



# ***Resistance Selection Method***



Jean-Louis Jorissen  
Industrial Pharmacist

**RELIABLE  
FORMULAS FOR**  
RACING PIGEONS

**version 3.0 11/2016**

*One of the most beautiful images etched in every fancier's memory is the last wing stroke of a pigeon arriving, knowing it is home while the fancier knows it will take the first prize ....*

**40** year

**JUBILEE COMED**

# TABLE OF CONTENTS

Why use Comed?	4
The original is always better than the copy	5
Vision and mission	6
Comed has been warning about this for 40 years...!!!	11
Resistance-Selection-Method	17
Product Range	20
The benefits of oil	24
Problems in the upper respiratory tract	38
Fertibol vs Grit	44
Recovery: water is the most important supplement!	51
Moulting	53
Raw material range	56
Stopmite	59
Comed clean Line	61
Professional extention possibilities for the schemes	68
Ointment against scaly legs	69
Treatment schemes	70
Willem de Bruijn highlights	82
Formulas	87

## WHY USE COMED?

### COMED LAB

- lab with a permanent research team for pigeons and birds
- contact with all the important research centers in the world
- Comed has a completely renewed lab and meticulously adheres to the newest legislation
- 40 years of experience in ornithology, a guaranteed high quality
- products with a strong, noticeable effect, safe products without any side effects, products contain no doping
- an own authorization number as a manufacturer according to the European legislation BE 6338



The four pharmacists of the research and development team together with our commercial manager Marie Jorissen, are continuously looking into the problems the birds have to cope with. Please feel free to call on them and do not keep going around with unanswered questions of any kind. You will receive an answer within 24 hours. Or better still, make an appointment and visit us at Comed to discuss your method of care, free of charge and without obligation.

## THE ORIGINAL IS ALWAYS BETTER THAN THE COPY.

Ever since its beginning, more than 30 years ago now, Comed has started using smart 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 Comedol (Fine Oil), 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 revolutionary intestinal conditioner Cometose. 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.

Vegetable products are very important. They can help strengthen the natural resistance. 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. We are still looking for medicine-free solutions, which means we want to keep animals healthy in a strictly natural manner.

## Vision and Mission

### SCIENCE - ADVICE - INSIGHT - CONFIDENCE

In 1976 Jean-Louis Jorissen founded Comed nv, a wholesale business for veterinary instruments and animal medication. He developed his own product range for pigeons and other animals. At the end of the eighties, Jean-Louis Jorissen specialised as an Industrial Pharmacist at Liège University.

At that time, Linus Pauling promoted a scientific movement that combined medicine and nutrition. Before this, medical training paid hardly any attention to the links between pathology and nutrition. Today the entire medical sector is convinced of the vast importance of widening the fundamental research in the field of orthomolecular nutrition.

This inspired Comed to develop a range of products for animals.

- the distribution of animal medication
- the development of new products in line with the latest research
- the manufacturing of products for pigeons, fancy pigeons, birds, horses, dogs and cats as well as products for human consumption
- Comed wants both professional and amateur breeders to reach the top with as little medication use as possible.

Our products are the result of vision and research.

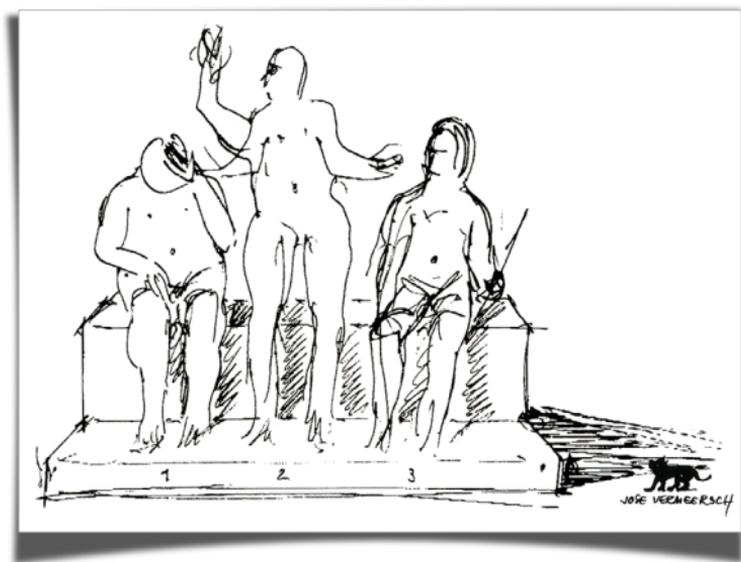
We want everything that we produce to earn its “quality label”. Thanks to this philosophy, Comed products are without comparison.



My friendship with expressive artist José Vermeersch (1922-1997) has influenced my professional life on a spiritual level. José was a “flandrien”, a strong, silent and persistent worker, endlessly in search of unpretentious quality. His clay statues reflect, in a touching and uncomplicated way, man in his naked simplicity: bodies of all shapes and sizes with indefinable age but running to seed since birth. Only eyes, hands and feet are strikingly perfect...

Next to the mission that one needs to have as an entrepreneur, there is also the practice of enterprise. It is Comed’s mission to keep animals safe and healthy without the abuse of antibiotics. From our numerous discussions on the practice of enterprise, José Vermeersch and I derived three qualities that should be united in any company: chaotic thinking, planning and execution.

This conclusion led to the design of three statues which represent the human characteristics by which a company functions. Unfortunately, José died a few weeks after his 75th birthday and so didn't have the time to complete this project. However, the design is a nice keepsake and I gladly share the memory with my precious Comed users.



