



**dr.**  
**Coutteel**

For the health of your birds!

**FOOD SUPPLEMENTS**  
for birds

## Content

Introduction	page 3
10 steps to a successful breeding	page 4
Notes	page 6
Dosage scheme for supplements	page 7
Amino-Fort	page 8
Electrolytes	page 9
Health-Oil	page 10
Hepato-Chol	page 11
Multivitamin	page 12
Mycosol	page 13
Vigo-Carnitine	page 14
Vit-AZ-min	page 15
Vitamin KADRIE	page 16
Care Products	page 17
Technical data	page 18

## Introduction



Doctor Peter Coutteel graduated from the state university of Ghent in 1983. Already during his early childhood, he had a special interest in birds.

From the beginning of his profession as a veterinarian, Peter has become increasingly committed to this discipline. Participation at congresses all over the world ensured that his expertise is not limited to the most common bird species, but includes a very wide range.

His extensive knowledge and experience already resulted in a number of scientific publications.

Since 2000, he exclusively treats all kinds of birds in the Veterinary Clinic TRIGENIO in Nijlen, Belgium.

By giving lectures, he tries to assist the fanciers to guarantee an optimal experience of their hobby. One of his main goals is to give the breeder guidance and to demonstrate the importance of a positive cooperation between the breeder and the veterinarian.

**Birds who live in captivity, ask the breeder to imitate Mother Nature as best as possible, both in terms of nutrition and housing... and this in all its aspects.**

The philosophy of this product range of food supplements follows that idea.

*Good luck!*



*Dr. Peter Coutteel, DVM  
Veterinary Clinic TRIGENIO  
Dorsel 38 – 2560 Nijlen – Belgium  
info@trigenio.be and www.trigenio.be*

# 10 steps to a successful breeding



## 1. Veterinary check-up, 6 up to 8 weeks before the breeding season

For the check-up, address to a veterinarian specialised in birds.

- Complete physical exam.
- Microscopical examination of faeces and crop swab.
- Evaluation of problems in the previous breeding season.

Only if diseases are diagnosed, specific treatment will be proposed.

## 2. Supplements in the drinking water

As soft food is not much consumed during the preparation, it is essential to administer some supplements through the drinking water (VIGO-CARNITINE, HEPATO-CHOL, VITAMIN KADRIE, see scheme on page 7).

## 3. Possible supplements for the soft food during preparation

Best is to start in time with a small dose of soft food twice a week. So the birds learn to get familiar with it.

## 4. Light sources and light manipulation in the breeding room

Use fluorescent tubes with UV spectrum 5.500K, best with integrated HFballast. Start with 12 h and lengthen daylight every week with 30 minutes. Start breeding when reached 14 to 15 hours daylight and follow the natural lengthening of daylight afterwards.

## 5. Hygiene and disinfection of the breeding room

Before introducing the birds into the breeding cages, clean and disinfect everything thoroughly with an effective means. Only then, the whole environment can be treated with a disinfectant spray against nasty parasites like the bloodsucking mites.

## 6. Preparation of the birds

- Check beak length and cut long nails.
- Use an ointment on the legs for scales (BIRD PEDICURE).
- The long feathered birds are to be trimmed around eyes and cloaca.

## 7. Supplements for the soft food during the breeding season

Most birds consume soft food very well during the period of raising chicks. Fast growing birds like type canaries and heavily feathered birds, request perfect nutrition to cover their high needs. To balance these needs, one can add special supplements on a daily basis (AMINO-FORT and VIT-AZ-MIN, see scheme on page 7).

## 8. Supplements for the drinking water during the breeding season

Important are some breeding vitamins and help to improve metabolism. Dyes should not be given daily but with small breaks: f.e. only during the week-days, and always respecting the right dose.

## 9. Moulting period

After breeding, weaned youngsters of canaries and European finches often need treatment for coccidiosis and/or atoxoplasmosis. Follow the advice of your vet. Housing is to be provided in small groups so that the young birds can exercise their skills. Always avoid overcrowding. Administer supplements via the drinking water and soft food to guarantee optimal support in this important period (see scheme on page 7).

## 10. Resting period

In this period, avoid heavy food.

- Respect the natural shortening of the daylight length.
- Take care of good hygiene in a well-ventilated room.
- Make bath water available on a regular basis.

