

# H24<sup>®</sup>

*Birds' beauty & Welfare*

Our research for their well-being,  
for high-level performance

## *Top quality food*

Our commitment  
of responsibility over time  
to feed with quality  
birds on breeding facilities

## *Aesthetic*

Our bivalent recipe  
for an always perfect plumage,  
shiny and with bright colors.

## *Metabolic system*

Our formulas are studied  
for a fully efficient intestinal  
bacterial flora, specifically  
for their well-being.

## *Immuno plus*

A selection of ingredients to create  
a barrier resistant to aggression  
and a healthy and robust  
immune system.



When proper nutrition rhymes  
with well-being, the secrets to keep  
our birds healthy.

My hobby has led me to invest time and energy to understand how to take care of my birds in the best possible way. This path has not always been easy, but the dedication and perseverance in documenting myself to understand what to do to keep them healthy was very helpful. Moreover, all breeders know very well that there are dark moments in which we see our animals get sick and we don't know what to do.

Maybe we get advice, find information online or on social media, but it often becomes difficult to understand if they are sufficient to solve the problem of our birds. So we refer to our experience: what can we do, if a similar case never happened to us.

Just to answer the questions that arise in these moments, I decided to share the fruit of my research and my experience, in the interest of the breeders and of the animals themselves.

Getting to know our birds better, in fact, is the first step to take care of them in the best possible way.

And taking care of them starts well before they are sick: we can keep them healthy for a long time if we feed them correctly.

Sugars, phytates, lectins, gluten, but also milk derivatives and mycotoxins: these are the main enemies of our birds and are present in many foods. Therefore it becomes essential to know where they are contained, and understand which types of feed it would be better to avoid and which ones it would be better to limit consumption.

Another very important element to take into consideration is that birds have a very fast metabolism and weigh a few grams; therefore, we cannot think of feeding them as we would another mammal, without fully considering their specificity and their food needs.

Selecting the right foods, in the right quantities, can make a difference for their well-being and for this it is good to understand what can jeopardize their health in order to feed them more consciously.

And it is precisely with the hope that this study will be of help to those who are looking for solutions to improve the life of their animals and lengthen it. I share my experience in the field.

Because well-being comes from nutrition and choosing quality products, truly thought out for their needs, it is the first step to make them live well and for a long time.

*Gianni Davito*

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When a bird we care about is unwell, we feel lonely and often fear to be far from finding an optimal solution for him.

But above all, we are faced with a difficult decision to make: how do I treat it?

“Shall I go to a vet?”

Unfortunately, this is almost never an effective solution: the degenerative process of a bird is very fast and when we see him in crisis it is too late, he has already consumed the fat reserves at his disposal.

“Do I rely on my keen eye as a breeder?”

In those moments we feel a void that we are unable to fill ... there are many possible solutions, but it is often difficult to find the right one, if you have not already experienced the same situation. Being able to help a creature weighing a few grams quickly is an operation that a sometimes just seems too difficult!

So let's try to get out of the darkness of indecision by resorting to the solutions that we know or that some friends have recommended, perhaps on social media.

They respond to us in different ways, each one helps us in his own way and this initially can also make us happy, but we never fill that void that often marks the boundary between whether or not to save our friend, whom we may have struggled to bring home with us, making a lot of kilometers to fetch it. We were counting on its genetics and we have treated it even better than the other subjects ... in those moments we have a thousand thoughts in mind, but it is often difficult to find a truly effective solution.

In the end, we will realize that we have received many suggestions, but none owns the magic wand: at every purchase, perhaps at an important fair, they promise us incredible results, but then when that void is created, no one helps us, because it can only be filled with our experience and responsibility to recreate the total well-being of our subjects in our strain.

Just to try to fill these empty moments as much as possible, I decided to share my experience. The expressions I have used in this introduction are clearly metaphors of the difficult moments I have experienced many times, like so many other breeders. I hope that this research may help you achieve greater awareness regarding the feeding of your birds, enriching your wealth of knowledge aimed at increasing the well-being of your facility.

My goal has been to look for what can make our animals feel well.

The results of this research are extremely clear: we must stop administering industrial foods and use as little as possible chemical drugs such as antibiotics, cortisones, various wormers and pesticides, which suppress symptoms and weaken the strain.

