

PRODUCT CATALOGUE



ORANGEMILLS
HOLLAND

PROTEIN CONCENTRATES FARM MINERALS PREMIXES YOUNG ANIMAL FEED FEED ADDITIVES

Our Story

Experience and innovation you can trust...

About OrangeMills

OrangeMills is a GMP+ FSA certified company specialized in providing high-quality animal nutrition solutions for a wide range of species and challenges. With decades of experience and a team of expert nutritionists, we are dedicated to enhancing animal health, welfare, and performance.

Experience and Trust:

Experience matters, and at OrangeMills, we bring decades of experience in the animal nutrition world from within our team and partners. With a proven track record of success, we have earned the trust of farmers, feedmills, and integrations worldwide. We understand the intricate needs of production animals, and our products reflect this deep understanding.

Comprehensive Range:

From Protein concentrates that are the missing puzzle piece for your feed, to MacroMix and PreMix formulations that deliver optimal nutrition, our range addresses every market situation. But we don't stop there – our Feed Additives (OrangePerform, OrangeBind and OrangeProtect), Phytogetic solutions (Eubiox range), and Young Animal Feeds (OrangeStart prestarter feeds and OrangeLac calf milk replacers) ensure that every specific challenge and life stage is approached with precision, in order to boost your performance.

Located in Boxmeer, the Netherlands:

Nestled in the heart of animal production innovation, Boxmeer stands as a testament to decades of pioneering advancements. As the ideal headquarter for our animal nutrition company, Boxmeer offers a thriving ecosystem where tradition and innovation intertwine seamlessly. Boxmeer its rich history is deeply rooted in transformative breakthroughs in animal production. With a legacy that spans generations, this hub of knowledge and expertise creates an environment that fosters growth and ingenuity. The local network of research institutions, and industry leaders from the whole value chain fuels an atmosphere of collaboration.

Partnership for Progress:

When you choose OrangeMills, you're choosing a partnership that goes beyond transactions. We're interested in your success and the well-being and performance of your production animals. Our dedicated team is here to provide guidance, support, and expertise every step of the way.

OrangeMills

Experience and innovation you can trust.



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Ration balancing products



OrangeMills Protein Concentrates

Intro

To get optimal performance from production animals, they need to be fed well-balanced diets containing the right amounts of energy, digestible amino acids (in the right ratios), macro minerals, vitamins, trace elements and specialties. Local raw materials play a key role in this, but there is almost always a missing “puzzle piece” to come to a well-balanced feed. OrangeMills Protein Concentrates, together with the supplied mixing directions, form this missing “puzzle-piece”.

Product description

OrangeMills Protein Concentrates are tailor-made blends containing all necessary vitamins, trace-elements, macro-minerals, amino acids, specialties and balanced protein sources.

OrangeMills Protein Concentrates are the missing puzzle piece to transfer the local raw materials into economical, high performant feeds. Inclusion rates can vary from 5% till 35%, depending on locally available raw materials, their quality and price. Your local raw materials, in combination with the specially designed OrangeMills Protein concentrates and the provided tailor-made mixing directions, make your puzzle complete.

Both the product and the mixing directions are tailor-made by our in-house experienced specialists according to the latest nutritional insights, ensuring you of the best results!

Resulting in the following advantages:

- Cost optimal feed
- Base of high quality proteins
- Easy dosing
- Optimal animal performance



Main ingredients

- Vitamins
 - Trace-elements
 - Macro-minerals
 - Amino acids
 - Range of specialities like enzymes, yolk colorants, etc.
 - Balanced protein sources
-

Application

Use 50 - 350kg per metric ton of OrangeMills Protein Concentrate depending on formulation. The OrangeMills technical team can support you with this.

Packing

- 50kg Polypropylene bag
- 1.000kg Bigbags



OrangeMills MacroMix



Intro

In order to get optimal performance from production animals they need to be fed well-balanced diets containing the right amounts of energy, digestible amino acids (in the right ratios), macro minerals, vitamins, trace elements and specialties. OrangeMills MacroMix, together with the supplied mixing directions, form the basis to produce exactly such well-balanced feeds. Ensuring that you make optimal usage of your locally available raw materials, resulting in good performance of your animals.

Product description

OrangeMills Macromix are tailor-made blends containing all necessary vitamins, trace- elements, macro-minerals, amino acids and specialties.

With the standard inclusion rate of one bag per metric ton of feed you can balance your local raw materials into the perfectly optimized feed, containing all necessary ingredients. Inclusion rates can vary from 1,5% till 2,5%, depending on locally available raw materials, their quality and price.

No risks of dosing errors, no need of sourcing many different small ingredients separately, good homogeneity of the feed, while creating the most cost-optimal performant ration.

Both the product and total ration are tailor-made by our in-house experienced specialists according to the latest nutritional insights.

All to optimize performance in your feed mill and/or home mixing farm!

Resulting in the following advantages:

- No risk of dosing errors
- Cost optimal feed
- Optimal animal performance!



Main active ingredients

- Vitamins
 - Trace-elements
 - Macro-minerals
 - Amino acids
 - Range of specialties like enzymes, yolk colorants etc.
-

Application

Dose 15 - 25kg per metric ton depending on formulation.
The OrangeMills technical team can support you with this.

Packing

- 25kg Polypropylene bag
- 1.000kg Bigbags



OrangeMills PreMix



Intro

Today's production animals have been genetically bred for high performance. In order for the animals to come close to their genetic potential, support with the right level of vitamins and trace elements is a key factor. Not providing enough of these nutrients can have very serious consequences for your animal's health, performance and potentially even mortality as a result.

The OrangeMills PreMix range has been developed to provide a pre-mixture of vitamins, minerals and specialties in line with the needs of modern genetics.

Product description

OrangeMills PreMix offer tailor-made vitamin and trace-element blends including a wide range of specialties like enzymes, yolk colorants etc.

The ingredients are carefully selected in order to create products with a high stability in order to minimize losses.

Any inclusion rate from 0,1% till 1% can be provided according to customer's specifications and wishes, or one of our many standard proven formulas.