“ordo ab chao” (order out of chaos)

I have studied and searched my entire life with great pleasure, both on a spiritual and a scientific level, because I believe that in the new world of tomorrow it is man's essential and perpetual task to amass knowledge.

The older I get, the bigger the interest.

Mainly because I discover links between everything. The more data is stored as ready knowledge, the more one is consciously “man”. Life on earth is more easily understood and that is a noble cause. Knowledge has brought me happiness. Nonetheless, this knowledge gathering is unpretentious. Being smart is nothing to brag about on its own, but has to lead to wisdom. Serving society is the mission.

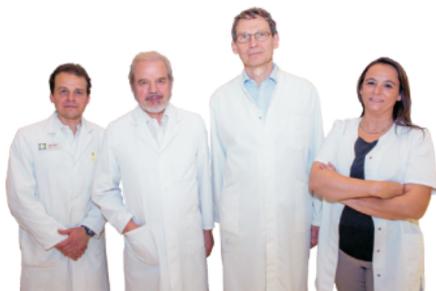
In my field, I got a sort of chaotic spread of knowledge of the numerous working substances in different domains. Links are felt subconsciously and instinctively. This is essential in order to be creative: briefly seeing the order in the unity of chaotic knowledge. Creatively solving medical or nutritive problems happens spontaneously upon discovering a number of links. Next, these creative suggestions are assessed for their feasibility. The products have to work optimally and be bioavailable or absorbable, have a long shelf life and be compatible with standard food stuff.

The strict legislation and the production and trading of new preparations is also discussed. The legislation is extremely complex. A laboratory has to be well equipped and all apparatus needs to be inspected regularly. There are very strict regulations for statements and claims on the labels. Every player, be it the supplier of raw materials, the producer or distributor, is involved in an elaborate and detailed retracing system, enabling verification of the quality and the safety of a product and its components at any point. The slightest deviation needs to be detected so that action can immediately be taken on all necessary levels. Only those who match these strict procedures obtain authorization number. The Comed number is BE 6338.

It is a big advantage that my colleague François Duda and I complete each other. We studied together and we became a well-oiled research and

development machine. I decide which new formulas we are going to develop based on input from the market, while François, the patient scientist, technically adds the finishing touches to the product. Since 2012, son Frederic Jorissen, also pharmacist, completed the team. Finally, in 2015, Ilse Verstraeten completed the team (management, legislation, registration, development and communication).

The merit to the Comed range is therefore dedicated to our collaboration.



from left to right Frédéric Jorissen, Jean -Louis jorissen, François Duda en Ilse Verstraeten.



## Comed has been warning about this for 40 years...!!!

When I started working in the 70s there was still a large choice of recently developed effective and safe antibiotics (penicillin had already been discovered in 1928). 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-70s? 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 almost 40 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 pathogens have won and the antibiotic apocalypse has begun. In November 2015, Chinese scientists discovered pathogens in pigs and chickens against which antibiotics are no longer effective. Even before the post-antibiotics era had begun.

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 the antibiotic best and could find a way to survive.

When the cure is unfinished, 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 TBC has been able to develop amongst homeless people, who have trouble finding or finishing a medicinal cure. That is why in some countries TBC 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 animal, the greater the numbers in a group. 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. Chicken as a protein source 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 (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. In oktober 2016, the United Nation summit in New York had the resistance against antibiotic high on the agenda. The message of Comed for almost 40 years: no more breeding with or tuned on 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 consumer, to safeguard the future of our modern medicine. A reversal is possible, but the useless consumption of antibiotics should keep on diminishing, and everyone should 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. Fanciers were looking for “something strong” and it didn’t really matter what it was ... Three (antibiotics) -in-one (formula), four-in-one, five-in-one mixtures were examples of a perverted habit. Often doubtful treatments were applied, antibiotic cocktails which made you wonder how these poor animals could even perform, despite almost being intoxicated by antibiotics...

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, Winmix and Roni**.
- 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).

Challenging sports make the animals ill 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 almost for 40 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**, **Winmix** and **Roni** leading 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? 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. We use high-technological orthomolecular nutrition and scientifically approached aromatherapy.

During the demanding racing championship, we give the pigeons a very good chance of being successful with the Comed **RESISTANCE-SELECTION-METHOD** ([www.comed.be](http://www.comed.be)). Pigeons that are not able, despite the Comed **RESISTANCE-SELECTION-METHOD** , are weaklings who do not belong in the team.

"The survival of the fittest" , following in Charles Darwin's footsteps. We do have to select the pigeons anyway, because for practical reasons we cannot keep all of them.

**"The survival of the fittest Comed-user".**

Willem Debruijn was the early decider. With his medical background (he is a dentist and his wife is a medical doctor) he had been struggling for years with the irrational use of antibiotics.



Almost 10 years ago, he quit the “crazy treatment schemes” as he would call them, and he replaced the antibiotics with Curol (an aromatics complex), Roni, Winmix and Cometose. Year after year this has led to astonishing results. (<https://willemdbruijn.nl/>)

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

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

The result with the Comed **RESISTANCE-SELECTION-METHOD**: not just as good, but clearly better without antibiotics.

Follow the **RESISTANCE-SELECTION-METHOD** from Comed or drop hopelessly behind ...!!!

