

Products for bird care



Jean-Louis Jorissen
Industrial pharmacist/pioneer

**Resistance
Selection -
Method**



COMED

Cure Oil Bird is now Curol Bird



250 ml - 1 L

**A better and safer package in an
aluminium bottle**





ANTIBIOTIC FREE

with

Curol Bird



Comed has been warning about this for 30 years !



When I started working in the early 1970s there was still a large choice of recently developed effective and safe antibiotics (penicillin had already been discovered, right before WWII). Antibiotics became very popular and their use grew to spectacular proportions.

However, by massively using these antibiotics whether they were relevant or not, germs grew more and more resistant. At the same time, some 30 years ago, no new antibiotics were discovered for reasons which cannot be explained.

When research is done to find new molecules, you also need some luck. As we know, penicillin was discovered completely by chance when Fleming carelessly threw away a sample and saw that after a few days a mould was dissolving a bacterial culture.

Had our luck run out in the mid-seventies? Have we used all the points of action on which bacteria can be dealt with?

Since the chinolones (Baytril), no new antibiotics have been taken to the market in 30 years, despite the enormous budgets and massive university research.



Now we have entered a new era: microorganisms have caught up on us. Man and animal aren't safe anymore. After MRSA (hospital bacteria) we now see ESBL-producing germs (also called the super bacteria). The latter are capable of disintegrating our most commonly used antibiotics. They can break open the beta-lactam compound within the active ingredient amoxicillin, so it is not active anymore.

The problem of resistance is often caused by the fact that antibiotic cures are not finished. The patient is feeling better, but the bacteria hasn't disappeared from their body yet. The remaining bacteria are those that could resist penicillin best and could find a way to survive. When the cure is finished, these bacteria will multiply abundantly, and their progeny will be harder to fight. Eventually, this will result in strains that are completely resistant. In humans, a resistant TB has been able to develop amongst homeless people, who have trouble finding or finishing a medicinal cure. That is why in some countries TB patients with resistant bacteria are forced to be taken to hospital in order to prevent a further spread and resistance against even the strongest products.

What have we been doing with the animals?

In animal breeding, and poultry breeding in particular, they quickly noticed the growth-promoting properties of antibiotics when administered to young breeding animals on a permanent basis. That way the habit arose of using antibiotics as a standard fattening system in stock breeding. Indeed, due to the large concentration of animals on a limited surface – because of economic advantages – there is an increase in stress and infection pressure.



Infections spread rapidly, they inhibit the growth and the turnover.

Fertility problems were also noticed, often caused by dormant infections as a result of intensive stock breeding.

That is why preventive antibiotic therapies were introduced as a standard in the breeding schemes.

The smaller the animals, the larger their numbers in a stock of cattle.

There are no individual treatments because they are not relevant or just too expensive.

That way it became evident that chicken farms applied a massive treatment and blind antibiotic cures became standard.

So the same medicines that were used for humans were administered to large-scale chicken farms (as well as to calves, pigs, etc.) in huge quantities.

Especially in those countries where chicken used to be popular, such as South East Asia.

This protein can easily be produced, it tastes good and there are a lot of ways to prepare it, so it is interesting on a culinary level.

Due to the population explosion of the last decades, there has been a huge demand of proteins and protein meat, so there has always been a need for effective production techniques.

The ethical problem of the resistance that was caused by this phenomenon was pushed into the background.

Just like people getting a troubled conscience when burning fossil fuels, without urgent proper measures being taken.



The flight forward

The abuse has to end NOW.

The advice Comed gives you is as follows: no more breeding with or tuned to antibiotics.

Resistance selection is a one-way street.

Only a drastic decrease of the excessive use of antibiotics can end the increasing resistance.

It is a task, both for doctors as for the user, to safeguard the future of our modern medicine.

Since the winter of 1999-2000 there has been a yearly sensitization campaign through TV and radio commercials, with information brochures for a better and more rational use of antibiotics.

In 6 years' time, this has led to a decrease of 32 % in the consumption of antibiotics, and it put a stop to the increasing resistance in pneumococcus (the bacteria responsible for most of the pneumonia).

A reversal is possible but the useless consumption of antibiotics should keep on diminishing, and everyone can contribute to this.

Save the current antibiotics, one day they can save your life ... and your grandchildren's lives!



Abuses in animal breeding are the basis of this problem and they might be the biggest cause of the fact that we are not able to help an increasing number of people anymore.

Bacteria that infect animals can infect humans as well. They are also able to pass on their adaptive or resistance characteristics to one another.

Everyone senses that this is irresponsible and that we cannot go on like this anymore, but there are important economic arguments.

The animal sports world as well quickly appreciated the properties of antibiotics.

“ Die Rote Suppe” ,a mixture of several antibiotics, including Erythromycin from Abott, that – due to its red colouring agent - made the solution turn grenadine red, was and still is the example of such a popular mixture in pigeon-racing.

In the Netherlands, they were looking for “something strong” and it didn’t really matter what it was ...

Three-in-one, four-in-one, five-in-one mixtures were examples of a perverted habit.

Back then, Comed started warning for this in its lectures and brochures ...



Our vision at Comed is based on sheer facts and it delivers an urgent message:

- Quit the negative past by ending the preventive use of antibiotics and by building a positive future with Curol Bird.
- Sport is to be practised with healthy animals ... not with unhealthy animals.
This is only logical...