Resulting in the following advantages:

- Good homogeneity
- Stable product
- Optimal particle size
- Produced according to high quality standards (GMP+ FSA)



Main ingredients

- Vitamins
 - Trace-elements
 - Range of specialties like enzymes, yolk colorants etc.
-

Application

Dose at 1kg – 10kg per metric ton of layer feed depending on formulation.
The OrangeMills technical team can support you with this.

Packing

- 25kg Polypropylene bag
- 1.000kg Bigbags

Feed additives



OrangePerform



OrangePerform Elite-D



Intro

Under modern practical production conditions animals generally face microbial challenges, resulting in reduced performance. Traditionally if such occurs, farmers would try to solve it by using antibiotics. Yet, ultimately this will result in the microbes developing resistance against these antibiotics. During the last decades scientists have been searching for alternatives worldwide. Organic acids, medium chain fatty acids and salts of organic acids have proven to have a good efficacy against all sorts of microbes. Depending on which microbe to target, different organic acids / their salts and MCFAs are being selected.

Product description

OrangePerform Elite-D is a dry synergistic blend of organic acids and their salts as well as medium chain fatty acids (MCFAs), whereby the liquid ingredients are set on a silica carrier, therefore no complicated dosing equipment is required.

OrangePerform Elite-D offers broad anti-microbial support with special focus on gram-positive bacteria like Clostridia, by the addition of MCFAs (C8, C10, C12). As MCFAs have a longer chain length, they will reach further into the intestinal tract, thus offering anti-microbial activity in both the fore- and hindgut. OrangePerform Elite-D already starts its mode of action in the crop as it helps with the acidification of the crop and stomach, thereby opening up the cell structures in the feed, thus improving the digestion of the nutrients from your feed. Formic acid is an effective organic acid in supporting the reduction of gram-negative bacteria in the crop and stomach. By reducing the gram-negative bacterial load (like Salmonella and E. Coli) in the digestive tract, you are feeding the birds with the nutrients provided in the feed instead of the microbes. The other short chain fatty acids (SCFAs) in OrangePerform Elite-D broaden the efficacy against other microbes like yeasts, molds and gram-negative bacteria such as Salmonella and E. Coli.

By having an extensive blend of multiple SCFAs in combination with MCFAs, we offer a synergetic mode of action against a broad spectrum of pathogens, which is effective in the whole digestive tract.



Resulting in the following advantages:

- Lower FCR
- Higher growth rate
- Lower mortality
- Better litter quality
- Less foot pad lesions
- Less need for antibiotics
- No complicated dosing equipment needed
- Overall, more profit!

Main active ingredients

- Sodium Formate
- Formic Acid
- Propionic Acid
- Lauric Acid (C12)
- Acetic Acid
- Capric Acid (C10)
- Caprylic Acid (C8)
- Benzoic Acid
- Sorbic Acid
- Lactic Acid
- Sodium, chloride free (13,2%)
- Carrier (SiO2)

Application

Dosage: 0.5 – 2.5 kg/Mton in compound feed, depending on bacteria contamination and digestive challenges.

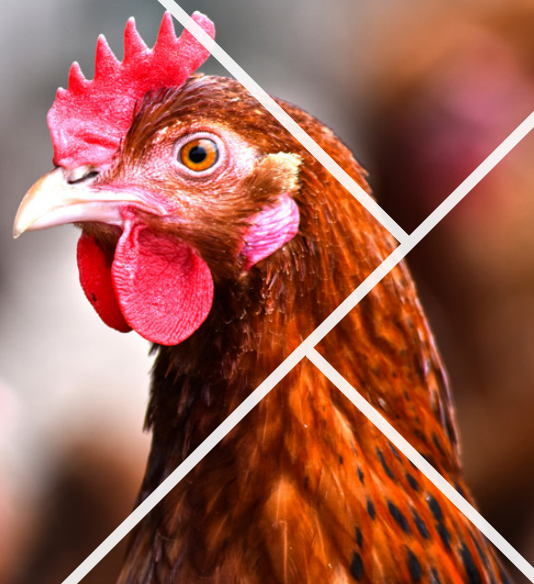
Preventative dose	0.5 – 1.0 kg/Mton of finished feed*
Pullets and laying hens	1.5 – 2.5 kg/Mton of finished feed*
Chicks in the starter phase	1.5 – 2.5 kg/Mton of finished feed*
Broilers, turkeys and ducks	1.5 – 2.5 kg/Mton of finished feed*
Beef cattle & Milking cows	10 – 50 g/cow/day*

* in case of lighter challenge use lower dose, in heavy challenges use highest dose.

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags

OrangePerform Elite-L



Intro

Under modern practical production conditions animals generally face microbial challenges, resulting in reduced performance. Traditionally if such occurs farmers would try to solve it by using antibiotics. Yet ultimately this will result in the microbes developing resistance against these antibiotics. During the last decades scientists have been searching for alternatives worldwide. Organic acids, medium chain fatty acids and salts of organic acids have proven to have a good efficacy against all sorts of microbes. Depending on which microbe to target, different organic acids / their salts and MCFAs are being selected.

Product description

OrangePerform Elite-L is a synergistic liquid blend of organic acids and their salts as well as medium chain fatty acids (MCFAs).

OrangePerform Elite-L offers broad anti-microbial support with special focus on gram-positive bacteria like Clostridia, by the addition of MCFAs (C8, C10). As MCFAs have a longer chain length, they will reach further into the intestinal tract, thus offering anti-microbial activity in both the fore- and hindgut. OrangePerform Elite-L already starts its mode of action in the crop as it helps with the acidification of the crop and stomach, thereby opening up the cell structures in the feed, thus improving the digestion of the nutrients from your feed. Formic acid is an effective organic acid in supporting the reduction of gram-negative bacteria in the crop and stomach. By reducing the gram-negative bacterial load (like Salmonella and E. Coli) in the digestive tract, you are feeding the birds with the nutrients provided in the feed instead of the microbes. The other short chain fatty acids (SCFAs) in OrangePerform Elite-L broaden the efficacy against other microbes like yeasts, molds and gram-positive bacteria such as Clostridia. By having an extensive blend of multiple SCFAs in combination with MCFAs, we offer a synergetic mode of action against a broad spectrum of pathogens, which is effective in the whole digestive tract.