Jean-Louis Jorissen  
Industrial pharmacist



ANTIBIOTIC FREE  
WITH  
***RESISTANCE - SELECTION - METHOD***



## RESISTANCE - SELECTION - METHOD

### RSM

This system uses three basic products and is derived from the Charles Darwin principle. It strengthens your breed, it does not rely on the use of preventive antibiotics and it yields even better results when combined with **Winmix**, **Curol** and **Roni**.

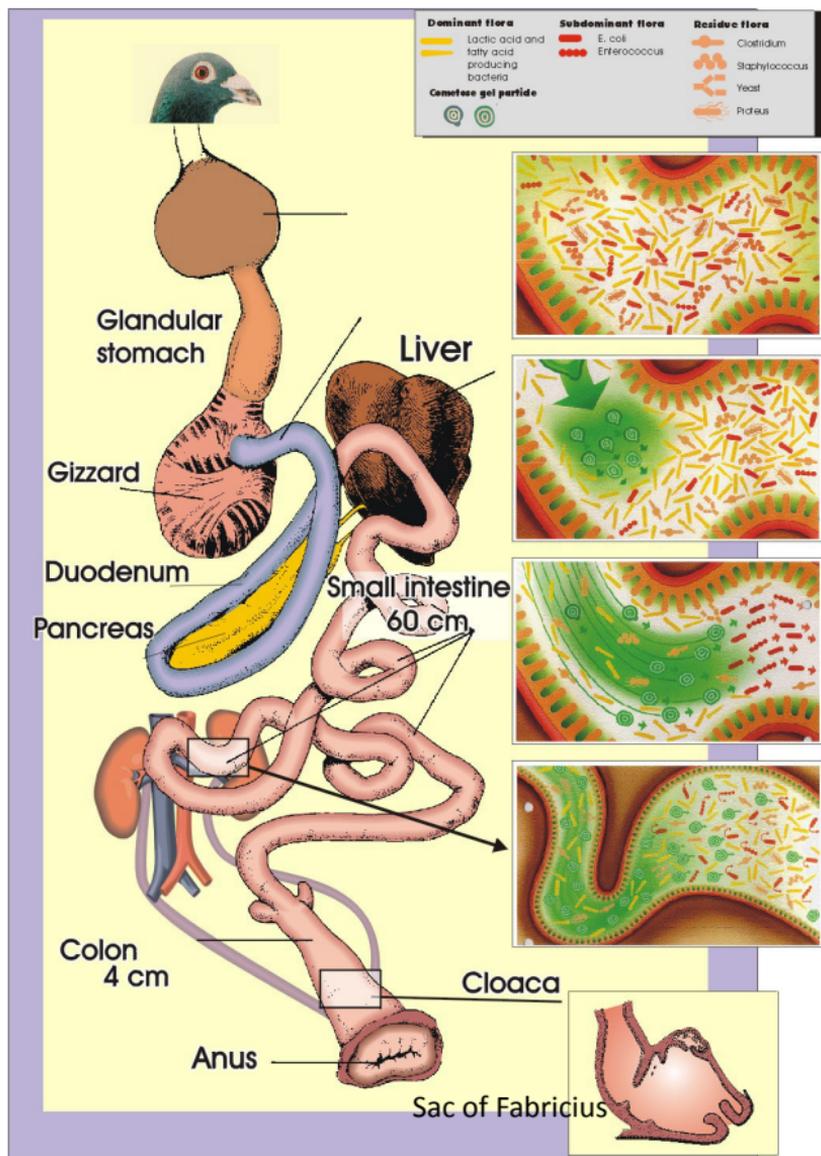
#### RSM INCREASES THE NATURAL RESISTANCE OF THE ORGANISM

##### A GOOD START...

The immune system of a pigeon develops when different organs start to interact with each other to produce defence cells (lymphocytes) generating antibodies (immunoglobulin). When a bird hatches it can rely on the natural defence mechanism which it inherits from the mother. These immune defences will gradually weaken as the bird starts to develop its own immune system after hatching. Unfortunately Circovirus (C.V.) is damaging the immune system. In the first 2 months of the young birds live when the passive immunity transfers to active immunity the sac of Fabricius is a reservoir of Circovirus : here the lymphocytes B are formed. After antigenic stimulation they are transformed in to plasmocytes migrating into the blood. These produce immunoglobulins in the blood (humoral immunity).

If there is no seamless transition from one phase to the other then the bird risks having a weakened immune system during weaning (immunity gap). RSM ensures a healthy immune system at all times. RSM helps the young bird to successfully bridge this transition period during weaning.

Negative stress (weaning, grouping, vaccinations, an unhygienic environment, transport, etc.) can be detrimental to a pigeon's natural immune system. RSM helps to strengthen the organism's natural immune system. Our Comed products will help the young birds overcome a potential weakness in their immune system.





## PRODUCT RANGE



# WINMIX

## ALL-IN-ONE FEED SUPPLEMENT



250 g - 900 g

The first all-in-one basic preparation for racing birds provides your pigeons with all the necessary vitamins, trace elements, essential amino acids, minerals, prebiotic enzymes, electrolytes and buffered acidic PH values which stimulate the development of good germs. It also contains proteins which aid in developing a strong muscular structure and which are indispensable in the pigeons early growth. It also contains vegetable fibres for a better digestion and plant extracts which benefit the pigeons overall health. Each of Winmix's active substances is in perfect balance for it, to ensure an even and coordinated effect. Winmix is highly absorbable and is 100% effective. Winmix gets and keeps your pigeons in the best shape.

### Use:

1 tablespoon (15 g) Winmix per kg of feed.

If necessary use daily.

See scheme for the best possible use.