We removed the animal from its biotope (natural environment).

Sports that are practised cannot make the animals ill without leaving them any chance.

Of course the animals' health is influenced by getting them out of their biotope (cock fights and bull fights are extreme examples, but we can also mention the colouring of birds, the liberation of pigeons in bad weather, ...)



By messing with the animals' way of life, man has caused all kinds of animal health problems.

Comed has been specifically focusing on dealing with these problems for 30 years.

The solution provided by "Comed Science" is a combination of philosophy and treatment (not a systematic antibiotic treatment for infections caused by the sport itself):

the resistance-selection-method by Comed.

Without antibiotics, with **Curol Bird**, which leads to a better result.

Do we want to be the generation of forefathers with a questionable reputation, who discovered antibiotics just to waste them in one generation by applying them without any use or sense?

The government just has been standing there and watching.

Or.. will we be the generation that turned the tide, that was responsible enough as to put our children's health first?

There is no other option now..

No nostalgic herbal popular medicine ... which often leads to dangerous quackery.No simplistic bio-approach, the effect has to be sufficient.So what do we use?

High-technological orthomolecular nutrition and scientifically approached aromatherapy.



We leave behind the animals which cannot survive with this.

“The survival of the fittest” , following in Charles Darwin’s footsteps.

We do have to select the animals, because for practical reasons we cannot keep all of them when we are breeding sports and hobby animals.

“The survival of the fittest” Comed-user.

Comed is a laboratory which is always searching. All formulas are constantly being refined without a lot of publicity.

Willem Debruijn was the early decider. As a medical person (dentist) he had been struggling for years with the irrational use of antibiotics. A few years ago, he quit the “crazy treatment schemes” as he would call them, and he replaced the antibiotics with Curol, an aromatics complex. Year after year this has led to astonishing results.

Comed is the minimum non-medicinal support you should provide an animal with, if you take it out of its biotope and thus burden it with possible health consequences.



The end of therapeutic obstinacy is near.

Often doubtful treatments were applied, antibiotic cocktails which made you wonder how these poor animals could even perform, despite almost being intoxicated by antibiotics ...

Disturbance in the world of pigeon racing.

Follow the resistance-selection-method from Comed or drop hopelessly behind ...!!!

Jean-Louis Jorissen
Industrial pharmacist



New name & new package

same Comed quality !

Cure Oil
Bird



Curol
Bird



Breeding Oil
Bird



Fertol
Bird



Stress-Oil
Bird



Stressol
Bird



Moulting Oil
Bird



Murol
Bird



Complete basis for birds

Curol *Bird* + **Winmix** *Bird*



The complete insurance for your birds.

The Comed system provides a daily administering of oil on the food. Oil is the basis of food for birds.

Curol Bird + Winmix Bird is the simplest combination which can be administered all year long in a program with no or few medicines.

Curol Bird is a concentrated aromatic health oil and is a perfect supplement to Winmix Bird. If you like to keep it simple, it is very practical: 1 coffee spoon (5 ml) of Curol Bird and 1 coffee spoon (2 g) of Winmix Bird per 250 g of food, preferably on a daily basis, but at least 3 times a week.

For a more professional approach: see schemes



BASIC CARE

Winmix Bird multivitamin - complete supplement – metabolism



250 g - 900 g

Winmix Bird contains all the necessary vitamins and trace elements for an active and harmonious life. It holds essential amino acids, minerals, electrolytes and an acid buffering stimulating the intestinal flora. It also contains proteins for a solid muscular system which are indispensable during the breeding period. Other elements are vegetable fibres for a balanced digestion and vegetable extracts that have a wholesome effect on the bird's health. Each element of Winmix Bird is perfectly dosed to guarantee a balanced and coordinated action. Moreover, we have taken a highly absorbable form so each dose of Winmix Bird reaches its goal and has 100 % effect. With Winmix Bird, your birds are even more strong and beautiful! You will see a difference after only a few days.

Use: 1 level coffee spoon (2 g) per 250 g of food. It can be given daily, all year long.
In difficult periods (moulting, breeding, stress,...): give 1 filled coffee spoon (5 g) per 250 g of food (see scheme and previous page).



BASIC CARE - continued

Curol Bird health oil



250 ml - 1 L - 5 L

Curol Bird is a composed health oil which supports the immune system, especially for birds, with active aromatics. It is indispensable as a preparation for the breeding and ideal in case of STRESS caused by social disturbances (breeding, shows, ...).

Use: 1 cure of 14 days before the coupling and before the beginning of the shows.
During other periods: 3 times a week.

Dose: 1 coffee spoon (5 ml) per 250 g of food.

Megabactin Bird intestinal balance



50 g - 250 g - 900 g

Megabactin Bird preserves the intestinal balance of the bird. It regulates the intestinal transit. It gives natural consistency to excreta. It guarantees an optimal pH-value during the digestion. It covers the intestinal mucosa with a protective film. It contains prebiotics (stimulates a good intestinal flora).

Never in the drinking-water

Use: - During the breeding period, the moulting and in case of stress: administer 1 filled coffeespoon (5 g) over 250 g of egg food or food 3 days per week in combination with Fertol Bird, Murol Bird or Stressol Bird and Winmix Bird (according to the period).

- During the resting period: 1 level coffee spoon (2 g) over 250 g of egg food or food 1 day per week.