Resulting in the following advantages:

- Lower FCR
- Higher growth rate
- Lower mortality
- Better litter quality
- Less foot pad lesions
- Less need for antibiotics
- Overall, more profit!

Main active ingredients

- Formic Acid
- Sodium Formate
- Propionic Acid
- Acetic Acid
- Capric Acid (C10)
- Caprylic Acid (C8)
- Sorbic Acid
- Benzoic Acid

Application

Dosage: 0.5 – 2.5 kg/Mton in compound feed, depending on bacteria contamination and digestive challenges.

Preventative dose	0.5 – 1.0 kg/Mton of finished feed*
Pullets and laying hens	1.5 – 2.5 kg/Mton of finished feed*
Chicks in the starter phase	1.5 – 2.5 kg/Mton of finished feed*
Broilers, turkeys and ducks	1.5 – 2.5 kg/Mton of finished feed*
Beef cattle & Milking cows	10 – 50 g/cow/day*

* in case of lighter challenge use lower dose, in heavy challenges use highest dose.

Packing

- 25kg Jerrycans
- 240kg Barrels
- 1.100kg IBC's



OrangePerform Profit-D

Intro

Traditionally sodium bicarb is used to bring sodium to the diet without chloride. However, it is much more expensive than salt. OrangePerform Profit-D offers you all the benefits of organic acid blends / their salts and phytogenics, and at the same time providing the same amount of chloride free sodium as sodium bicarbonate. Thus, saving you the expenses of sodium bicarbonate giving you two for the price of one.

Product description

OrangePerform Profit-D is a dry product that combines the positive effects of a lower level of chloride in the feed, with the positive effects of short chain fatty acids, their salts, and phytogenics. In that sense it offers two for the price of one.

On one hand replacing expensive sodium bicarbonate in a ratio of 1 to 1, while on the other hand adding the benefits of (buffered) organic acids and phytogenics.

Lowering the Cl level in feed is done in order to support drier litter quality. This is often achieved by replacing salt in the ration with sodium bicarbonate, however sodium bicarbonate has a stomach acid buffering effect. Thereby sodium bicarbonate takes away stomach acid, whereas enough stomach acid is crucial for a good digestion and good results.

OrangePerform Profit-D on the other hand, replaces sodium bicarb 1 to 1, thereby still lowering the Cl content in the feed, however adding the positive effect of (buffered) organic acids and phytogenics on antimicrobial activities, hence improving technical results.

OrangePerform Profit-D can also be used to replace NaCl directly in a ratio of 1 NaCl to 1,5 OrangePerform Profit-D. In that case the Cl content is lowered in the feed without applying Sodium bicarbonate. Also then, the same positive antimicrobial effects of OrangePerform Profit-D are valid.

Resulting in the following advantages:

- Lower FCR
- Lower mortality
- Better litter quality
- Drier droppings
- Higher growth rate
- Less need for antibiotics
- Less foot pad lesions
- Overall, more profit!



Main active ingredients

- Sodium Formate
- Calcium Formate
- Sorbic Acid
- Benzoic Acid
- Cinnamaldehyde Liquid
- Oregano Liquid (Natural)
- Sodium, chloride free (27%)
- Calcium (2%)
- Free flowing agent (SiO₂)

Application

Dosage: 1.0 – 2.5 kg/Mton in compound feed, depending on bacterial contamination, and sodium bicarbonate and/or NaCl level in feed.

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags





OrangePerform pH-L

Intro

Under practical farming conditions clean drinking water is very often overlooked, yet essential for good animal performance. Due to contaminated water microbial intake and thereby challenge is increased, reducing overall results and profitability. Organic acid blends and salts of organic acids have proven to have a good efficacy against all sorts of microbes. Depending on which microbe to target, different organic acids / their salts are being selected.

Product description

OrangePerfom pH-L is a synergistic liquid blend of organic acids, their salts and copper. As birds drink approximately twice as much as they eat, clean drinking water free of pathogens is crucial for good technical results and bird's health.

OrangePerform pH-L is an effective agent against yeasts, entero- and gram-negative bacteria, thus ensuring clean drinking water for the birds and improving quality of digestion.

The synergetic blend of organic acids in OrangePerfom pH-L, lowers the water pH (should be dosed till pH <4) and consequently also lowers the pH in crop and gizzard. Organic acids in an acidic environment are capable of penetrating gram-negative bacteria and kill them from the inside. Hence acidifying the water with OrangePerform pH-L will ensure clean drinking water, free from gram-negative bacteria for the birds. OrangePerform pH-L will have the same mode of action in the crop and gizzard thus will also be effective against gram-negative bacteria taken up from feed and/or bedding material.

Next to the mode of action against gram-negative bacteria, the acidifying effect in crop and gizzard also helps in opening up the cell structures in the feed, thus improving the digestion of the nutrients from your feed.



Resulting in the following advantages:

- Lower FCR
- Higher growth rate
- Lower mortality
- Overall, more profit!
- Better litter quality
- Less foot pad lesions
- Less need for antibiotics

Main active ingredients

- Formic Acid
- Sodium Formate
- Propionic Acid
- Acetic Acid
- Benzoic Acid
- Coppersulphate 5aq

Application

Dosage: 1.0 – 2.5 kg/1000 liter, depending on hardness of water, should be dosed till pH <4.

Packing

- 25kg Jerrycans
- 240kg Barrels
- 1.100kg IBC's



OrangePerform Plus-D

Intro

Under modern practical production conditions animals generally face microbial challenges, resulting in reduced performance. Traditionally if such occurs farmers would try to solve it by using antibiotics. Yet ultimately this will result in the microbes developing resistance against these antibiotics. During the last decades scientists have been searching for alternatives worldwide. Organic acid blends and salts of organic acids have proven to have a good efficacy against all sorts of microbes. Depending on which microbe to target, different organic acids / their salts are being selected.

Product description

OrangePerform Plus-D is a dry synergistic blend of organic acids, their salts and phytochemicals, therefore no complicated dosing equipment is required. Calcium and sodium formate provide good available calcium and sodium, and the remaining formate will become formic acid in an acidic environment like the gizzard. Formic acid is an effective organic acid in the reduction of gram-negative bacteria. By reducing the gram-negative bacterial load (like Salmonella and E. Coli) in the digestive tract, you are feeding the birds with the nutrients provided in the feed instead of the microbes. Sorbic acid, benzoic acid and phytochemicals broaden the efficacy against other microbes like yeasts and gram-positive bacteria such as Clostridia. Citric acid helps with the acidification of the crop and stomach, thereby opening up the cell structure in the feed, thus supporting improvement of digestion of the nutrients in your feed.