# RONI

## ACIDIC INTESTINE = HEALTHY INTESTINE



100 g - 275 g - 1 Kg

Roni is a product for the mucus membranes in the beak, the throat and the digestive system. It is an excellent product which stimulates the good intestinal flora and promotes good digestion. It is an active intestinal conditioner and a perfect complement to Cometose.

Roni contains probiotics, yeasts and intestinal antiseptics. We know that germs avoid acidic environments which explains why apple vinegar has been a popular remedy against intestinal disorders. However, apple vinegar will in general only kill germs in drinking water; this weak acid hardly serves any purpose in a pigeon's digestive system.

Roni's special prebiotics and enzymes stimulate the flora which produce lactic acid, which in turn keeps acidity levels high even in the small indentations of the intestine walls. Roni promotes efficient digestion, which results in the pigeons eating up to 25% less feed. Roni transforms fat reserves into useable intramuscular fat, which is crucial for performance (see page 26). This is especially important for pigeons which race on the natural system, since they gain more weight due to fewer training races, compared to the widowers, which train twice a day. An active substance derived from garlic breaks up mucus clusters, which would otherwise enable the germs to fend off the defence mechanisms of the intestinal walls. Roni is an excellent acidifier for the intestines and it provides basic care. Along with the activated garlic extracts Roni keeps the intestines in good health throughout the season.

### Use:

10 g per 2 l of drinking water (the solution is slightly trouble).

Can also be mixed into the feed (10 g per kg of feed).

If necessary use daily. See scheme for the best possible use.

# CUROL

## HEALTH OIL



250 ml - 1 L - 5 L

This oil contains special aromatics and is a perfect **alternative to preventive antibiotics**.

Curol is a well composed health oil derived from Comedol and based on active aromatics.

Works well against temporary stress caused by learning (immunity gap) and social disturbance (widowhood, etc.).

### **Use:**

1 tablespoon (15 ml) per kg of feed.

If necessary use daily.

See scheme for the best possible use.

## THE BENEFITS OF OILS?



### THE ROLE OF FAT

A pigeon which is very active tends to eat a lot of grains which are high in fat. That fat acts as an energy source. If the pigeon is given feed supplements which are also high in fat, for instance oil, then it will perform better. Based on the positive effects on the pigeon's shape and overall health we recommend a daily portion of Comedol (Precious Oil) to increase their fat intake, which they need to top up the energy reserves in their muscles. Fanciers who prefer to add supplements in powdered form can use Comedol to moisten the grain feed, which will help the supplements stick better.

A pigeon became a flying creature simply because it meets a number of fundamental and logical criteria. Racing birds however need to have some additional skills.

- They have to be able to release much energy through burning fat for hours on end.

- They have to avoid birds of prey, fly with the pack, take off quickly and be able to change direction.
- They have to be light (hollow bones).
- They have to orientate themselves based on the earth's magnetic field.
- They need excellent eyesight.
- They have to be able to reproduce, their youngsters have to develop quickly.
- They have to ...

How can we support and positively influence each of these features?  
By adding oils (fat) to their diet!

Fat, carbohydrates and proteins are sources of energy which are supplied to the pigeon through their feed. Their nutritional value is measured in calories. We know these values from our human diet and we've all heard the doctor's advice which says: if you are overweight you need to lower your calorie intake.

These are the nutritional values:

For 100 g fat: 900 kcal

For 100 g sugar: 400 kcal

For 100 g protein: 400 kcal

As you can see, fat provides 2.2 times as much energy per gram as sugar (carbohydrates) or proteins, which makes fat the perfect, **light** energy source for a flying creature. However, a pigeon also needs to be able to release these vast amounts of energy contained in fat, which is only possible by consuming large amounts of **oxygen**.

## HOW IT WORKS

A racing bird is an incredible flying machine; high performance and no comparison to us humans!

The most important and most powerful energy source for this flying machine comes in the form of lipids (= oil, fat). Most energy-rich fat molecules are stored in the red high-endurance chest muscle tissues. The glycogen molecules (carbohydrates = sugar), which are kept in the white muscles in the wings, are a secondary hybrid energy source and are less potent; they can be used only for brief periods due to increased lactate levels associated with increased effort (steering, landing, taking off).

The lipids will bind with inhaled oxygen, generating ATP, (which acts as a battery), that will enable the pigeon to fly for hours on end, while emitting innocuous carbon dioxide. Pigeons can draw vast amounts of oxygen from the air compared to humans (about 10 times as much).

Cereal grains and legumes contain only 3 - 10% fat (oils) and 60 - 70% carbohydrates (starch). Proteins contain nitrogen and will not usually act as an energy source. The breakdown of proteins is only possible in case of emergency and is undesirable because it produces ammonia, which in turn neutralises the acids in the digestive system which protect the system against pathogenic germs.



That is why we recommend the use of these important oils (Comedol, Curol) as part of our Comed racing diet.

It has a limited range of use due to its liquid form (max 15ml/kg grains).

That is why we developed Comed Load Pul (powder) and Load Caps (capsules). These body-like lipids are easy to digest and are simple in use, both in powdered form or capsules and can be given in large quantities.

Load Pul and Load Caps are invaluable supplements for middle and long distance racing birds.

Increased UV light absorption is known to stimulate the storage of lipids in the muscles!