BASIC CARE - continued

Comin-Cholin Bird B-complex

stress - metabolism - feathers



250 ml - 500 ml - 5 L

Comin-Cholin Bird B-complex is a solution of methionine and choline, essential amino acids, electrolytes, vitamins and sorbitol. It strengthens and supports the bird's metabolism in every stress situation.

- Particularly recommended with high protein diets.
- Advisable in case of transport and shows, and as a purification before the breeding period.
- It has a positive influence on the feather quality.
- We recommend to give Comin-Cholin Bird B-complex to birds which receive colouring agents in order to limit the possible negative effects of these colouring agents on the birds' health.

Use: 1 coffee spoon (5 ml) in 0,5 litre of drinking-water.

To be changed every day.

Transcutine Bird leg gel



60 ml

Transcutine Bird is put on the bird's legs. Thanks to the powerful action of the ingredients, the bird is in excellent shape and it amply produces feather dust.

Use: at least twice a week, especially during times of shows.



BASIC CARE - continued

Megabactol Bird basic energy - reserve



250 ml - 500 ml - 5 L

Megabactol Bird contains essential natural oils with stimulating and blood-purifying properties. Garlic oil for its cleansing action. Cod-liver oil, source of vit. A for good eyes and a good skin, and of vit. D, which contributes to the calcium formation for a strong skeleton. Lecithin, one of the nutrients which are important for the formation of the nerve fibres. It also contains phosphor which is easily absorbed by the body. Wheat germ oil with a high content of vitamin E, for a good fertility. Contains also Sunflower oil. The balanced combination of sunflower and wheat germ oil provides for the necessary fatty acids, which are necessary for a balanced development of the muscles. With Megabactol Bird, the bird feels confident. The product contains a balanced proportion of Omega 3 - 6 - 9.

Use:

- after the breeding period till the moulting period: 1 coffeespoon (5 ml) of Megabactol Bird per 250 g of egg food or food, 3 times a week.
- during the resting period: 1 coffeespoon (5 ml) of Megabactol Bird per 250 g of egg food or food, once a week.



BASIC CARE - continued

Cometaves Bird shape - dominance



70 g - 300 g - 1 Kg

Cometaves Bird is a special product containing all the elements to bring exotic birds and culture birds in optimal shape and to keep them that way. Cometaves Bird contains 32 elements: vitamins, trace elements, soy proteins and vegetable extracts. All the elements are very well absorbed by the intestines. The birds are active and their feathers are shiny and colourful. In songbirds, the desire to sing will increase because of their enhanced dominance.

Use: : mix 1 filled coffee spoon (5 g) of Cometaves Bird with 250 g of food. Administer before, during and after the breeding, and in case of stress (see scheme).

Lysocur Forte Bird respiratory tracts



250 ml - 500 ml - 1 L

Important: for a maximum result, use at the same time also Lysocur loftspray Bird.

Lysocur Forte Bird is a health cure with a base of vegetable extracts, which increases the resistance of the organism of the bird. It liquefies the mucus (sticky eyes) and keeps the membranes clean.

Use: Administer every two days.

In case of problems: administer daily, during at least 7 days

Dose: 1 coffee spoon (5 ml) per 0,5 litre of drinking-water or per 250 g of food.

It can also be sprayed: 30 ml per litre of mineral water.



BASIC CARE - continued

Lysocur loftspray Bird air - loft - respiratory tracts



400 ml

Important: for a maximum result, use at the same time also **Lysocur Forte Bird**.

Lysocur loftspray Bird is a refreshing and purifying spray, a regular use provides a healthy air in the loft. It creates a sound climate both for the birds and the fancier. It is an ideal environment spray since it neutralizes the floating dust particles. The spray is harmless for The bird and has a beneficent effect on the eyes and the respiratory tracts. The spray penetrates deeply into the air sacs. Lysocur loftspray Bird is beneficial for the plumage.

Use: spray in the direction of the birds. Never aim directly at the eyes.

Always spray at a distance of at last 50 cm from the bird.

Tonivit Bird extra ADC vitamins



250 ml

In periods of **less light** and **darkening**, you need to administer Tonivit Bird 2 x per week. It contains ADC vitamins. AD vitamins are important for the bones formation, and vitamin C is important for the youngsters' resistance.

Use: 1 coffee spoon (5 ml) per 0,5 litre of drinking-water or per 250 g of food, 2 x per week.



BASIC CARE - continued

Egglight Bird easily digestible proteins



150 g - 600 g

Egglight Bird is a preparation with 100 % absorbable and highly digestible proteins. It contains a sufficient and balanced amount of essential amino acids. Egglight Bird can partially replace the eggs from the egg food. Thanks to Egglight Bird, it is possible to keep the amount of proteins on the same level, while the number of lipids (present in the yolk), is reduced. That way Egglight Bird prevents an overburdening of the digestive system.

Use: 5 g (= 1 filled coffee spoon) of Egglight Bird delivers the same amount of proteins as a egg weighing 50 g.

Except during the breeding period, since the bird has less need for fats then, 30 % to 50 % of the eggs in the egg food can be replaced with Egglight Bird.

Exception: growing youngsters have a high need for proteins, therefore don't replace the eggs in this period but add 5 g of Egglight Bird to 250 g of egg food.

Never in the drinking-water !