You have to use as much as possible remedies consisting of selected ingredients and, with great responsibility, learning about and evaluating food ingredients. Hold on well present that the delicate bacterial flora of a bird, if treated with medicines, is eliminated, with the consequence that it will take more than 12 months to rebuild it.

This shocking time of the treated subjects makes us understand that a bird given an antibiotic, it is exploited for two reproductive seasons. The use of the medicines, done to deliver many babies or even as a regular hatching pre-treatment, cannot be considered an adequate antidote, but an artificial system that allows birds to stay alive, but not to stay healthy.

If you buy a treated subject and try to reproduce it the following season with a natural system, you will not get valuable results as its bacterial flora will not be yet formed. In fact, it will take at least two seasons for a complete recovery of the subject, but many breeders get bored sooner and do not wait the two years necessary for the recovery.

Having made this necessary premise on my hobby and the thoughts that accompany it, I'm going to start telling you about my studies on foods commonly used in ornithology, which greatly compromise the results of a breeder and the health of our bird friends.

Whenever you talk about a topic you will always have to take that into consideration a bird is a being of a few grams, unlike a human, and its degenerative process is very fast.

## **Sugars: the first enemy of birds**

I put sugars at the top of the list of products that are not good for birds. I recommend that you always read carefully if they are present in foods and supplements for ornithology, any type of sugars we are talking about, including those considered healthier such as cane sugar, brown sugar, fruit sugars, glucose, dextrose, etc.

In addition to stimulating the glycemic peak, and therefore the production of insulin, and consequently to favor the appearance of a general inflammatory state, they are the favorite food of parasites, yeasts and intestinal worms which, finding great availability of sugars, proliferate in excess to the detriment of the healthy intestinal microbiota. They therefore leave the intestine free of good bacteria and over time they damage the intestinal walls very heavily. We often feed our birds as we feed ourselves. But birds have an energy metabolism faster than that of a man, 4/5 times faster than that of a mammal! Sure, on a cellular level we all work the same, birds and mammals, but we take into account that they are also faster regarding degenerative processes.

As long as a bird is healthy and practicing flight, everything is fine, but when it feels bad often it stops flying and here the problems begin.

So how do sugars work? Simple, they increase the inflammatory process by 500%.

How can we block this process? By reducing the amount of sugars that we make our animals ingest.

## The main types of sugars

Let's start from the beginning. When we talk about sugars, we are talking about different types of sugars. Here's what they are:

- sucrose (which is the common white cooking sugar, also a basic constituent raw cane sugar and whole cane sugar), consisting of glucose and fructose (very dangerous);
- glucose, the most common sugar in nature;
- fructose, derived from fruit;
- lactose, derived from milk (poison for birds);
- dextrose, maltose and many others (normally present in the supplements used in ornithology).

These are just some of the terms that hide behind what is defined simply "sugar", but in reality, at least from a chemical point of view, it can take different forms.



The consumption of sugars (especially if they are more rapidly absorbed) stimulates the insulin production by the pancreas and, in response to chronically high levels of blood sugar and insulin, the tissues become less and less sensitive to insulin itself.

We now find sugar in many foods and we have clearly become addicted: the same is true for our animals. In ornithology we can find a high percentage of sugars in canary seed, millet, panicum and also in oats, corn, rice and barley.

Insulin cereals also contain high percentages of sugar. All of them rise the glycemic peak! They then cause inflammation and the higher the inflammation, the more the risks for the health of our birds.

Where can we find these insulin cereals in the ornithological field? In industrial soft foods, made with modern 00 flours; in the scraps of rusks, biscuits or breadsticks; in couscous; in extrusions and pearl cereals. Honey, semolina, breadcrumbs, corn flour, etc. are other fairly common sources of insulin cereals.

## The importance of keeping sugars low

When we feed our birds we have to make a very important move, which is choose foods and supplements without added sugar. This choice means to keep closed the door to inflammation, take fewer risks and have healthier animals.

I open a parenthesis, reporting studies made not only on sugars, but also on intestinal permeability.

The main causes of intestinal permeability are essentially four:

- an unbalanced and nutrient-poor diet;
- chronic stress;
- overload of toxins;
- imbalance and depletion of the intestinal microbiota.