Gerda  
1 th. int. Barcelona 1994

SOLID FAT

# LOAD PUL/LOAD CAPS

ENERGY



300 g

Load Pul / Load Caps provides pigeons with energy in a very peculiar form, with microscopically small fat particles which are stored mainly in the heart and chest muscles. These fat particles create a form of energy reserve which can be retained in the muscles for a long period of time (during transport), only to be used during the race itself. That significantly increases a pigeon's energy reserve, which in turn leads to unique performances. (see also above see page 26)

## Use:

Load Pul: 1 level tablespoon (10 g) per kg of feed per 200 km, not more than 4 tablespoons (40 g).

Load Caps: 1 capsule per 100 km, do not use more than 8 capsules after another. Do not let them fly out afterwards.

If necessary use daily.

See scheme for the best possible use



100 caps

It is recommended to moisten the capsules with Comedol so that they are swallowed more easily.

# COMEDOL

## FUEL

### BASIC OIL – PRECIOUS OIL

### WHICH ALL OTHER COMED OILS ARE DERIVED FROM



250 ml - 500 ml - 5 L

This oil contains special aromatics and is a perfect alternative to **preventive antibiotics**.

Comedol contains essential natural oils with stimulating and blood-purifying properties. **Garlic oil** has a intestinal cleansing effect; cod-liver oil is a source of vitamin A and D, which contributes to a strong skeleton through the formation of calcium; **lecithin** stimulates the development of nerve fibres and it contains phosphorus, which is easily digested by the body; and **wheat germ oil**, rich in vitamin E, which increases fertility. Comedol also contains **sunflower oil**, and the balanced combination of sunflower and wheat germ oil delivers essential fatty acids, which is crucial for a uniform development of the muscles. Comedol contains a balanced ratio of **omega fatty acids 3-6-9**.

#### **Purpose:**

To store energy reserves in the muscular tissues.

#### **Use:**

1 tablespoon (15 ml) per kg of feed.

If necessary use daily.

See scheme for the best possible use

# CUROL

## HEALTH OIL



250 ml - 1 L - 5 L

This oil contains special aromatics and is a perfect alternative **to preventive antibiotics**.

Curol is a well composed health oil derived from Comedol and based on active aromatics.

Works well against temporary stress caused by learning (immunity gap) and social disturbance (widowhood, etc.).

### Use:

1 tablespoon (15 ml) per kg of feed.  
If necessary use daily.  
See scheme for the best possible use.

# FERTOL

## PARENTS



250 ml - 1 L - 5 L

Derived from Comedol for good breeding. The breeding oil fulfils the specific needs both parents have during breeding. The essential oils provide a better blood circulation of the reproductive organs.

### Use:

1 tablespoon (15 ml) per kg of feed.  
If necessary use daily.  
See scheme for the best possible use.

# STRESSOL

## TRAINING - STRESS



250 ml

Stressol is derived from Comedol and fulfils the specific needs of young birds. It has been made of carefully selected oils and is perfect to counter the negative consequences and stress caused by their learning process.

### Use:

1 tablespoon (15 ml) per kg of feed

If necessary use daily.

See scheme for the best possible use.

# MUROL

## FEATHERS



250 ml - 1 L

Contains a selection of aromatics for a better circulation in the skin. An aromatic supplement, derived from Comedol, to support the specific metabolism during moulting. To be used together with Murium.

### Use:

1 tablespoon (15 ml) per kg of feed

If necessary use daily.

See scheme for the best possible use.

# COMETOSE

## WELL-BALANCED INTESTINAL FLORA –THIRST



250 g - 900 g

Intestinal conditioner against watery droppings. Cometose is a plant-based bioproduct with remarkable properties which help keep the pigeon's intestinal flora in balance (ensuring an optimal acid pH value during digestion). Cometose regulates the intestinal transit and leaves a protective film on the intestinal mucous membranes. Cometose consists of the probiotic germ *Bacillus Subtilis*, prebiotics, Kelp, active fibers, ferments, electrolytes, etc.. The fibers retain water and swell up, causing them to create a particular beneficial "sausage of water containing slime", functioning like an extra tank.

This is extremely important to prevent **thirst** during the race. The fibers rub and clean the intestinal wall, thereafter slime -resembling that of the intestine wall- together with the prebiotics and electrolytes- is left behind as a protecting layer. Pathogenic germs get stuck in this slime ( agglutination), preventing them to reach the intestinal wall and will be expelled together with the droppings. **Cometose**, by cleaning the intestinal wall, optimizes the feed conversion (up to 25% less feed needed). **Cometose** is an ideal intestinal conditioner because of its acidity it inhibits the growth of germs, while the present electrolytes that dissolve in the retained water prevent dehydration in the case of diarrhea.

### Use:

1 tablespoon (15 g) per kg of feed.

In case of watery droppings you can increase the dose to 2 to 3 tablespoons per kg of feed. If necessary use daily.

See scheme for the best possible use.

**Never add to drinking water! (not soluble)**

# PHYTOCUR

## IMMUNITY



250 ml - 500 ml - 5L

Phytocur strengthens the pigeon's immune system. To be used preventively when the pigeons are under a lot of strain (the racing or breeding season) or after a disease. It contains specific natural essential oils and is an ideal substitute for preventive antibiotics.

### Use:

10 ml per kg of feed or 5 ml per l of drinking water. (\*)  
If necessary use daily.

See scheme for the best possible use.

*(\*) If pigeons sit together crouched down, without eating much, Phytocur should be added to their drinking water.*

# HEMOGLOBAL

## IRON



250 g

Hemoglobin is a powder which contains absorbable iron, which enables the blood to carry more oxygen. As a result it can endure larger workloads. It accelerates the speed at which pigeons recover. To be used for weakened or sick pigeons and for youngsters.