BASIC CARE - continued

Stressol Bird rest – stress



250 ml

Stressol Bird is adapted to the specific need of the bird in captivity. It is a product based on very carefully selected oils, which is suitable to meet the negative effects and the stress of shows and life in captivity. The bird wants to defend its territory, which makes it excited. Stressol Bird will calm the bird down.

Use: 1 coffee spoon (5 ml) per 250 g of food, at least 3 times a week.

Bath Salt Bird feather care



750 g

Bath Salt Bird is the ideal care product to give your birds healthy and very soft feathers. It is very suitable for brightly coloured birds and for white birds. It is particularly used before shows.

Use: 1 filled soup-spoon (30 g) per 10 litres of bath water, 1 - 2 times a week (till 2 days before a show). If you wash the birds, you can dissolve the Bath Salt Bird in the rinsing water (2 days before the show). You can also spray it by dissolving Bath Salt Bird in tepid water (1 tea spoon per litre of water) the day before the show (spray it lightly).

Throw away the bath water at the end of the day.



BASIC CARE - continued

Avicur Bird resistance



150 ml

Avicur Bird is a health cure with a base of vegetable extracts, which preserves the balance of the bird's resistance system. It is indispensable to bring the birds in shape at the beginning of a show and in case of bad shape.

Use:

Before a show:

1 cure of 10 days.

During a show: 2 days a week, in alternation with Stressol Bird.

When the bird loses its shape and during recovery period:

1 cure of 7 days.

Dose: 1 coffee spoon (5 ml) per 250 g of food or per 0,5 litre of drinking-water.

It can also be sprayed: 30 ml per litre of mineral water.



Foto Guido Kempeneers



BREEDING PERIOD

Fertibol Bird egg - bones



150 ml - 500 ml - 5 L

Fertibol Bird is a suspension with calcium, phosphor and extra vitamins A, D and E. It is necessary for eggs with perfect structure. For a solid constitution and a balanced growth of the bones of young birds.

Use: 1 coffee spoon (5 ml) per 250 g of food. Starting 2 weeks before the breeding and continue until the weaning period of the youngsters (see scheme).

Never in the drinking-water !

Fertol Bird parents



250 ml - 1 L

Fertol Bird replaces the Megabactol Bird during the breeding period. The oil is adapted to the specific needs of the breeders during this period.

Use: 1 coffee spoon (5 ml) per 250 g of food, at least 3 times a week.



BREEDING PERIOD - continued

Roni Bird healthy mucous membranes



100 g - 275 g

Roni was developed to keep the mucous membranes of the beak, the throat and the digestive system healthy, among others things by applying a mucous carpet of special carbohydrates.

This combination stimulates the immune system and guarantees a swift digestion. The composition nourishes a good intestinal flora whereas the disruptive germs will be harmed (starved).

It is a hyperactive intestinal conditioner and it reinforces the effect of Megabactin Bird.

Use:

- In case of problems, whenever a change in the feeding pattern occurs or to normalise the digestive function: a cure of 5 days.
- For optimal breeding: daily administration for 14 days before coupling and 14 days in the diet of the young birds at weaning for maximum development of the immune system.

Dose: 1 filled coffee spoon (5 g) per 1 litre of drinking-water or per 500 g of food.
(solution is slightly trouble)
Store in dry condition.



MOULTING

Murium Bird metabolism – feathers



70 g - 300 g - 1 Kg

Preparation for the moult of exotic birds, culture birds and aviary birds. It promotes the growth of the plumage through a supply of vitamins and specific nutrients. It prevents a troublesome moult, it facilitates the digestion and it increases the absorption of the substances which the feathers are made of.

Use: give Murium Bird each day of the moulting period.

To mix the products easily under the food, moisten the food with Muroil Bird.

Dose: 1 filled coffee spoon (5 g) per 250 g of food.

Never in the drinking-water !

Muroil Bird feathers



250 ml - 1 L

Supplement containing aromatics to support the specific metabolism during the moulting process. To be combined with Murium Bird.

Use: 1 coffee spoon (5 ml) per 250 g of food, every day during the complete moulting period. To give the birds shiny feathers, Muroil Bird can be administered all year long.



ESPECIALLY FOR FINCH FANCIERS

Suskewiet singing powder



70 g - 300 g

Suskewiet powder is a special product containing all the elements a finch needs to get and obtain an optimal shape. The birds are active and **their lust for singing is strongly increased !**

Use: mix 1 filled coffee spoon (5 g) of Suskewiet under 250 g of food, during 4 days before the singing contest.



RAW MATERIALS RANGE

Vitamins E & Vitamins A

Due to the recent and very strict European rules, additives as Vitamin E and Vitamin A can no more be sold as pure material, they have to be "diluted". Therefore Comed offers Vitamin E % as a food supplement for those fanciers who's birds need extra quantities of this vitamin , as well as the Vitamin A 10.000 U/g.



250 g

Use only in cause of a deficiency of vitamin E.

Dose: 5 g (1 coffee spoon) per kg food.

Composition: glucose, lactose
additives:

vitamins and provitamins per kg:

Vitamin E (3a700) 50,000 mg

Guarantees: crude protein 0%, crude fat 5%,
crude fiber 0%, crude ash 0%, sodium 0%,
methionine 0%, lysine 0%.



100 g

Use only in cause of a deficiency of vitamin A.

Dose: 5 g (1 coffee spoon) per kg food.