The most common elements, present in everyday foods, that damage the wall of the intestine are, in fact, cereal proteins, sugars, processed foods and GMOs and, finally, pasteurized milk and its derivatives.

The problem with grains is that they contain large amounts of antinutrients (this is the way we call those elements that block the body's intake of other nutrients) namely phytates, lectins and gluten.

## The antinutrients

### The phytates

Phytates, which are also referred to as phytic diacids, hinder the absorption of some important minerals (calcium, iron, magnesium and zinc) and are widely present, as well as in cereals, also in legumes and oily seeds.

They are concentrated in the seeds and fibrous parts and, regarding the oil seeds, in the thin skin that directly covers the seed. For this reason they abound above all in whole foods, while they are practically absent in refined ones. Bran, for example, is very rich in phytates and for this reason nutritionists today advise against its use as a fiber supplement.

There is no doubt that a high presence of phytic acid can interfere with the absorption of calcium, iron and zinc, even leading to real deficiencies in birds' diets, which are based on modern cereals and flours.

Precisely in light of this I was very keen to explain to you that the ingredients usually used for ornithological products are mainly industrial; therefore, all this is amplified, it does not matter to companies how our animals feel.

We buy thanks to marketing and we never dwell on the responsibilities that we have towards our animals. In reading the ingredients of the supplements you can note that all of them are mainly composed of dextrose.

In this way we fill our birds with sugars, which become antagonists of the good active ingredients, and maybe in the end we also expect them to be well, but this is not possible.

## Lectins

Lectins are proteins present not only in cereals and legumes, but also in many other food categories, including dairy products, seafood and vegetables of the solanaceae family (tomato, potato, eggplant and pepper). Both vegetable and animal foods contain them and, unfortunately, in ornithology the percentage of ingredients containing lectins that we give to birds through food is very high.

Lectins, are part of the defensive system that plants have developed to protect their seeds from predators (birds, rodents, molds, parasites and of course man, too).

Since legumes and cereal grains are essentially the “offspring” of the plant, this one has developed a defense mechanism to avoid being eaten and to ensure the maximum odds of survival.

This is excellent news for the plant, but it is bad news for us breeders.

In fact, lectins tend to stick to the walls of the intestine and, over time, they damage it and cause inflammation.

Precisely because lectins are found in many categories of foods, the body of birds has developed the ability to digest them without harm, as long as they consume them in small quantities. The problem arises when you frequently eat foods that contain in them a high concentration of lectins, such as modified cereals for example, unfortunately it has been happening for decades in particular in modern Western food.

## Gluten

Gluten is a protein compound that originates from the union of two proteins, prolamine (or gliadin in the case of wheat) and glutenin. It is mainly present in cereals, primarily wheat, but also in emmer, barley, rye, kamut and oats.

Gluten (from the Latin “gluten”, ie glue) is that mixture of proteins thanks to which it is possible to transform the flour into a compact dough, let it rise and then obtain the various baked products that we all know well.

Even in the case of gluten, the bird’s organism has developed its capacity over time to digest small quantities without damage, the problem however is that modern wheat (obtained from ancient grains with genetic alterations and hybridization techniques that have profoundly modified the original structures of plants) contain a quantity of gluten many times higher than that of the cereal existing in nature. These techniques of genetic manipulation and hybridization were born and developed with the declared intention of creating cereals that were more resistant, more productive and better adapted to the needs of the food industries.

The consequences on the health of mammals and birds, which for various reasons (economic interests, underestimation of the problem and perhaps even a certain level of presumption) have not been taken into consideration in the past, are becoming more and more pressing. This is why a moderate consumption, not daily, of products made with flour from ancient grains or, rather, with cereal flours that naturally do not contain gluten is preferable and highly advisable.

The above has been dealt with so far from the point of view of the power supply of birds as these substances, contained in food, produce negative effects on intestinal microbiota, sensitive and delicate, of a bird weighing a few grams.

This alteration, defined intestinal dysbiosis, consists in a prevalence of bacteria with an aggressive action on the mucosa and on good bacteria, which live in the intestine and regulate its normal functionality.

In fact, not only do we live stably with a large amount of bacteria, but these are critical to health. On the contrary, however, an alteration in the number of bacteria or in the balance between pathogens and benign bacteria can give rise to a series of pathological symptoms. Many factors can cause the alteration of the bacterial population of the intestine with a progressive disjunction between cells : changes in the environment, pathologies such as virus or bacterial infections, diet changes or unbalanced diets, contamination in the nutritional chain or pharmacological therapies, etc.