***Enjoy your hobby, good luck, and I look forward to our future cooperation!***

***Peter***





## Amino-Fort



### Amino acid supplement

**AMINO-FORT** contains 20 amino acids of which the share of Methionine, Choline and Lysine is over 30%.

Each cell needs amino acids in order to be able to compose proteins. Some of these building blocks the body can produce them on its own, others must be obtained through dietary means, which we call “essential amino acids”.

#### Purpose

- To prevent a shortage of essential amino acids.
- To boost growth and muscle development.
- Important nutrient during moulting.
- Indispensable for heavily feathered breeds.
- To replace other protein sources.

#### Administration

- Dosage through feeding.
- Mix 5 to 8 scoops (ca 20 to 30 g) per kg soft food or grain mixture.
- Not soluble in water.
- Can be used on a daily basis during breeding and moulting.

#### Presentation

- Powder in packages of 200 g and 1 kg.
- Including measuring spoon.

## Electrolytes



### Rehydrating formula

This composition contains a unique combination of electrolytes (salts and minerals) and glucose as an energy source. Electrolytes provide a balanced water management in the body.

At times of heavy physical effort, like in competitions, the body loses a lot of fluid and a lot of body salts. This results in a disturbed moisture balance with reduced endurance and poorer performance.

#### Purpose

- To restore moisture balance.
- Support in time of moisture loss.
- Faster recovery after racing or exhibitions.
- Removal of lactic acid from muscles.

#### Administration

- Dosage through drinking water.
- Mix 5 full scoops (30 g) per litre of drinking water.
- Offer when coming home after competitions.
- Keep dry and make sure to close well after use.

#### Presentation

- Powder in packages of 1 kg.
- Including measuring spoon.

## Health-Oil



### Essential natural oils

By providing **HEALTH-OIL**, the resistance is stimulated in a natural way, which can reduce the use of antibiotics.

Oils are a major energy source, which the body can appeal to as a reserve.

### Purpose

- To increase resistance.
- To guarantee stress resistance.
- To create a fuel reserve for muscle activity.
- To stimulate fertilization (wheat germ oil).
- Purifying.

### Administration

- Dosage through feeding.
- Mix 15 ml per kg food, 3 times a week.
- Best to be combined with **MULTIVITAMIN**.

### Presentation

- Fluid in bottles of 250 ml and 500 ml.
- Double neck dispensing bottles with measuring chamber in ml.

## Hepato-Chol



### Supplement to support the metabolism and moulting

**HEPATO-CHOL** contains essential amino acids, vitamins, sorbitol and natural plant extracts.

The liver is an organ where various metabolic processes take place. Here a lot of substances are stored as a reserve, but also a number of wastes are excreted.

### Purpose

- To improve the function of metabolism.
- To help the excretion of waste.
- To prevent a shortage of essential amino acids.
- Important supplement during moulting.
- Very useful for birds that get additional dyes.

### Administration

- Dosage through drinking water.
- Mix 10 ml per litre of drinking water, best twice a week.
- Shake before use. Contains plant extracts that can settle, without affecting the functioning of the product.

### Presentation

- Fluid in bottles of 250 ml and 500 ml.
- Double neck dispensing bottles with measuring chamber in ml.

## Multivitamin



### Composition of necessary vitamins and trace elements

*Vitamins* fulfill vital functions in the body. Most vitamins cannot be produced in the body and must be supplied through the diet. Deficits cause the emerge of various diseases.

It also contains *essential amino acids*, needed for good muscle development.

### Purpose

- To support various organ functions.
- To promote the growth of young animals up to the maximum.
- Optimal supplement to complement self-made soft food.
- To increase resistance during stress periods.
- Extra help during moulting and breeding.

### Administration

- Dosage only through feeding.
- Mix 3 scoops (ca 15 g) per kg food, 2 to 3 times a week.
- Is best combined with **HEALTH-OIL**.

### Presentation

- Powder in packages of 250 g and 900 g.
- Including measuring spoon.

## Mycosol



### Selection of aromatics and essential oils

**MYCOSOL** contains a selection of aromatics and essential oils that have a positive effect on health, including *Oregano vulgaris* and some thyme chemotypes, with a pronounced effect against a lot of problems and body weakness.

### Purpose

- To strengthen health in a natural way.
- To support immunity.
- To keep a natural balance of the intestinal flora.
- To obtain a soothing effect on the airways.
- Support during recovery time.

### Administration

- Dosage through feeding: 10 ml per kg food.
- Dosage through drinking water: 3 to 5 ml per litre of drinking water.

### Presentation

- Fluid in bottles of 250 ml and 500 ml.
- Double neck dispensing bottles with measuring chamber in ml.