Composition: glucose, lactose
additives:

vitamins and provitamins per kg:

Vitamin A (E672) 10.000.000 IE

Guarantees: crude protein 0%, crude fat 0%,
crude fiber 0%, crude ash 0%, sodium 0%,
methionine 0%, lysine 0%.



RAW MATERIALS RANGE

Wheat germ oil enriched with Vit.E



250 ml - 1 L

- Use:**
- during the breeding period: 2 weeks before coupling, daily until the laying performance.
 - rest of the year: 2 to 3 days for each period of stress.

Dose: 15 ml (1 tablespoon) per kg food.

Feed material for animals.

Wheat Germ Oil

Additive: vitamins and pro vitamins per liter:
vitamin E (3a700) 2000 mg.

Guarantees: crude fat 100%.

Garlic oil



1 L

- Use:**
- winter, breeding and racing season: 1 day / week.
 - preparing racing season: 1 week.
 - moulting season: 2 days / week.

Dose: 5 ml (1 coffee spoon) per kg food.

Keep cool and dry.

Feed material for animals.

Flavored soy oil.

Additive: garlic extract.

Guarantees: crude fat 100%.



PRODUCTS TO BE USED FOR SPECIFIC PROBLEMS:

Respiratory tracts:

Lysocur Forte Bird
Lysocur loftspray Bird

Stress:

Megabactin Bird
Stressol Bird
Comin-Cholin Bird B-complex
Curol Bird (14 dagen vóór de stressperiode)

Expositions:

Avicur Bird
Bath Salt Bird
Stressol Bird
Transcutine Bird

Weakening - illness:

Avicur Bird
Lysocur Forte Bird
Curol Bird

mucous membranes:

Roni Bird

For the use of these products, see this brochure.



DOSAGES:

Powders

1 level coffee spoon:	2 g
1 filled coffee spoon:	5 g
1 level soup-spoon:	10 g
1 filled soup-spoon:	15 g

Note: a crystalline powder (Bath Salt Bird) has a high specific gravity. For this kind of powder, the weight per soup-spoon is higher (25 à 30 g).

Liquids

1 tea spoon:	3 ml
1 coffee spoon:	5 ml
1 soup-spoon:	15 ml

KEEPING THE FOOD:

Food (only seeds) which has been prepared in advance with the Comed supplements, can be kept in a closed plastic box in the fridge for several weeks.

IMPORTANT:

All Comed food supplements are manufactured "without colouring agents".

USE / DOSE:

The use or the dosage always deals with the quantity of a Comed product (e.g. 5 ml) to be mixed under the total amount of feed (e.g. 250 g). The ration can consist of seeds, paste or insects. . . All of the Comed products can be administered in a part of the ration or in the complete ration, so in the seeds or in the egg food, unless mentioned otherwise.



Breeding of large birds:



In order to breed larger birds, high proteins diets are usually prescribed. These diets easily burden the metabolism, which often causes a high ammonia secretion and an increase of the intestinal pH value. This allows the number of germs to grow. Comin-Cholin Bird B-complex is the appropriate product to support this sensitive metabolism.

Special treatment for the skin



30 ml

Cutiplex Bird is a special skin preparation to dab (suddenly appearing) scales of skin or crusts. After a few days they will fall off naturally.

Use: apply 1 drop on the skin, 1 - 2 times.

Info:

- For all your questions regarding medication and nutrition, you can contact our medical team at +32 (0)475 90 91 75.
- For a list of our distributors, call us at +32 (0)89 51 01 35, or visit our website www.comed.be

NEW! Recently, when you go on the Comed site you can use a forum to exchange experiences. You can find the forum on the homepage www.comed.be



TIPS

- ✓ **Curoil Bird + Winmix Bird** is the simplest combination, which can be used all year long in a program with few medication.
- ✓ In periods of less light, you have to give **Tonivit Bird** 2 x per week. It contains ADC vitamins. These vitamins are important for the bone formation and for the young birds' resistance.
- ✓ **Megabactol Bird** can be alternated with the more specific oils, namely **Fertol Bird, Murol Bird** and **Stressol Bird**, especially suited for the different periods (breeding, moulting, stress).
- ✓ During the weaning week, you give 5 days **Roni Bird**. This intestinal conditioner contains allicine with food disinfecting characteristics .
- ✓ As a protection in stress situations (transportations, shows, ...), and as a purification before the breeding, **Comin-Cholin Bird B-complex** is a very important product.
- ✓ For songbirds, **Cometaves Bird** is given to increase the dominance which makes the bird sing more. Finch-fanciers give **Suskewiet** powder.
- ✓ When using an oil, do not moisten the food with water. This prevents that the food will go bad too quickly (oil and water reject each other and are therefore hard to use together or to mix).
- ✓ **Bath Salt Bird** guarantes ultrasoft feathers, it is especially to be used before a show.
- ✓ **Egglight Birds** contains easily digestible proteins to prevent an overburdening of the digestive system.
- ✓ **Winmix Bird** and **Megabactin Bird** contain specific elements which support the immune system. That is why we recommend to administer at laest one of them on a daily basis. When you give both products, it is not recommended to double the dose!



Winmix Bird support the organism's natural resistance.

The bird's resistance arises from numerous functions working together.

During the hatching, the bird receives this natural resistance from the mother (from the egg, you could say). This resistance slowly fades away, and the organism's own resistance is developed during the first weeks after the hatching.

During the weaning, when these processes are not fluently melting into one another, we run the risk of an "resistance gap."