Resulting in the following advantages:

- Lower FCR
- Higher growth rate
- Lower mortality
- Better litter quality
- Less foot pad lesions
- Less need for antibiotics
- No need for complicated dosing equipment
- Overall, more profit!



Main active ingredients

- Calcium Formate
- Sodium Formate
- Sorbic Acid
- Citric Acid
- Cinnamaldehyde Liquid
- Oregano Liquid natural
- Benzoic Acid
- Calcium (16,3%, due to double Ca availability compared to limestone, it's equal to 32,6% calcium)
- Sodium, chloride free (11,9%)
- Free flowing agent (SiO₂)

Application

Dosage: 0.5 – 2.5 kg/Mton in compound feed, depending on bacteria contamination and digestive challenges.

Preventative dose	0.5 – 1.0 kg/Mton of finished feed*
Pullets and laying hens	1.5 – 2.5 kg/Mton of finished feed*
Chicks in the starter phase	1.5 – 2.5 kg/Mton of finished feed*
Broilers, turkeys and ducks	1.5 – 2.5 kg/Mton of finished feed*
Beef cattle & Milking cows	10 – 50 g/cow/day*

* in case of lighter challenge use lower dose, in heavy challenges use highest dose.

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangePerform Plus-L

Intro

Under modern practical production conditions animals generally face microbial challenges, resulting in reduced performance. Traditionally if such occurs farmers would try to solve it by using antibiotics. Yet ultimately this will result in the microbes developing resistance against these antibiotics. During the last decades scientists have been searching for alternatives worldwide. Organic acid blends and salts of organic acids have proven to have a good efficacy against all sorts of microbes. Depending on which microbe to target, different organic acids / their salts are being selected.

Product description

OrangePerform Plus-L is a synergistic blend of organic acids and their salts. OrangePerform Plus-L already starts its mode of action in the crop as it helps with the acidification of the crop and stomach, thereby opening up the cell structure in the feed, thus improving the digestion of the nutrients in your feed. Formic acid is an effective organic acid in supporting the reduction of gram-negative bacteria in the crop and stomach. By reducing the gram-negative bacterial load (like Salmonella and E. Coli) in the digestive tract, you are feeding the birds with the nutrients provided in the feed instead of the microbes. The other organic acids in OrangePerform Plus-L broaden the efficacy against other microbes like yeasts, molds and gram-positive bacteria such as Clostridia.

Resulting in the following advantages:

- Lower FCR
- Higher growth rate
- Lower mortality
- Better litter quality
- Less foot pad lesions
- Less need for antibiotics
- Less gram-negative bacteria contamination
- Overall, more profit!



Main active ingredients

- Formic Acid
- Sodium Formate
- Propionic Acid
- Acetic Acid
- Lactic Acid
- Sorbic Acid
- Benzoic Acid

Application

Dosage: 0.5 – 2.5 kg/Mton in compound feed, depending on bacteria contamination and digestive challenges.

Preventative dose	0.5 – 1.0 kg/Mton of finished feed*
Pullets and laying hens	1.5 – 2.5 kg/Mton of finished feed*
Chicks in the starter phase	1.5 – 2.5 kg/Mton of finished feed*
Broilers, turkeys and ducks	1.5 – 2.5 kg/Mton of finished feed*
Beef cattle & Milking cows	10 – 50 g/cow/day*

* in case of lighter challenge use lower dose, in heavy challenges use highest dose.

Packing

- 25kg Jerrycans
- 240kg Barrels
- 1.100kg IBC's



OrangeBind



OrangeBind Afla



Intro

Aflatoxins have been an issue for many decades, causing huge health, performance and financial losses worldwide in all animal production species. Aflatoxins are formed by molds, either in the field during growth season or during storage. Aflatoxins cause liver damage, immune suppression and general loss of performance including higher mortality and loss of uniformity. Mycotoxins binders can support in reducing the negative impact of aflatoxins and support the immune system of animals.

Product description

The OrangeBind range has been developed to reduce the impact of mycotoxins exposure in the animal, by promoting the excretion of mycotoxins, altering their harmful action by biotransformation into significantly less toxic substances and supporting the immune response of the animal against the toxins itself.

OrangeBind Afla is specially designed for animal feedstuffs to bind polar mycotoxins (Aflatoxin, AFL) at maximum in the stomach and intestine. Besides Aflatoxin, OrangeBind Afla also binds Zearalenone (ZEA) and Ochratoxin A (OTA):

Mycotoxin:	Binding at pH 3,0	Binding at pH 6,5
Aflatoxin B1	97,9%	96,7%
Aflatoxin G1	97,9%	96,7%
Ochratoxin A	29,0%	29,0%
Zearalenone	72,0%	72,0%

Figures supplied by the University of Utrecht (Netherlands), measured at 2000 ppb content at dosage 0.25%



Resulting in the following advantages:

- Lower impact of mycotoxins from feed.
- Improved FCR.
- Overall better profitability!

Main active ingredients

- Bentonite
- Sepiolite

Application

Dosage: 0.5 – 5,0 kg/Mton in animal feed

Prevention	0.5 – 1.0 kg/Mton of finished feed*
Pullets and laying hens	1.5 – 5.0 kg/Mton of finished feed*
Chicks in the starter phase	1.5 – 5.0 kg/Mton of finished feed*
Broilers, turkeys and ducks	1.5 – 5.0 kg/Mton of finished feed*
Beef cattle & Milking cows	10 – 50 g/cow/day*

* Depending on the contamination level.

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags





OrangeBind Elite

Intro

Mycotoxins have been an issue for many decades, causing huge health, performance and financial losses worldwide. Mycotoxins are formed by molds, either in the field during growth season or during storage. As there are many different types of mycotoxins, the observations concerning the animals may vary. Depending on the type of mycotoxin involved, levels of mycotoxins found and the different animal species. Mycotoxin binders can support in reducing the negative impact of mycotoxins and support the immune system of animals.