*The formula is suitable for long term use because of the presence of propolis and essential oils.*

## Vigo-Carnitine



Composition based on L-carnitine, Magnesium, Choline, Inositol and natural plant extracts

*Carnitine* plays an important role in the energy production of the body. Furthermore, it is also a protective antioxidant and promotes the flow.

The *plant extracts* ensure a better functioning of various organ functions.

### Purpose

- To tackle fattening.
- To strengthen muscles and to promote a healthy appetite.
- To support the metabolism.
- To give more energy and improve overall condition.
- To protect against fatigue and exhaustion due to stress.

### Administration

- Dosage through drinking water: 5 ml (1 cap) per litre.  
During sports: minimum twice a week.
- May be administered daily, if necessary.

### Presentation

- Fluid in bottles of 250 ml and 1 litre.

## Vit-AZ-min



Source of vitamins, amino acids, minerals and extra calcium

**VIT-AZ-MIN** contains abundant seaweed and is supplemented with an additional source of calcium.

Seaweed contains more than 60 minerals and trace elements, each of which has a function to keep the body healthy.

### Purpose

- To promote the growth of young animals.
- To ensure a sturdy bone development.
- To obtain a beautiful colour expression of the feathering.
- To provide the right calcium source for a smooth oviposition and a solid scale.
- For raptors: to prevent calcium deficiency in the diet.

### Administration

- Dosage through feeding: 3 to 4 full scoops (ca 20 g) per kg soft food.
- For raptors: minimum twice a week topdressing over food.
- This product can be administered all year long.

### Presentation

- Powder in packages of 250 g and 1 kg.
- Including measuring spoon.



Combination of the 4 fat-soluble vitamins:  
vitamin A, vitamin D3, vitamin E and vitamin K

In the preparation of the breeding season and in a scarce basic diet of seeds/cereals, there are often shortages of these vitamins resulting in poor breeding results.

### Purpose

- To stimulate fertilization and a good oviposition.
- To compensate an unbalanced diet.
- Essential for mutations that cannot produce their own vitamin A.
- To partially replace the UV deficiency of natural sunlight.
- To ensure good bone formation.
- To maintain a balance in the mucous membranes of the respiratory tract.

### Administration

- Dosage through the drinking water.
- Mix 5 ml (1 cap) per 1 litre drinking water, once or twice a week.

### Presentation

- Fluid in bottles of 250 ml and 1 litre.

### Bird Pedicure

#### Ointment for scales on the legs

##### Purpose

- Removal of excess scales on the legs.
- Especially in older birds.
- Indicated just before coupling.
- Can prevent the ingrowth of rings.

##### Administration

- Rub every two days with a soft massage.

##### Presentation

- Tube liquid ointment of 10 g for external use.

### Bird Shower

#### Shower for the feathers

##### Purpose

- Maintenance of the plumage.
- Gives shine to the feathers.
- Indicated for exhibitions and shows.
- Can be helpful when picking.

##### Administration

- Dissolve 5 ml in 1 litre of water, spray or bath water.  
Best to be used twice a week may be used daily.

##### Presentation

- Fluid in a bottle of 250 ml, for external use as shower or bath.

## Technical data



### Amino-Fort

Nutritional additives for birds and pigeons  
Composition: soy proteins, magnesium oxide.  
Guarantees: crude protein 83%, crude fat 3%, crude fibre 0,1%, crude ash 2,8%, sodium 0,5%, lysine 8%, methionine 22%.

### Electrolytes

Nutritional additives for pigeons  
Composition: glucose, sodium chloride, sodium bicarbonate, potassium chloride.  
Guarantees: crude protein 0%, crude fat 0%, crude fibre 0%, crude ash 25%, sodium 7,5%, lysine 0%, methionine 0%.

### Health-Oil

Nutritional additives for pigeons  
Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil.  
Additives: vitamins and provitamins per litre: vitamin A (3a672b) 285.000 I.U., Vitamin D3 (3a671) 38.000 I.U., Vitamin E (3a700) 95 mg.  
Aromatic substances.  
Guarantees: crude protein 0%, crude fat 94%, crude fibre 0%, crude ash 0,3%, methionine 0%, lysine 0%, sodium 0%.