Winmix Bird guarantees this resistance at all times.

The negative stress, caused by weaning, living in group, unhygienic circumstances, transportation, ... can threaten the natural resistance system.

Winmix Bird supports the organism's natural resistance.

Comed products provide an ideal way to control the dreaded resistance gap for young birds.



PREBIOTICA

"A **probiotic** is a living microbiological food supplement that possibly favours the host's health, by improving the intestine's microbial balance."

The official scientific definition is a bit more specific: "a probiotic is a preparation or a product which contains living, well-defined microorganisms in sufficient numbers, and which alters the microflora in a certain organ of the host, that way favouring the host's health."

In both cases some things are clear:

- It concerns well-defined living microorganisms (usually bacteria).
- The effect on the health is clearly defined and documented.
- A probiotic doesn't necessarily have to be active in the intestine, it can also work in the beak for instance.

Prebiotics are **non-digestible food ingredients**, which selectively stimulate the growth and / or the activity of one or more kinds of bacteria in the large intestine, and that way improve the host's health. Most prebiotics are carbohydrates, but the definition does not rule out the fact that other substances can be used as prebiotics as well. In theory, even an antibiotic, which fights against a number of harmful kinds of bacteria and as a result would favour harmless bacteria, can act like a prebiotic.

Winmix Bird and **Megabactin Bird** contain prebiotics.



SCHEMES FOR BASIC CARE

Two weeks before the breeding

Food+	Mo	Tu	We	Thu	Fr	Sa	Su
	Fertibol Bird Curol Bird Winmix Bird	Fertibol Bird Curol Bird Cometaves Bird	Fertibol Bird Curol Bird Winmix Bird	Fertibol Bird Curol Bird Winmix Bird Megabactin Bird	Fertibol Bird Curol Bird Winmix Bird	Fertibol Bird Curol Bird Cometaves Bird	Fertibol Bird Curol Bird Winmix Bird

During the breeding

Food +	Mo	Tu	We	Thu	Fr	Sa	Su
	Fertibol Bird Fertol Bird Winmix Bird Megabactin Bird	Fertibol Bird Fertol Bird Cometaves Bird	Fertibol Bird Fertol Bird Winmix Bird	Fertibol Bird Fertol Bird Winmix Bird Megabactin Bird	Fertibol Bird Fertol Bird Winmix Bird	Fertibol Bird Fertol Bird Cometaves Bird	Fertibol Bird Fertol Bird Winmix Bird Megabactin Bird



SCHEMES FOR BASIC CARE

After the breeding until the moulting

	Mo	Tu	We	Thu	Fr	Sa	Su
Food +	Cometaves Bird Megabactin Bird Megabactol Bird	Curol Bird Winmix Bird		Cometaves Bird Megabactin Bird Megabactol Bird		Cometaves Bird Megabactin Bird Megabactol Bird	Curol Bird Winmix Bird

Moulting

	Mo	Tu	We	Thu	Fr	Sa	Su
Food +	Murium Bird MuroI Bird Winmix Bird	Murium Bird MuroI Bird Megabactin Bird	Murium Bird MuroI Bird Winmix Bird	Murium Bird MuroI Bird Megabactin Bird	Murium Bird MuroI Bird	Murium Bird MuroI Bird Winmix Bird	Murium Bird MuroI Bird Megabactin Bird

Resting period

	Mo	Tu	We	Thu	Fr	Sa	Su
Food +	Curol Bird Winmix Bird			Winmix Bird Megabactin Bird Megabactol Bird		Curol Bird Winmix Bird	



Why use Comed?

Comed lab

- Lab with a permanent research team for birds and pigeons
- Contact with every important research centre in the world
- A completely renewed lab according to the newest legislation
- 30 years of experience in ornithology
- A guaranteed high quality
- Products with a strong, noticeable action
- Safe products, without any side-effects
- Products contain no doping
- An own authorization number as a manufacturer according to the European legislation BE 6338



Jean-Louis Jorissen
Industrial pharmacist



Why spray ?



Spraying in the lofts is also good for our health.

The spray beats down the aggressive down-feathers and absorbs their parts of sebaceous matter.

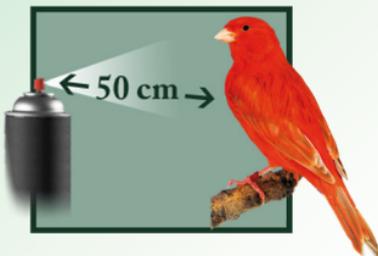
Lysocur loftspray Bird is the ideal product to spray as a preparation to work in the loft (as a prevention against the bird fancier's lung caused by floating parts of sebaceous matter).

When a products is sprayed, it also arrives directly at the right place in the respiratory tracts without having to go through the digestive system first.

That way, Lysocur loftspray Bird ends up in the blood through the lungs and can strongly unfold right away (we avoid the first-pass metabolism, in which part of the effect gets lost because of decomposition in the liver).

Products that can be sprayed:

Lysocur Loftspray Bird, Lysocur Forte Bird and Avicur Bird.



VITAMINS

Vitamins should not be put in the drinking-water!

- they turn the drinking-bowl into a breeding place of bacteria and fungi.
- the constituent content of a watery solution decreases more quickly than the constituent content of a dry form.
- with each 10 degree Celsius rise in temperature the life span of an active constituent is halved.



THE ORIGINAL IS ALWAYS BETTER THAN THE COPY.