Product description

The OrangeBind range has been developed to reduce the impact of mycotoxins exposure in the animal, by promoting the excretion of mycotoxins, altering their harmful action by biotransformation into significantly less toxic substances and supporting the immune response of the animal against the toxins itself. OrangeBind Elite is specially designed for animal feedstuffs to: control free radicals causing oxidation, bind polar mycotoxins (Aflatoxins) at maximum, Biotransform the chemical structure of mycotoxin molecules from toxic to non-toxic form (Zearalenones, Deoxinivalenol T2-Toxin, Ochratoxin, Fumonensin, etc. at maximum) and improve the general health and feed utilization.

The distinctive character of OrangeBind Elite is the synergistic ability to detoxify for both mycotoxins and metabolism cleansing. Further on, it improves and restores liver and pancreas functions by the means of carefully selected botanicals and biotransforms mycotoxins to non-toxic molecules. The highest results in elimination of the negative results of mycotoxins have been measured as follows:



Mycotoxin:	Detoxification at pH 3,0	Detoxification at pH 6,5
Aflatoxin B1	100%	100%
Aflatoxin B2	100%	100%
Aflatoxin G1	100%	100%
Aflatoxin G2	100%	99%
Ochratoxin	95%	71%
Zearalenone	100%	100%
T-2	69%	77%
Deoxynivalenol*	92%	100%
Enniatin	100%	100%
Fumonisin B2	100%	84%

Figures supplied by Nutrilab (Netherlands) & the University of Ghent (Belgium). Measured at 200 ng/ml and 0.5% inclusion and measured at 1.000ng/kg and 0,2% inclusion (900ng/kg is legal max)

Main active ingredients

- Bentonite and Sepiolite
- Citric Acid
- Inactivated Yeast and Yeast
- Prebiotics
- Propionic Acid
- Plant derivatives (phytgenics)
- Phosphoric Acid
- Enzymes

Application

Dosage: 0.5 – 2.5 kg/Mton in animal feed

Prevention	0.5 – 1.0 kg/Mton of finished feed*
Pullets and laying hens	1.5 – 2.5 kg/Mton of finished feed*
Chicks in the starter phase	1.5 – 2.5 kg/Mton of finished feed*
Broilers, turkeys and ducks	1.5 – 2.5 kg/Mton of finished feed*
Beef cattle & Milking cows	10 – 50 g/cow/day*

* Depending on the contamination level.

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangeProtect



OrangeProtect Salkill-L

Intro

Salmonella contamination in meat and eggs is a known problem, severely impacting human health. For that reason, there is an increasing pressure from consumers, retail and authorities to reduce Salmonella contamination. In order to reduce Salmonella contamination in meat and eggs, Salmonella needs to be controlled throughout the production chain, including raw materials and feed. The OrangeProtect Salkill range contributes to the control of salmonella incidences.

Product description

OrangeProtect Salkill-L is a synergetic blend of (buffered) organic acids, medium chain fatty acids and surfactants, offering lasting protection against (re-)contamination of gram negative e.g. Salmonella, E. Coli, yeasts and molds.

Traditionally often formaldehyde was being used as Salmonella treatment of raw materials and feed. However, formaldehyde does not protect against recontamination with Salmonella as it evaporates quickly. Furthermore, due to the strong carcinogenic effect of formaldehyde, it has been banned in the EU. OrangeProtect Salkill-L on the other hand, remains in raw materials and feed, and due to the addition of surfactants spreads evenly over the particles, thereby providing lasting protection.

Medium chain fatty acids are added as they aid in the penetration through the cell wall of the Salmonella and other pathogens, thus enhancing the antimicrobial efficacy of the other components in OrangeProtect Salkill-L.

Resulting in the following advantages:

- Synergetic salmonella control
- Long-lasting protection against salmonella, mold and yeast
- Protection again recontamination
- Non-carcinogenic



Main active ingredients

- Formic Acid
 - Sodium Formate
 - Propionic Acid
 - MCFAs
 - Sodium, chloride free (5,1%)
 - Surfactant
-

Application

Dosage: 1.0 – 5.0 kg/Mton in feed, depending on contamination, moisture content, storage conditions and storage period.

Packing

- 25kg Jerrycans
- 240kg Barrels
- 1.100kg IBC's



Physiological stabilizers





Eubiox CBL Dry

Intro

Abrupt changes in diet, encounters with toxins, and a range of stress-inducing factors like elevated temperatures can negatively affect the immune system of poultry within the gastrointestinal tract. These conditions can cause a healthy gut to shift towards a 'leaky gut'. Negatively influencing the birds' overall health and performance and impacting their productivity and well-being.

Technical specifications

Crude fatty acids (botanic origin) from splitting Mono-di and triglycerides of fatty acids. Salts of fatty acids from fermentation. Natural products, botanically defined, carrier.

Appearance: Dry

Colour: Beige-Brownish

Product description

EUBIOX® CBL Dry is a blend of natural substances specifically developed to support poultry in sensitive periods.

Application

Eubiox CBL Dry 1 kg / MT feed

Eubiox PP Dry is also available in a concentrated form:

(Pre)-starters: 250 gr / MT feed

Growers: 100 – 250 gr / MT feed

Packing

• 20kg polypropylene bag



Eubiox CBL

Intro

Abrupt changes in diet, encounters with toxins, and a range of stress-inducing factors like elevated temperatures can negatively affect the immune system of poultry within the gastrointestinal tract. These conditions can cause a healthy gut to shift towards a 'leaky gut'. Negatively influencing the birds' overall health and performance and impacting their productivity and well-being.

Technical specifications

Crude fatty acids (botanic origin) from splitting Mono-di and triglycerides of fatty acids. Salts of fatty acids from fermentation. Natural products, botanically defined. Glyceryl polyethyleneglycol ricinoleate.