### Hepato-Chol

Nutritional additives for birds and pigeons  
Composition: sodium acetate, potassium chloride, calcium chloride dihydrate.  
Additives: pro-vitamins and vitamins per litre: vitamin B1 (3a820) 89 mg, vitamin B2 29 mg, niacinamide (3a315) 1.500 mg, D-panthenol (3a842) 50 mg, vitamin B6 (3a831) 80 mg, vitamin B12 20 mg, choline chloride (3a890) 115.000 mg.  
Guarantees: crude protein 6,5%, crude fat 0,2%, crude fibre 0%, crude ash 0,5%, sodium 0,1%, lysine 0%, methionine 1%, humidity 65%.

### Multivitamin

Nutritional additives for pigeons  
Composition: soy protein concentrate, glucose, fruit pulp, calcium salt of palm oil, manno-oligosaccharides and beta-glucan, sodium chloride, maltodextrines, potato starch, psyllium husk, potassium chloride, mono-sodium phosphate, magnesium oxide, magnesium chloride.  
Additives: Trace elements per kg: iron chelate of amino acids - iron (3b106) 2.000 mg, copper chelate of amino acids - copper (E4), manganese chelate of amino acids - manganese (3b504) 460 mg, zinc chelate of amino acids - zinc (3b606) 830 mg, calcium iodate - iodine (3b202) 70 mg, inactive yeast - selenite (3b811) 13 mg.  
Vitamins and provitamins per kg: vitamin A (3a672a) 300.000 I.U., vitamin B1 (3a820) 680 mg, vitamin B2 480 mg, vitamin B6 (3a831) 550 mg, folic acid (3a316) 33 mg, vitamin B12 1,30 mg, vitamin D3 (3a671) 30.000 I.U., vitamin E (3a700) 650 mg, vitamin K3 (3a710) 100 mg, niacinamide (3a315) 1.000 mg, D-calcium pantothenate (3a841) 1.080 mg, vitamin C (3a300) 10.000 mg, biotin (3a880) 6 mg.  
Guarantees: crude protein 25%, crude fat 12%, crude fibre 2,8%, crude ash 8%, sodium 1,5%, lysine 1,2%, methionine 0,3%.

### Mycosol

Nutritional additives for birds and pigeons  
Composition: sodium chloride, magnesium chloride.  
Additives: aromatic substances.  
Guarantees: crude protein 0% crude fat 0%, crude fibre 0%, crude ash 0,1%, methionine 0%, lysine 0%, sodium 0,02%, humidity 25%.

### Vigo-Carnitine

Nutritional additives for birds and pigeons  
Composition: magnesium L-aspartate, magnesium chloride, inositol.  
Additives: vitamins and provitamins per litre: L-carnitine (3a910) 8.000 mg, choline chloride (3a890) 22.500 mg.  
Guarantees: crude protein 0%, crude fat 0%, crude fibre 0%, crude ash 1%, methionine 0%, lysine 0%, sodium 0,05%, humidity 85%.

### Vit-AZ-min

Nutritional additives for birds and pigeons  
Composition: glucose, calcium phosphate, algae, soy protein concentrate.  
Additives: vitamins and provitamins per kg: vitamin A (3a672a) 400.000 IU, vitamin D3 (3a671) 40.000 IU, vitamin E (3a700) 800 mg, vitamin K3 (3a710) 120 mg, vitamin B1 (3a820) 820 mg, vitamin B2 580 mg, niacinamide (3a315) 1.200 mg, calcium D-pantothenate (3a841) 1.200 mg, vitamin B6 (3a831) 650 mg, folic acid (3a316) 40 mg, vitamin B12 1,60 mg, vitamin C (3a300) 12.000 mg, biotin (3a880) 8 mg.  
Guarantees: crude protein 6%, crude fat 0,5%, crude fibre 1,5%, crude ash 22%, sodium 1%, lysine 0,3%, methionine 0,2%.

### Vitamin KADRIE

Nutritional additives for poultry  
Composition: sodium chloride, magnesium chloride.  
Additives: vitamins and provitamins per litre: vitamin A (3a672b) 600.000 I.U., vitamin D3 (3a671) 300.000 I.U., vitamin E (3a700) 3.240 mg, menadione sodium metabisulphite (3a710) 2.000 mg, vitamin B12 10 mg, vitamin C (3a300) 10.000 mg.  
Guarantees: crude protein 0% crude fat 0%, crude fibre 0%, crude ash 0,1%, methionine 0%, lysine 0%, sodium 0,01%, humidity 97%.



R.E. Dr. Peter Coutteel  
For the health of your birds!

Dorsel 40 – 2560 Nijlen – Belgium  
[info@coutteel.be](mailto:info@coutteel.be) and [www.coutteel.be](http://www.coutteel.be)