I have done a lot of research on the organism of birds and I have spent a lot of time working on selected ingredients to achieve the well-being of their intestinal microbiota, which I consider of fundamental importance together with the correct functioning of the pancreas and liver.

## **Milk and dairy products**

Cheeses, milk and other dairy products should never be given to birds in breeding facilities, as they are highly toxic to them. Birds lack the Enzyme that allows the digestion of lactose, which is present in milk and its derivatives, therefore any administration of these foods immediately generates very severe digestive problems, which can even lead to death.

In particular, the conflict between lysine and arginine emerges in birds. In the diet, especially that of pullus, the relationship between these two amino acids should be balanced, while unfortunately these values do not equalize in casein and milk derivatives, in the sense that the ratio is 2: 1. And it is precisely this that makes them harmful to birds.

## Mycotoxins

I could not close this report on the foods that I consider harmful to the welfare of birds without dedicating a space to these enemies of our animals.

For all domestic, cage and aviary birds, among the many factors or causes predisposing to disease, alongside the more well-known ones such as viruses, bacteria or parasites, there are some particularly insidious, devious and invisible that affect animals in such unexpected ways, but which are among the most harmful: mycotoxins.

Mycotoxins are molds that, in certain climatic conditions, grow and develop during the transport and storage of cereals and seeds from which birds take their nourishment.

Birds are frequently fed seed mixes mainly from countries where heat, humidity and collection systems, not always suitable storage and transport cause the development of molds.

The types of molds that produce the most poisonous mycotoxins for birds are attributable to three different genera: *Aspergillus*, *Penicillium* and *Fusarium*. These are very common molds in nature, capable of degrading any organic material type and to adapt to very different living conditions. The genus *Aspergillus* includes about fifty species that grow mainly on stored products, especially in conditions of reduced humidity. The *Penicillium* genus includes molds that grow on grains and legumes, both during the harvesting and during storage, especially in colder and wetter conditions than normal. Molds of the genus *Fusarium* grow on the plants in the field and the toxins that they

produce can accumulate in the infected plant and seeds, eventually ending up in food.

The most common clinical signs and lesions caused by mycotoxins in birds.

Mycotoxins can be very difficult to diagnose. As I explained in precedence, in fact, a determined and continuous system of feeding the animals can even cause gradual poisoning, with symptoms that are camouflaged with those of other pathologies.

Whenever we see fluffing of the feathers, head under the wings, food refusal, gastroenteritis, redness of the cloaca, weight loss, alterations of the reproductive behavior, diarrhea, malformed eggs, enlarged liver or an apparently inexplicable increase in mortality, especially in pullets, mycotoxins must always be considered as a possible cause of discomfort.

Remedies for mycotoxicosis: Zeolite Eliminating molds from breeding means putting in place safety suitable measures, so that birds do not ingest contaminated food and that, should this ever happen, they are not absorbed by the intestine and are eliminated as quickly as possible through the feces.

As I already mentioned, the first real defense against mycotoxins are therefore enthusiasts and the breeders themselves. If you observe any signs of mold contamination on the feed or raw materials, the first thing to do is replace the contaminated feed or proceed with the replacement of raw materials.

The only system to gradually, but constantly, eliminate the various types of molds from the feeding of birds is the regular use of zeolite. Zeolite is a mineral known above all for its detoxifying effect on the body. Also known as “the scavenger of the body”, in fact, zeolite is a mineral of volcanic origin particularly appreciated for its microporous structure, which confers the ability to capture toxins from the bird’s body. Zeolite can be supplied daily to birds without contraindications.

Zeolite absorbs mycotoxins, heavy metals and pesticides: this mineral, thanks to its crystal structure, strengthens the egg shell structure and eliminates retention of the egg itself. It also helps the immune system thanks to its purification work.

It is also rich in minerals: the zeolite is not absorbed, but in exchange for the heavy metals, toxins and pesticides it captures, it is able to release useful substances to the body, including various mineral salts (potassium, magnesium, calcium, etc.).