Appearance: Liquid

Colour: Beige-Brownish

Product description

EUBIOX® CBL is a blend of natural substances specifically developed to support poultry in sensitive periods

Application

Broilers: from the pre-solution:

500ml per 1000L drinking water from Day 1 to Day 4

500ml per 1000L drinking water from Day 11 to Day 13

1000ml per 1000L drinking water from Day 20 to Day 26

Packing

- 10kg jerrycan
- 25kg jerrycan
- 240kg barrel
- 1.100kg IBC's





Eubiox PP Dry

Intro

Abrupt changes in diet, encounters with toxins, and a range of stress-inducing factors like elevated temperatures can negatively affect the immune system of poultry within the gastrointestinal tract. These conditions can cause a healthy gut to shift towards a 'leaky gut'. Negatively influencing the birds' overall health and performance and impacting their productivity and well-being.

Technical specifications

Crude fatty acids (botanic origin) from splitting Mono-di and triglycerides of fatty acids. Salts of fatty acids from fermentation. Natural products, botanically defined, carrier.

Appearance: Dry

Colour: Beige-Brownish

Product description

EUBIOX® PP Dry is a blend of natural substances specifically developed to support piglets in the post weaning period. Mode of action is based upon the microbiome and their endogenous postbiotic production.

Application

Pre-starter weaning piglets: 250gr / MT feed

Starter weaning piglets: 100 – 150gr / MT feed

Packing

- 20kg polypropylene bag



Eubiox PP

Intro

During the weaning phase, the piglet's digestive system has not fully matured yet and has not reached full immune competence. Together with other 'weaning stress' factors this can make piglets more susceptible to dysbiosis. This challenging situation can play a role in the development of diseases among recently weaned piglets.

Technical specifications

Crude fatty acids (botanic origin) from splitting Mono- di and triglycerides of fatty acids. Salts of fatty acids from fermentation. Natural products, botanically defined. Glyceryl polyethyleneglycol ricinoleate.

Appearance: Liquid

Colour: Beige-Brownish

Product description

EUBIOX® PP is a blend of natural substances specifically developed to support piglets in the post weaning period.

Application

Weaning piglets: Of the pre-solution:
Start with providing 2000ml per 1000L drinking water until 2 weeks after weaning. Continue with 1000ml per 1000L drinking water until 6 weeks after weaning.

Packing

- 10kg jerrycan
- 25kg jerrycan
- 240kg barrel
- 1.100kg IBC's





Eubiox PPN

Intro

During the weaning phase, the piglet's digestive system has not fully matured yet and has not reached full immune competence. Together with other 'weaning stress' factors this can make piglets more susceptible to dysbiosis. This challenging situation can play a role in the development of diseases among recently weaned piglets.

Technical specifications

Crude fatty acids (botanic origin) from splitting Mono-di and triglycerides of fatty acids. Salts of fatty acids from fermentation. Natural products, botanically defined, carrier.

Appearance: Liquid

Colour: Beige-Brownish

Product description

EUBIOX® PPN is a blend of natural substances specifically developed to support piglets in the farrowing unit.

Application

Piglets from day 0 – day 10: 1 ml. Repeat 2 to 3 days.

Piglets older as day 10: 2 ml (application via pump). Repeat 2 to 3 days.

Packing

• 250ml bottle

Young Animal feeds



OrangeStart



OrangeStart



Intro

In Dutch we say: "A good start is half of the work" which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. Even though a day-old chick appears to be fully developed, in reality the immune system, temperature control, enzymatic production and digestive tract still needs some weeks to evolve. To support this, it is crucial that a young bird receives a specially designed top-quality feed in its first week(s) of life.

Product description

OrangeMills OrangeStart is a complete prestarter feed for broilers (0-7 days) and layer pullets (0-14 days), to give your birds the best possible start. OrangeStart is composed of the highest quality raw materials, containing many specialties.

Such as:

- Special calcium sources with high availability plus vitamin Hy-D for good bone development.
- A broad blend of enzymes in order to support specially the digestion of the weaker chicks, thus giving better uniformity.
- Omega 3 fatty acids, (buffered) organic acids and probiotics to support good overall health status and gut health.
- Emulsifier to support optimal fat digestion.

OrangeStart is a short 2mm pellet making it easy to eat and stimulate maximum feed intake.



Main ingredients

- Highly digestible protein sources
 - Cleaned grains
 - Highly digestible calcium sources
 - Vitamin Hy-D
 - Enzymes
 - Omega 3 fatty acids
 - (Buffered) organic acids
 - Probiotics
 - Emulsifier
-

Application

Feed in the first 7 days for broilers (at least 160 grams) and for the first 14 days for layers (ad lib). Preferably use chick paper to apply the feed on when the chicks arrive in the house.

Packing

- 25kg polypropylene bag



OrangeLac



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HOLLAND



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www.orangemills.nl

OrangeLac Elite

Intro

In Dutch we say: "A good start is half of the work" which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. The start of life is a critical period during which calves establish the building blocks for their future health, growth, and productivity. Providing proper nutrition, care, and management during this phase is essential for setting them on the path to becoming healthy and productive members of the herd.

The OrangeLac portfolio consist of different products and compositions, so there is always the ideal solution available for your specific situation and goals. All products contain the highest quality raw materials, like a spray-dried fat kernel produced according to the latest insights.

Product description

OrangeLac Elite is the product in the range with the highest skimmed milk powder (SMP) content, which is at 60%. The SMP makes for a slower digestion, a more constant release of nutrients, as well as supporting a good rumen development. This as SMP forms a clot in the abomasum, that is slowly digested, giving a more constant release of nutrients. Thereby it makes for the safest digestion and minimizes the risk of digestive problems in calves. Because of this, it is also a product that can safely be fed in higher concentrations to go for maximum growth. Lastly, to further support the digestion, the development of the digestive tract and the digestion of nutrients, organic acid and probiotics are added. Overall, OrangeLac Elite is a highly palatable milk replacer that makes for a safe way to reach maximum growth in your calves.