### Use:

1 tablespoon (15 g) per kg of feed.

If necessary use daily.

See scheme for the best possible use.

**Never add to drinking water!**

# TEMPO 60

## CONDITION



300 g - 1 Kg

If your pigeons do not get enough training you can give them Tempo 60 every day, until they can stay in the air for 45 minutes. Training is a fundamental requirement when it comes to gaining condition (the formation of myoglobin which stores oxygen in the muscles). Tempo 60 enables your pigeons to train longer. It contains 32 different elements which a pigeon needs every 24 hours, including proteins, vitamins, minerals, trace elements, etc. Even the slightest change in the quality of their feed can disturb intestinal absorption. That is why we strongly recommend adding Tempo 60 to your pigeons' feed, combined with Cometose, to make sure that all of these elements are optimally absorbed. Tempo 60 will keep your pigeons in good health overall. Tempo 60 provides substances makes stronger and shiny feathers.

### Use:

1 tablespoon (15 g) per kg of feed. If necessary use daily. See scheme for the best possible use.

**Never add to drinking water!**

# BATH SALT

## FEATHER CARE



750 g

Our Comed bath salt is an excellent care product for your pigeons' feathers. It contains refreshing essential oils to improve the circulation.

### Use:

1 heaped teaspoon of bath salt (30 g) per 10 l of bath water every week. Dispose of the bath water after 1 day. In case of hot weather you can bathe your pigeons more often.

# FLORACOM

## ECOFLOTA: BENEFICIAL GERMS



1 L

Floracom consists of germs who have been washed off of natural herbs and plants grown in an optimal ecologic environment. These natural germs create a natural resembling loft climate for your pigeons. That product can be used in several different ways. Outside use: as a spray in the loft, on the floor and the grids and to be sprayed directly onto the pigeons.

### Use:

Power Supply: 10 ml Floracom per kg of feed.

Breeding: use daily starting 3 weeks before pairing and until 3 weeks after weaning.

Racing season: daily throughout the entire racing season.

Loft climate: Dilute Floracom Pigeon ten times with water (e.g. 100 ml for 1 l of water); to be used as a spray around the entire loft.

If problems arise use 2 to 3 times a day, or else 2 to 3 times a week.

Floracom is safe. It can be used all year round for as much as you like. It creates an natural environment.

**Important: avoid any contact with chemical substances (e.g. antibiotics).** That will kill these beneficial germs.

When used as a spray please use a new or sufficiently cleaned spray pump with fresh and clean water, use Comed Clean products. This product should be stored in a cool place, away from direct sunlight and frost.

# ULTRACOM

10 IN 1

## A PIGEON LOFT IS NOT A HOSPITAL...

Racing birds do not need any additional medicines when using the **RESISTANCE-SELECTION-METHOD**, apart from the vaccinations carried out by the veterinary . The championships are particularly demanding, as pigeons are expected to deliver increasing distances. That is why the racing birds are the most versatile pigeons worldwide! Many fanciers have a large collection of pigeons and they prefer not having to look after every single pigeon individually. That is why the products in our **RESISTANCE-SELECTION-METHOD** range can be easily added to the feed or to the drinking water.

After each race there will be a couple of pigeons which do not recover well: they are crouched over, they barely eat or drink, they look fatigued and they might be carrying pathogenic germs. These are all symptoms which can indicate a developing disease. These pigeons are given an Ultracom capsule every day; these capsules contain the most important and the most potent elements in our entire range of Comed products for racing birds.

Those pigeons should be individually checked and examined every day and administered a Ultracom capsule if needed. They should be back in full shape after a few days, even before being basketed again. Antibiotic treatments during the season are not recommended, as this breaks down the pigeon's sensitive intestinal flora, which takes months to fully recover. Short antibiotic treatments (2 to 3 days) are even more dangerous, as they will contribute to antibiotic resistance.

*In the end, one must dare to make a decision that*

*“pigeons with a weak immune system do not belong in my loft”.*

Good-quality pigeons have the best chance of being successful in the demanding and difficult racing competition if they follow the **RESISTANCE-SELECTION-METHOD**. Pigeons which fail to deliver despite the **RESISTANCE-SELECTION-METHOD** are weaklings which do not belong in your racing team.

Any fancier who adopts this approach consistently will soon be competing at a higher level. This is our all-in-one health capsule.



100 caps

Ultracom contains a mixture of 10 active components, which were selected for the following reasons:

1. to increase resistance
2. to support their immune system
3. to clear the respiratory system
4. to support the airways
5. to prevent watery droppings
6. to normalise digestion
7. to stimulate the development of good intestinal bacteria
8. to get your pigeons in the best shape especially before prize-winning races
9. to support the muscles
10. to keep the joints supple

**Use:**

One capsule per pigeon a day to be administered in the beak

## PROBLEMS IN THE UPPER RESPIRATORY TRACT?

Problems pertaining to the upper respiratory tract are always sparked by the rhinitis viral infection, a member of the Pigeon Herpes Virus PHV1. Due to its highly contagious nature, basically every pigeon carries herpes antibodies.

After the initial infection (generally during hatching) the repeated flare-ups of this disease will cause the upper respiratory tract to become vulnerable to bacterial complications such as mycoplasmosis, trichomoniasis, Staphylococcus aureus, Pasteurella septicus and E. Coli.

That is why regular use of antibiotics is not a viable solution as it also disturbs the ecosystem of the intestinal flora. Increasing the pigeon's resistance is much more important in protecting it against repeated flare-ups of PHV1. Strong resistance is paramount.