**6LIFE:** a blend designed for the well-being of birds. Given its ability to eliminate mycotoxins, keeping the body healthy, the Zeolite has also been included within 6LIFE, a composition of six seeds (among which there are Chia, Fonio Paddy and Alfalfa) specially designed for the well-being of birds, able to integrate essential fatty acids, omega-3, omega-6 but also vitamins, vegetable proteins and trace elements.

It also contains many minerals, including manganese, calcium, phosphorus, copper, iron, selenium and magnesium.

Regular use of this blend will result in a dynamic development of the structure bone and egg shells, as well as ensuring a perfect balance of the intestinal microbiota.

The study of well-being H24

**Chisiya Mama:** the food with selected ingredients designed for the health of birds. Since the bird foods on the market today, often high in sugar and insulin cereals, did not respond really effectively to their nutritional needs, I dedicated myself to studying a food that can contain all the ingredients necessary for the health and well-being of our birds.

The study for the product that I am about to present to you is the result of a long and pioneering research, as I would define any human attempt to question everything that they wanted to teach about a topic. I am extremely convinced that without radical changes in presenting an innovative product we will never be able to experience new paths marked by the welfare of birds.

I have been passionate about ornithology for many years, my experience has been and still is very beautiful and complete. I have spent my entire life cultivating my precious passion.

The search for Chisiya Mama began in September 2016 and ended in September 2020 and then it took more than a year to find a supplier who could produce this very unique composition, which I had experienced in my home oven for four years.

My study started from the fact that birds are monogastrics like us humans and that therefore ingredients such as sugar, gluten, modern modified cereals and carbohydrates are not so good for their body. They open the doors easily to inflammation, creating chronic stress and various diseases.

Contrary to everything I have been able to study and infer from my ornithological tests, I believe that the control of sugars and carbohydrates in food has been neglected for birds. In fact, the foods intended for them very often contain sugars and insulin cereals that are cheap and cause glycemic spikes and loads.

This is why I dedicated myself to studying a food that did not contain any of these antinutrients, but only natural proteins and fats capable of making our pets feel good. Chisiya Mama, in fact, has been specially designed as a restorative food to keep the birds in perfect physical shape. Inspired by an extremely complete homemade recipe, with researched and high quality organic ingredients for humans, this composition helps make birds less susceptible to disease and much more lively. To successfully breed birds, it is necessary to consider that feeding plays a fundamental role and that is why Chisiya Mama is the result of many experiences and technical assessments on countless species to offer concrete answers to breeders and passionate about ornithology.

The selection of the ingredients of Chisiya Mama helps to strengthen the immunity defenses of birds and the product can be used at any time of the year without contraindications for their health.

Quinoa and Amaranth flours, thanks to their high content of fibers, minerals and unsaturated fats, act as modulators of intestinal absorption and are also valid prebiotics, that is, they are elements able to favor the life of the “good” bacteria that live in the intestine. Soybean and chickpea flours are rich in high quality proteins and are sources of immediate energy: in fact, they increase satiety ensuring a perfect development of pullus, without any stress.



The meticulous study of the ingredients of the product has resulted in a formulation that is also a panacea for feathers; it is rich in essential fatty acids and essential amino acids, which act as a shield and protect the organism of birds. Sunflower and Linseed flours are ideal for structuring and compacting the plumage with unsaturated fatty acids, either polyunsaturated (linoleic acid, omega-3 and omega-6) and monounsaturated (oleic acid, omega-9).

These elements, expertly mixed together, guarantee a faster moult, with the result of an extra strong plumage.

The ingredients of Chisiya Mama are low in sugar, gluten, rich in B vitamins and play an important role in the microbiota of the immune system.

Birds that feed on this food get much less sick and infections are also more under control.

The creation of this food had as its primary purpose the control of sugars, very present in the diets of birds in captivity. As highlighted above though an unbalanced diet, low in nutrients and composed of many sugars, causes in subjects chronic stress, toxin overload and depletion of the intestinal microbiota.

Colloidal Silver H24: an ally against bacteria and viruses To counteract the effect of bacteria and viruses, on the other hand, I studied a product based on properties of silver. Its therapeutic properties were already known in ancient Greece.