Ever since its beginning, more than 30 years ago now, Comed has started using clever supplements and can therefore claim the indisputable visionary leadership concerning a medicine-free approach of keeping pets and hobby animals healthy and increasing their performance.

Wheat-germ and garlic oil, respectively used for fertility and purification, have been known for ages.

But by creating "Megabactol Bird", Comed has also been the first to emphasize the importance of a balanced omega-oils formula for an optimal metabolism, to keep the animals healthy and to improve their performance.

Almost every company has followed this vision and now everybody has a similar composition in their product range ...

The same goes for the intestinal conditioner "**Megabactin Bird**". Each competitor quickly knew that these formulas were far more important for the performances than administering antibiotics. But Comed will never completely reveal its secret.

Fortunately, the new legislation does not oblige us to divulge every detail of our intellectual property. And that way the saying the original is always better than the copy still holds more than ever.



THE ORIGINAL IS ALWAYS BETTER THAN THE COPY. *continued*

Vegetable germ-fighting products have been very important. They can limit or even avoid the use of antibiotics. They contributed a lot to not blindly using and not systematically messing with antibiotics.

As a pharmaceutical manufacturer and wholesaler, Comed has never registered antibiotics as a matter of principle. They are still looking for medicine-free solutions, which means they want to keep animals healthy in a strictly natural manner.



Wout van Gils



FORMULAS

WINMIX BIRD

Supplementary feed for birds.

Composition: soy protein concentrate, glucose, fruit pulp, calcium salt of palm oil, manno-oligosaccharides and beta-glucan, sodium chloride, maltodextrins, potato starch, psyllium husk, potassium chloride, mono-sodium phosphate, magnesium oxide, magnesium chloride.

Additives: Trace elements per kg: iron chelate of amino acids- iron (E1) 2000 mg, zinc chelate of amino acids- zinc (E6) 830 mg, copper chelate of amino acids- copper (E4) 290 mg, cobalt carbonate- cobalt (E3) 28 mg, manganese chelate of amino acids- manganese (E5) 460 mg, calcium iodate-iodine (E2) 70 mg, sodium selenite- selenium (E8) 1,4 mg.

Vitamins and provitamins per kg: vitamin A (E672) 300 000 IU, vitamin D3 (E671) 30 000 IU, vitamin E (3a700) 650 mg, vitamin K3 100 mg, vitamin B1 680 mg, vitamin B2 480 mg, nicotinic acid 1.000 mg, pantothenic acid 1.000 mg, vitamin B6 550 mg, folic acid 33 mg, vitamin B12 1,30 mg, vitamin C (E300) 10,000 mg, biotin 1,30 mg.

Guarantees: crude protein 25%, crude fat 12%, crude fiber 2,8%, ash 8%, sodium 1,5%, lysine 1,2%, methionine 0,3%.

CUROL BIRD

Supplementary feed for birds.

Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil.

Additives:

vitamins and provitamins per l: vitamin A (E672) 285 000, vitamin D3 (E671) 38 000 IE, vitamin E (3a700) 95 mg.

Guarantees: crude protein 0%, crude fat 90%, crude fiber 0%, ash 0%, methionine 0%,

lysine 0%, sodium 0%.

MEGABACTINE BIRD

Supplementary feed for birds.

Composition: pulp, glucose, manno- oligosaccharides and beta- glucans, sodium chloride, maltodextrins, starch, psyllium husk, potassium chloride, monosodium phosphate, magnesium oxide, magnesium chloride.

Additives:

Microorganisms per kg: bacillus subtilis C-302 (EU4b1820) 3.5 x 10¹⁰ CFU.

Guarantees: crude protein 5%, crude fat 1%, crude fiber 7%, ash 11%, methionine 0%, lysine 0%, sodium 3,2%.

COMIN-CHOLIN BIRD B-complex

Supplementary feed for birds.

Compositions: sodium acetate, potassium chloride, calcium chloride dihydrate.

Additives:

vitamins and provitamins per l: vitamin B1 89 mg, vitamin B2 29 mg, nicotinic acid 1.500 mg, pantothenic acid 50 mg, vitamin B6 80 mg, vitamin B12 20 mg, choline 85.000 mg.

Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0,4%, methionine 1%, lysine < 0,01%, sodium 0,04%, water 50%.



FORMULAS

TONIVIT BIRD

Supplementary feed for birds.

Composition: sodium chloride, magnesium chloride.

Additives:

vitamins and provitamins per l: vitamin A (E672) 400 000 IE, vitamin D3 (E671) 200 000 IE,

vitamin E (3a700) 3.000 mg, vitamin K3 750 mg, vitamin B1 1.300 mg, vitamin B2 1.800 mg, nicotinic acid 5000 mg, pantothenic acid 13 000 mg, vitamin B6 820 mg, vitamin B-12 10 mg, ascorbic acid 25 000 mg.

Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0,04%, water 90%.

COMETAVES BIRD

Supplementary feed for birds.

Composition: glucose, soy protein concentrate, calcium phosphate, sodium chloride, potassium chloride, calcium glycerophosphate, magnesium gluconate, magnesium glycerophosphate.

Additives:

Trace elements per kg: iron chelate of amino acids- iron (E1) 14 mg, Zinc Oxide-zinc (E6) 1.7 mg, copper-copper (E4) 2 mg, cobalt- cobalt (E3) 0,7 mg, manganese sulphate- Mn (E5) 1,3 mg, calcium iodate-iodine (E2) 1 mg, sodium selenite- selenium (E8) 0,5 mg.