Composition

Skimmed milk powder, whey powder, vegetable oil and fat (palm-copra)



Additives per kg:

Vitamins:			
3a672a	Vitamin A	25.000	IU
3a671	Vitamin D3	7.500	IU
3a700	Vitamin E	300	IU
Trace elements:			
3b103	Iron sulphate monohydrate	50	mg
3b108	Iron chelate, from glycine	50	mg
3b201	Potassium iodide	1,5	mg
3b405	Copper sulphate pentahydrate	10	mg
3b503	Manganese sulphate monohydrate	45	mg
3b605	Zinc sulphate monohydrate	120	mg
3b801	Sodium selenite	0,4	mg
Zootechnical additives:			
1k20601	Enterococcus Faecium NCIMB 10415	2,0 2*10 ⁶	CFU
4b17000i	Bacillus licheniformis	1.300	MCFU
Technological additives:			
1a238	Calcium formate	5,0	g

Analytical constituents:

Crude protein	24,0 %	Calcium	10,6 g/kg
Crude fat	20,0 %	Phosphor	7,0 g/kg
Crude fibre	0,0 %	Sodium	3,8 g/kg
Crude Ash	6,6 %		

Application

Warm and restricted feeding: mix 1 kg powder with 6 litres warm water (45-55°C)
Provide at 40-42°C

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangeLac Premium

Intro

In Dutch we say: "A good start is half of the work" which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. The start of life is a critical period during which calves establish the building blocks for their future health, growth, and productivity. Providing proper nutrition, care, and management during this phase is essential for setting them on the path to becoming healthy and productive members of the herd.

The OrangeLac portfolio consist of different products and compositions, so there is always the ideal solution available for your specific situation and goals. All products contain the highest quality raw materials, like a spray-dried fat kernel produced according to the latest insights.

Product description

OrangeLac Premium is designed to be given to calves in case of an increased risk of infection. It contains special immunoglobins from egg yolk, that support the immune system of the young calves. They can for instance play a supporting role in a calf with diarrhea, as they have shown to be able to bind and block diarrhea pathogens in the calves' intestine. Furthermore, Orangelac Premium has a high level (40%) of skimmed milk powder (SMP), as SMP makes for a slower digestion and a more constant release of nutrients. Thereby it makes for safe digestion and lowers the risk of digestive problems in calves. To further support the digestion and the development of the digestive tract, organic acid and probiotics are added.

Altogether, OrangeLac Premium gives your calves the extra immune support needed in case of extra challenges, combined with a safe to digest formula with high SMP content. All to maximize growth in your calves, even in case of increased infection pressure.

Composition

Skimmed milk powder, whey powder, vegetable oil and fat (palm-copra), delactosed whey powder, dried egg products



Additives per kg:

Vitamins:			
3a672a	Vitamin A	25.000	IU
3a671	Vitamin D3	7.500	IU
3a700	Vitamin E	300	IU
Trace elements:			
3b103	Iron sulphate monohydrate	50	mg
3b108	Iron(II) Chelate	50	mg
3b201	Potassium iodide	1,5	mg
3b405	Copper sulphate pentahydrate	10	mg
3b503	Manganese sulphate monohydrate	45	mg
3b605	Zinc sulphate monohydrate	120	mg
3b801	Sodium selenite	0,4	mg
Zootechnical additives:			
1k20601	Enterococcus Faecium NCIMB 10415	2,0 2*10 ⁶	CFU
4b17000i	Bacillus licheniformis	1.300	MCFU
Technological additives:			
1a238	Calcium Formate	5,0	g

Analytical constituents:

Crude protein	25,0 %	Calcium	10,4 g/kg
Crude fat	19,0 %	Phosphor	7,5 g/kg
Crude fibre	0,0 %	Sodium	4,2 g/kg
Crude Ash	7,2 %		

Application

Warm and restricted feeding: mix 1 kg powder with 6 liters warm water (45-55°C) Provide at 40-42°C

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangeLac Super

Intro

In Dutch we say: "A good start is half of the work" which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. The start of life is a critical period during which calves establish the building blocks for their future health, growth, and productivity. Providing proper nutrition, care, and management during this phase is essential for setting them on the path to becoming healthy and productive members of the herd.

The OrangeLac portfolio consist of different products and compositions, so there is always the ideal solution available for your specific situation and goals. All products contain the highest quality raw materials, like a spray-dried fat kernel produced according to the latest insights.

Product description

OrangeLac Super is designed for a smooth transition from colostrum to calf milk in order to give your calves an easy start. OrangeLac Super is suitable for a feeding system with more regular feedings, as it consists of a higher whey content, though it also contains skimmed milk powder (SMP) for extra safety. It is designed to perfectly fit the needs of a young calf, with dairy-based proteins. The basis amount of SMP gives for a safe basis of slowly digestible nutrients, and to give extra support to the digestion and the development of the digestive tract, organic acid and probiotics are added.

OrangeLac Super gives your calves an easy transition from colostrum to calf milk, and gives an easy start, with a product designed for the needs of a young calf.

Composition

Whey powder, skimmed milk powder, vegetable oils and fats (palm-copra), wheat protein, delactosed whey powder.



Additives per kg:

Vitamins:			
3a672a	Vitamin A	25.000	IU
3a671	Vitamin D3	7.500	IU
3a700	Vitamin E	3.000	IU
Trace elements:			
3a672a		25.000	IU
3a671		7.500	IU
3a700		3.000	IU
3a672a		25.000	IU
3a671		7.500	IU
3a700		3.000	IU
3a672a		25.000	IU
Zootechnical additives:			
1k20601	Enterococcus Faecium NCIMB 10415	2,0*10 ⁶	CFU
4b17000i	Bacillus licheniformis	1.300	MCFU
Technological additives:			
1a238	Calcium Formate	5,0	g

Analytical constituents:

Crude protein	22,0 %	Calcium	9,5 g/kg
Crude fat	19,0 %	Phosphor	6,8 g/kg
Crude fibre	0,0 %	Sodium	5,5 g/kg
Crude Ash	7,0 %		

Application

Warm and restricted feeding: mix 1 kg powder with 6 liters warm water (45-55°C) Provide at 40-42°C

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangeLac Plus

Intro

In Dutch we say: "A good start is half of the work" which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. The start of life is a critical period during which calves establish the building blocks for their future health, growth, and productivity. Providing proper nutrition, care, and management during this phase is essential for setting them on the path to becoming healthy and productive members of the herd.

The OrangeLac portfolio consist of different products and compositions, so there is always the ideal solution available for your specific situation and goals. All products contain the highest quality raw materials, like a spray-dried fat kernel produced according to the latest insights.