Pigeons can find their way back home even under the most extreme conditions, thanks to the very high functional reserve of their liver. As a result pigeons can dig deep into their reserves both in training and prize-winning races. That causes many fanciers to overlook the symptoms of a developing illness, and that can lead to severe losses (especially amongst young birds). Particular attention should be paid to the triggers of PHV1: stress (basketing, widowhood, etc.), temperature fluctuations, feed, etc. Fanciers also tend to neglect the fact that parasites can play a crucial role in the reactivation of PHV1. Parasites cause chronic stress and overall strain. We often underestimate the negative impact they have on a pigeon's fitness.

**Stopmite** is highly effective and easy to administer and it provides excellent protection against a wide range of different parasites and flying insects (see page 59).

# LYSOCUR FORTE

## OPEN RESPIRATORY TRACT



250 ml - 500 ml - 1 L

Lysocur Forte is a health cure with plant extracts which keeps the pigeon's immune system in balance. It is indispensable for getting your pigeons in the best shape by the start of the season and to keep them fit, as well as to keep the upper respiratory tract open. It contains specific natural essential oils and is an ideal substitute for preventive antibiotics.

### Use:

10 ml per 2 l of drinking water or per kg of feed. If pigeons sit together crouched down, without eating much, Lysocur Forte should be added to their drinking water (see page 33)

Before basketing, upon return from a race and once in the middle of the week.

If problems arise: use daily for at least 7 consecutive days.

Can be used as a spray: 30 ml per l of mineral water.

**Important: for maximum effect use Lysocur eye drops and Lysocur loft spray simultaneously.**

## LYSOCUR EYE DROPS

The Herpes virus enters the body through the eyes and nostrils. It is the most important trigger for all the problems pertaining to the upper respiratory tract. That is why Comed developed its Lysocur Eye Drops. They consist of plant extracts which resemble the protective elements also found in the well-known Curol health oil. The special properties of these plants have been known for hundreds of years; they work against swollen eyelids and other swellings.

Lysocur Eye Drops also contain propolis, a product made by honey bees, as well as cornflower extract. Those two substances have been used in traditional medicine for thousands of years for their soothing and anti-inflammatory effects. It makes the pigeon more resistant to the Herpes virus infection Coryza (Rhinitis).

Due to its viscosity and the way it has been manufactured, the Lysocur Eye Drops will stick to the eye conjunctiva longer, thus providing instant and durable relief for the pigeon.

**Lysocur Eye Drops** are particularly suited for young birds, which are known to have very sensitive eyes.

### Use:

Because we take young birds in the hand daily they are easy to domesticate, which makes the Lysocur Eye Drops very easy to administer. When the drops vanish quickly, the eyes are in excellent shape. If the drops remain visible for a while, there is a problem with the highly sensitive „third eyelid“ (the nictitating membrane). In this case the drops have to be administered three times a day until the drops are absorbed at a normal rate.

That means our Lysocur Eye Drops can be used both as a diagnostic test and as a remedy. Lysocur Eye Drops are composed of registered and certified plant extracts which are guaranteed free from atropine.

Lysocur Eye Drops are free from medication or doping.

# LYSOCUR

## EYE CARE



30 ml

Care product for the eyes, the nictitating membrane and the nostrils of the pigeons.

One drop in each eye and each nostril before and after the race.

If necessary use daily.

See scheme for the best possible use.

**Important: for maximum effect we recommend using the Lysocur Loft Spray and Lysocur Forte simultaneously.**

**Lysocur Eye Drops are free from doping.**

## WHY USE A SPRAY?

Fogging the pigeon loft is also useful for pigeon fanciers.

Mist spray suppresses the harmful down feathers and neutralises the sebaceous matter it contains.

Lysocur Loft Spray is a perfect spray product and can be used as a precautionary measure when working in the loft. (It prevents against the development of silicosis, caused by floating sebaceous matter.)

When used as a spray the product will quickly reach the crucial areas of the upper respiratory tract, instead of having to pass through the digestive system first.

That allows the Lysocur Loft Spray to quickly enter the bloodstream through the lungs where it will become fully effective. It avoids the so-called first-pass effect of our metabolism, which would cause the product to lose some of its effectiveness due to being partially broken down by the liver.

The following products can be used as a spray:

***Lysocur Loft Spray, Lysocur Forte, Clean Spray.***



# LYSOCUR LOFTSPRAY

## LOFT CLIMATE



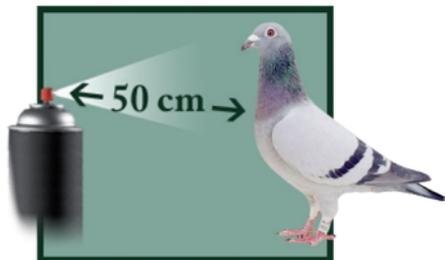
400 ml

Lysocur Loft Spray sees to healthy air in your pigeon loft. It has a sound effect on both the eyes and the respiratory tract (scientifically proven).

Use:

Use Lysocur Loft Spray at regular times, especially on the day birds return home from a race.

**Important: use Lysocur Eye Drops and Lysocur Forte as well to achieve the best possible result.**



# FERTIBOL

## EGG – SKELETAL GROWTH BREEDING



500 ml - 5 L

Fertibol is a suspension containing calcium, phosphorus and vitamin A, D and E. It stimulates egg growth and ensures successful egg hatching as well as perfect skeletal growth and stronger bones in young birds.

### Use:

30 ml per kg of feed.

If necessary use daily.