Vitamins and provitamins per kg: vitamin A (E672) 60 000 IU, vitamin D3 (E671) 10 000 mg IU, vitamin E (3a700) 250 mg, vitamin K3 6 mg, vitamin B1 110 mg, vitamin B2 62 mg, nicotinic acid 250 mg, pantothenic acid 250 mg, vitamin B6 125 mg, folic acid 30 mg, vitamin B12 1,25 mg, vitamin C (E300) 1,250 mg, biotin 3,75 mg, choline 1,075 mg.

Guarantees: crude protein 6%, crude fat 0%, crude fiber 0%, ash 2%, methionine 0,07%, lysine 0,3%, sodium 0,25%.

LYSOCUR FORTE BIRD

Supplementary feed for birds.

Compositions: sodium chloride, magnesium chloride.

Additives: aromatic components.

Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 1%, methionine 0%, lysine 0%, sodium 0,02%, water 25%.

EGGLIGHT BIRD

Supplementary feed for birds.

Compositions: soy protein concentrate, magnesium oxide.

Guarantees: crude protein 95%, crude fat 1%, crude fiber 0%, ash 0%, sodium 0%, lysine 5%, methionine 1%.

MEGABACTOL BIRD

Supplementary feed for birds.

Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil.

Additives:

vitamins and provitamins per l: vitamin A (E672) 300 000, vitamin D3 (E671) 40 000 IE,

vitamin E(3a700) 100 mg.

Guarantees: crude protein 0%, crude fat 98%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0%.



FORMULAS

STRESSOL BIRD

Supplementary feed for birds.

Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil.

Additives:

vitamins and provitamins per l: vitamin A (E672) 295 000, vitamin D3 (E671) 39 000 IE, vitamin E (3a700) 98 mg.

Guarantees: crude protein 0%, crude fat 93%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0%.

FERTIBOL BIRD

Supplementary feed for birds.

Composition: vegetable oils (suflower, wheat germ, garlic), fish oil.

Additives:

vitamins and provitamins per l: vitamin A (E672) 290 000, vitamin D3 (E671) 38 000 IE, vitamin E (3a700) 97 mg.

Guarantees: crude protein 0%, crude fat 91%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0%.

RONI BIRD

Supplementary feed for birds.

Composition: glucose, oligosaccharides, yeast.

Guarantees: crude protein 0%, crude fat 91%, crude fiber 0%, ash 0%, methionina 0%, lysine 0%, sodium 0%.

MUROL BIRD

Supplementary feed for birds.

Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil.

Additives:

vitamins and provitamins per l: vitamin A (E672) 290 000 IE, vitamin D3 (E671) 38 000 IE, vitamin E(3a700) 97 mg.

Guarantees: crude protein 0%, crude fat 97%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0%.

AVICUR BIRD

Supplementary feed for birds.

Composition: sodium chloride, magnesium chloride.

Additives: flavor.

Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 1%, methionine 0%, lysine 0%, sodium 0,02%, water 25%.

FERTOL BIRD

Supplementary feed for birds.

Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil.

Additives: vitamins and provitamins per l: vitamin A (E672) 290 000, vitamin D3 (E671) 38 000 IE, vitamin E (3a700) 97 mg. Guarantees: crude protein 0%, crude fat 91%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0%.

MURIUM BIRD

Supplementary feed for birds.

Compositions: lactose, magnesium glycerophosphate.

Additives:

pro-vitamins and vitamins per liter: vitamin B12 3.3 mg, biotin 333 mg. Guarantees: crude protein 8%, crude fat 0%, crude fiber 0%, ash 0%, natrium 0%,

SUSKEWIET

Supplementary feed for birds.

Composition: glucose, soy protein concentrate, calcium phosphate, sodium chloride, potassium chloride, calciumglycerofosfaat, magnesium gluconate, magnesium

glycerophosphate. Additives: Trace elements per kg: iron chelate of enthusiasm acids - iron (E1) 14 mg, zinc oxide - zinc (E6) 1,7 mg, copper acetate - copper (E4) 2 mg, cobalt carbonate - cobalt (E3) 0,7 mg, manganese sulfate - manganese (E5) 1,3 mg, calcium iodate - iodide (E2) 1 mg, sodium selenite - selenium (E8) 0,5 mg. Vitaminen and provitamins per kg: vitamin A (E672) 60,000 IU, vitamin D3 (E671) 10,000 IU, vitamin E (3a700) 250 mg, vitamin K3 6 mg, vitamin B1 110 mg, vitamin B2 1.062 mg, nicotinic acid, 250 mg, pantothenic acid 250 mg, vitamin B6 125 mg, folic acid 30 mg, vitamin B 12 1,25 mg, vitamin C (E300) 1.250 mg, biotin 3,75 mg, cholin 1.075 mg.

Guarantee: 6% crude protein, crude fat 0%, crude fiber 0%, crude ash 2%, sodium 0,25%, lysine 0,3%, methionine 0,07%



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NOTE:

A series of horizontal dotted lines for writing notes, arranged in a grid that is partially obscured by a large green curved shape on the right side of the page.



NOTE:

Handwriting practice area with 20 horizontal dotted lines.





Foto Francisco Jané Sales



Foto Guido Kempeneers



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