Product description

OrangeLac Plus is the easy and quick digestible whey-based product that promotes dry feed intake for maximum rumen development. OrangeLac Plus is a quick digesting product based on whey powder, that therefore also is suitable for a system in which calves can be fed unrestricted. To give extra support to the digestion and the development of the digestive tract, a blend of organic acids and probiotics are added.

OrangeLac Plus is a no-nonsense, high-quality whey-based milk replacer for good rumen and intestine development.

Composition

Whey powder, vegetable oil and fat (palm-copra).



Additives per kg:

Vitamins:			
3a672a	Vitamin A	25.000	IU
3a671	Vitamin D3	7.500	IU
3a700	Vitamin E	3.000	IU
Trace elements:			
3b103	Iron sulphate monohydrate	50	mg
3b108	Iron(II) chelate of glycine	50	mg
3b201	Potassium iodide	1,5	mg
3b405	Copper sulphate pentahydrate	10	mg
3b503	Manganese sulphate monohydrate	45	mg
3b605	Zinc sulphate monohydrate	120	mg
3b801	Sodium selenite	0,4	mg
Zootechnical additives:			
1k20601	Enterococcus Faecium NCIMB 10415	2,0*10 ⁶	CFU
4b17000i	Bacillus licheniformis	1.300	MCFU
Technological additives:			
1a238	Calcium Formate	5,0	g
1a330	Citric acid	5,0	g

Analytical constituents:

Crude protein	21,5 %	Calcium	10,2 g/kg
Crude fat	16,0 %	Phosphor	7,3 g/kg
Crude fibre	0,0 %	Sodium	5,3 g/kg
Crude Ash	7,2 %		

Application

Cold and unrestricted feeding: dissolve 1 kg powder in 3 liters of warm water (45-55°C) and then add 3 liters of cold water. Warm and restricted feeding: mix 1 kg powder with 6 liters warm water (45-55°C) Provide at 40-42°C

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangeLac Support

Intro

In Dutch we say: “A good start is half of the work” which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. The start of life is a critical period during which calves establish the building blocks for their future health, growth, and productivity. Providing proper nutrition, care, and management during this phase is essential for setting them on the path to becoming healthy and productive members of the herd.

The OrangeLac portfolio consist of different products and compositions, so there is always the ideal solution available for your specific situation and goals. All products contain the highest quality raw materials, like a spray-dried fat kernel produced according to the latest insights.

Product description

OrangeLac Support is the most economic calf milk solution in the OrangeLac range, which is based on whey, delactosed whey and hydrolysed wheat protein. It is an easy dissolving product, targeted at economic calf rearing. The combination of quality milk-based protein with quality plant-based protein can promote the uptake of dry feed, and thereby help in the rumen development. This eases the weaning period and the transition to a fully dry feed diet at a later age.

OrangeLac Support is a calf milk aimed at economic calf rearing and easy transitioning to dry feed.



Composition

Whey powder, vegetable oil and fat (palm-copra), delactosed whey powder, whey protein powder, wheat protein

Additives per kg:

Vitamins:			
3a672a	Vitamin A	25.000	IU
3a671	Vitamin D3	7.500	IU
3a700	Vitamin E	100	IU
Trace elements:			
3b103	Iron sulphate monohydrate	50	mg
3b201	Potassium iodide	0,8	mg
3b405	Copper sulphate pentahydrate	10	mg
3b503	Manganese sulphate monohydrate	40	mg
3b605	Zinc sulphate monohydrate	75	mg
3b801	Sodium selenite	0,3	mg

Analytical constituents:

Crude protein	21,5 %	Calcium	8,1 g/kg
Crude fat	18,0 %	Phosphor	8,1 g/kg
Crude fibre	0,0 %	Sodium	8,2 g/kg
Crude Ash	8,5 %		

Application

Warm and restricted feeding: mix 1 kg powder with 6 liters warm water (45-55°C) Provide at 40-42°C

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags



OrangeLac Lamb Elite

Intro

In Dutch we say: "A good start is half of the work" which in young animals is very much applicable. The first phase in life sets the basis for future performance and results. The start of life is a critical period during which lambs establish the building blocks for their future health, growth, and productivity. Providing proper nutrition, care, and management during this phase is essential for setting them on the path to becoming healthy and productive members of the herd.

The OrangeLac portfolio consist of different products and compositions, so there is always the ideal solution available for your specific situation and goals. All products contain the highest quality raw materials, like a spray-dried fat kernel produced according to the latest insights.

Product description

OrangeLac Lamb is perfectly suited for a motherless rearing of lambs, as the product is tailored to the needs of the young lamb by mimicking ewe's milk. OrangeLac Lamb is milk protein based and has a skimmed milk powder (SM) content of 50%. The SMP simulates the clot forming that also happens when a lamb is drinking ewe's milk. Thereby it closely mimics ewe's milk and makes for a slow and safe digestion that slowly releases nutrients to the intestine. This in combination with the optimal levels of vitamins and minerals promotes maximum growth in the young animal.

OrangeLac lamb is specially tailored to the lamb's needs and mimic ewe's milk to achieve the highest and safe growth.



Composition

Skimmed milk powder, whey powder, vegetable oil and fat (palm-copra), delactosed whey powder, hydrolysed wheat gluten.

Additives per kg:

Vitamins:			
3a672a	Vitamin A	16.000	IU
3a671	Vitamin D3	4.000	IU
3a700	Vitamin E	100	IU
Trace elements:			
3b103	Iron sulphate monohydrate	95	mg
3b201	Calcium iodide, anhydrous	2,0	mg
3b503	Manganese sulphate monohydrate	45	mg
3b605	Zinc sulphate monohydrate	60	mg
3b801	Sodium selenite	0,3	mg

Analytical constituents:

Crude protein	24,0 %	Calcium	10,2 g/kg
Crude fat	20,0 %	Phosphor	7,9 g/kg
Crude fibre	0,0 %	Sodium	4,7 g/kg
Crude Ash	6,6 %		

Application

Warm and restricted feeding: mix 1 kg powder with 6 liters warm water (45-55°C) Provide at 40-42°C

Packing

- 25kg Multilayer Paper Bags with PE inner liner
- 1.000kg Bigbags





We are here to support you!

If you would like to get more information about our OrangeMills products or request support from our technical support team to enhance your results, please contact us via the form on the right, e-mail or get in touch by telephone.



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