In fact, in families that used silver cutlery, infections and sickness were rarer. This knowledge has been passed down for many centuries, right down to modern days. Colloidal Silver is a double distilled water solution containing very fine particles 99.99% pure silver in suspension. These silver elements carry a positive ionic charge which makes them effective against organisms such as bacteria and fungi. Biomedical research has shown that no known organism cause of diseases (bacteria, viruses and fungi) can live more than a few minutes in the presence of a trace, even tiny, of metallic silver. The silver particles enter the harmful organism and interrupt its cellular function, neutralizing it.

Numerous clinical studies indicate that Colloidal Silver acts quickly against viruses and bacteria: it has been tested live and has neutralized many harmful organisms. Also, resistant strains cannot develop when Colloidal Silver is used.

The action of silver is non-toxic towards birds and mammals, while for single-celled life forms, such as microorganisms, silver is toxic and inhibits the breathing process of microorganisms, causing them to die from lack of oxygen.

Some time ago someone said that the transparent and colorless one was the “real” Silver Colloidal: Actually the clear solution should be a ionic silver solution and non-colloidal and it is transparent as the ions dissolve in the water.

Colloidal Silver comes in transparent solutions with a varying color, pale yellow to yellow / brown / amber, like tea; the coloring is given by the concentration of silver and the size of the suspended particles. This is because the tiny particles present in the suspension reflect external light and thus give liquid amber color.

In recent years we have used and tested Colloidal Silver in our farms on different species of birds and thanks to the well-being results obtained we have created water of Silver H24 at 40 ppm. PPM is the abbreviation for Parts Per Million and is a unit of measure that indicates a ratio of homogeneous measured quantities of one million to one.

In simpler words we can say that in a suspension of Colloidal Silver at 40 ppm the concentration of silver particles is equal to 40 milligrams in a total liter of double distilled water.

The H24 Silver water was made with the quality of the ingredients and purity necessary to ensure maximum efficacy and safety for the health of our birds.

Indications The colloidal particles gradually spread throughout the body ensuring a prolonged therapeutic action over time.

Colloidal Silver does not replace a visit to the veterinarian; if after a few days of administration no improvement is found, it is necessary to contact him.

There are no contraindications to the use of pure colloidal silver in farms. The product is absolutely not harmful or toxic to birds.

#### BlueGen: a powerful ally in drinking water

In addition to Colloidal Silver, a powerful ally for bird health is undoubtedly the innovative BlueGen, which keeps drinking water and bath water clean and hygienic. It is a safe product and has been specially designed to delay the growth of yeasts, fungi and bacteria in water.

In fact, the water itself can be dangerous as it is a perfect vehicle for spreading germs and infecting birds. Wherever it comes from, whether from the city network or from a bottle, it is bound to change even if it is renewed. As soon as the birds immerse their beak in it, they immediately contaminate it. Moreover, the birds then bathe in it, deposit food or defecate in it.

All this adds other elements of contamination. Adding nutritional ingredients to the water makes things worse because germs are fed even more, especially when it comes to sugars or derivatives.

Fortunately, there is a safe and simple solution like BlueGen, which prevents germs from multiplying, thus keeping the water pure and crystalline. Furthermore, it is destroyed as soon as it enters the intestines of birds, so it does not damage beneficial bacteria and does not accumulate in the body

**Mix Energy Green:** a perfect mix of vegetables always available

Dried vegetables are a perfect energy boost for all birds, having similar properties and characteristics to those of fresh vegetables, and are available at any time, even when it is more difficult to find fresh vegetables, such as in the winter months.

They are a real concentrate of nutritional substances, such as proteins, starches, vegetable fats, mineral salts and vitamins, and have a long shelf life.

With its 20 ingredients, Mix Energy Green is a very rich mix of vegetables, algae and aromatic plants always available, which can be mixed with soft foods or seeds, soaked or germinated. Being very concentrated it will take very little to cover the daily needs.

The reduction in volume of dried vegetables, in fact, is one of its most evident advantages thanks to the immediate energy and caloric well-being it brings.

So let's see specifically the ingredients that compose it: Diced carrot, sliced garlic, diced celery, sliced onion, fennel seeds, broccoli, nettle, tomato, peas, rosemary, dandelion, thyme, coriander, fucus, spinach, grass Medicine, Absinthe, Gymnema, Malva flowers and leaves, Ulmaria.

