



Sheepfold : 65 g per m² twice per week.



Living in loose boxes: Before litter renewing, 5 kg. Then, in maintenance and before litter aeration, spread 1 or 2 kg twice a week according to litter moisture.



Turkey : 50 g per m² twice per week from the 2d to the 10th week.

Chicken : 50 g per m² twice per week from the 2d to the 5th week.

Duck :

- **On straw:** 70 g per m² 3 times a week from the 1st to the 12th week

On grating: 50 g per m² 3 times a week from the 1st to the 12th week.

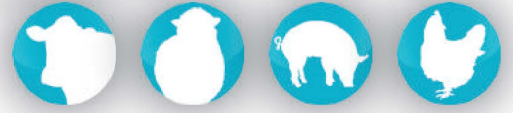
COMPOSITION:

Ingredients from mineral origin
Ingredients from vegetal origin
Ingredients from marine origin
Aromatic substances



BAGS of 25 Kg

TOLL MANUFACTURING



**WE MANUFACTURE YOUR OWN LITTER CONDITIONER
ACCORDING TO YOUR CHOICES :**

1 ABSORPTION RATE : FROM 1 TO 3 LITRES



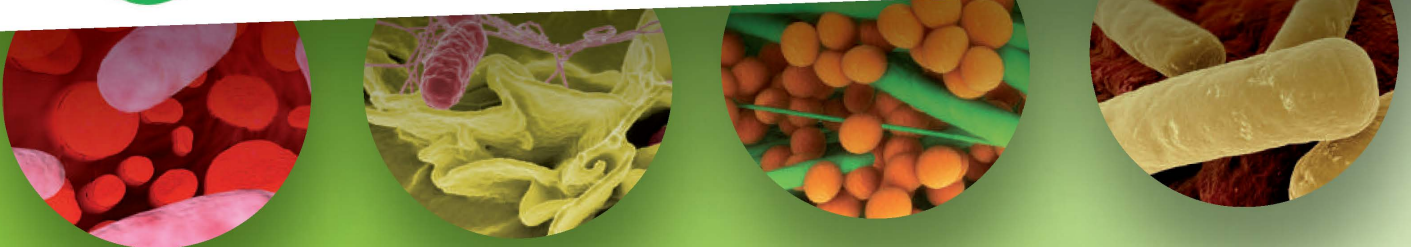
2 CHOICE OF ODOR :



- ✓ EUCALYPTUS
- ✓ CITRONNELLA
- ✓ MENTHOL
- ✓ 2 COCKTAILS OF ESSENTIAL OILS

3
TALC
EFFECT
OR NOT

4 ADDITION OF AN ANTIBACTERIAL 100% NATURAL NUCLEUS OR NOT.



5 PACKAGING BAGS CAN BE CUSTOMIZED WITH YOUR BRAND NAME & YOUR LABEL DESIGN