**Spice Mixture:** the power of spices

Spices have numerous properties, derived from vitamin concentration and mineral salts present inside them. They are a real panacea and are wonderful natural remedies for the cure of common ailments. Some spices, more than others, have particular beneficial properties and can strengthen the immune system.

This is why it is very important to integrate them into the diet of our animals: they are really valuable allies for health protection and disease prevention, in addition to the fact that they also possess particular digestive properties. By inducing an increase in the secretion of bile acids in the liver, they favor, in fact, the digestion and absorption of fats and stimulate the activity of a series of enzymes such as pancreatic lipase, amylase and some proteases.

A soft food enriched with spices is, therefore, ideal: digestion thus becomes more rapid and the transit time of food in the gastrointestinal tract is reduced.

The blend that I have created includes many spices, which are characterized by their anti-inflammatory and pain-relieving properties as well as for their peculiarities to improve the digestion, fight the most common infections and detoxify the liver.

Here are the spices present in this unique blend: Garlic powder, Turmeric powder, Cinnamon powder, Cloves powder, Coriander powder, Juniper in powder, oregano, nettle powder, sweet paprika, black pepper powder, chilli in powder, Rosemary, Dandelion, Thyme powder, Ginger powder, Absinthe. Cinnamon, Turmeric, Cloves, Ginger, Oregano, Rosemary and Thyme, for for example, they are characterized, among other things, by their anti-inflammatory properties.

Spices such as black pepper, chilli and coriander, on the other hand, are also distinguished by their detoxifying properties. Complete the picture, very rich, Garlic, known for its pain-relieving properties, Juniper, Nettle, Sweet Paprika, Dandelion and Absinthe.

The importance of choosing the right complementary foods.

It is therefore very important to integrate all the foods needed into the diet of our animals, with complementary feeds suited to their needs which, above all, do not contain ingredients that are harmful to them.

The ideal complementary feeds, in fact, do not contain sugars and are made with selected ingredients. They must contain clinoptilolite (zeolite), in granular or less, which has a detoxifying action on the intestine and promotes the elimination of harmful substances present in the body.

Combined with soft foods, they ensure a truly complete diet capable of ensuring the full well-being of birds in captivity, in everyday life and in the most important and delicate phases of their life.

**Select complex:** all the integration that is needed in a single complementary feed. From an in-depth study and constant tests, Select Complex was born, a feed complement with an even richer new formulation, to offer to your animals only the best in terms of nutrition.

Vitamins, amino acids, trace elements, zeolite and calcium - these are just some of the ingredients contained within that contribute to the well-being of the animal and correct development of its organism.

The different types of calcium contained within it also avoid retention of the egg and allow to increase both the survival rate of the embryos and the vitality of nestlings. The active presence of the vitamin complex instead allows to fill any deficiencies and to resolve nerve or growth disorders.

Specifically designed to keep the intestinal microbiota healthy and strengthen the immune system of birds, this complementary feed can be used in the daily feeding of animals.

The addition of extruded linen, which guarantees a complete cleansing of the intestine, ensures then a regulatory action on gastrointestinal transit, in addition to bringing the ration, thanks to a high amount of alpha linoleic acid, at a favorable ratio of omega-3 to the detriment of omega-6s.

Rich in vitamin E and vitamin K, moreover, Select Complex is very suitable for the period of reproduction as it promotes cell metabolism and improves defenses immune systems of the body.

In conclusion, I can tell you that it is certainly not easy to keep the species that we breed healthy. Add to this too much marketing and little research and preparation on their health, which certainly does not help.

Birds in general are very delicate and sensitive animals, even to the slightest movements. Often their well-being is really attached to a thread and we realize this when we buy a subject and bring it to a new environment.

Hoping that everything goes smoothly, it takes a long time to set the new subjects and successfully bring them to breeding. Then there are certainly more sensitive species than others and their state of health depends a lot on living in a well-kept environment and on healthy and adequate nutrition.

I have spent my life dedicating myself to this hobby and have always tried to create, experimenting with products that allowed birds to live healthier and longer.

This study of mine was born with the intention of sharing what I have learned over the years to help many breeders like me in the most difficult moments and especially to sensitize them to feed their birds the right foods.

Because the wellbeing of our animals starts here: from a healthy diet and balanced, really designed for the well-being of these beings of a few grams.



H24 is “the cure” that comes from passion

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