See scheme for the best possible use.

**Never add to drinking water!**

### **Fertibol** Vs. GRIT

Calcium and phosphorus represent 75 % of a pigeon's minerals and are the most important macro-elements along with table salt. Calcium influences muscular activity and phosphorus enhances energy generation.

Egg shells contain 97 % calcium. The skeleton contains 90 % calcium and phosphorus. Grain feed is rich in phosphorus but contains nearly no calcium. On an average day, pigeons need about 300 mg of calcium but when they feed their youngsters with crop milk, that amount increases to 650 mg a day, starting from the first up to and including the last day of crop milk feeding. The amount of phosphorus needed is about 90 to 230 mg a day per pigeon. Pigeons are therefore always looking for calcium and thus spend time picking at walls and cement, both good sources of these minerals. Because of that reason, fanciers do not only offer their birds feed but as much grit as they can eat as well.

By giving them Fertibol – an excellent source of calcium – their craving for calcium is reduced dramatically. Ground oyster shells are a well-known source of calcium carbonate. However, they have the disadvantage of neutralising the intestine's acidity, weakening its protection against infections. Oyster shells which are not yet fully rinsed are sometimes contaminated with bacteria, viruses (e.g. salmonella, E. Coli, etc.) or toxic phytoplankton. The intestinal and neurotoxic problems related to that may disturb a pigeon's orientation. It becomes far more worse when oysters, because of the contaminated sea water they filter out, contain quicksilver, lead and cadmium. Those heavy metals do not just disrupt the development of the highly susceptible young birds but also pose a danger to fully grown pigeons which run the risk of irreparable damage.

Comed offers fanciers Fertibol as an ideal source of pure calcium:

- The buffered balance ration of calcium and phosphorus allows for a maximum intake of those minerals, making Fertibol perfect for fertilization, egg shell and skeletal growth.
- The acid pH value guarantees a high degree of protection against infections.

**Fertibol, Roni** (which stimulates an endogenous production of acids in the intestine, allowing for a better intake of all minerals), **Winmix** (total supplement) and **Curol** (health oil) all enhance each other's effects (synergism).

# FERTOL

## PARENTS



250 ml - 1 L - 5 L

Derived from Comedol for good breeding. The breeding oil fulfils the specific needs both parents have during breeding. The essential oils provide a better blood circulation of the reproductive organs.

### Use:

1 tablespoon (15 ml) per kg of feed.

If necessary use daily.

See scheme for the best possible use.

# COMPOUND

## FATIGUE



60 ml

With L-carnitine and magnesium. Compound stimulates the conversion of fat (Comed oils see page 24) into energy during exertion. It is also advisable to use Compound after exertion for a quicker recovery.

Preferably use Compound with Tempo 60.

### Use:

20 drops (1 ml) per l drinking water or one drop in the pigeon's beak.

If necessary use daily.

See scheme for the best possible use.

# TRANSCUTINE

## LEG GEL



60 ml

Transcutine is applied to the pigeon's legs. They will turn nicely red because of the absorption of the powerful elements which will bring the pigeon in the best shape and let it amply produce pigeon feather dust.

### Use:

2 times a week. During the racing season the gel is applied before basketing and after arriving home from a race.



# ENERCOM

## SUPPORTS THE MUSCLES - PROTEINS



150 g - 600 g

Enercom brings the muscles in excellent shape before a race. The pigeon gains additional strength, allowing it to train and race longer. Specially adapted amino acids which regulate the correct acidity in the blood after a hard race and, by doing so, not just restore but improve the lost muscular capacity for the next race.

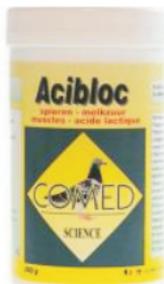
### Use:

2 tablespoons (30 g) per kg of feed.  
Always use Enercom and Roni at the same time.  
If necessary use daily.  
See scheme for the best possible use.

**Never add to drinking water!**

# ACIBLOC

## MUSCLES - LACTIC ACIDS



250 g

Feed supplement to tackle acidification of the muscles during exertion. Against stiff and sore muscles after a hard race. For better performances in races.

### Use:

1 heaped teaspoon (5 g) per kg of feed.  
If necessary use daily.  
See scheme for the best possible use.

# TONIVIT

## EXTRA VITAMIN A, D AND C



250 ml

Vitamin A and D are very important to skeletal growth whereas vitamin C is used to enhance the resistance of young birds to infections. A vitamin preparation which must be given while darkening your pigeons.

Never use during moulting!

### Use:

1 tablespoon (15 ml) per 2 l of drinking water.  
If necessary use daily.  
See scheme for the best possible use.

# STRESSOL

## TRAINING - STRESS



250 ml

Stressol is derived from Comedol and fulfils the specific needs of young birds. It has been made of carefully selected oils and is perfect to counter the negative consequences and stress caused by their learning process.

### Use:

1 tablespoon (15 ml) per kg of feed  
If necessary use daily.  
See scheme for the best possible use.

# FORME-T

## SPORT - SHAPE



100 g

Forme-T is soluble tea containing only tonic plant extracts. It quickly optimises a pigeon's shape and improves the shape when given regularly.

### Use:

1 heaped teaspoon (5 g) dissolved in 2 litres of cold drinking water = ready for use!

The tea can be given three times a week.

During the first weeks, it can be given daily.

## RECOVERY: WATER IS THE MOST IMPORTANT SUPPLEMENT!

During a race – often held in summer heat – a pigeon loses a considerable amount of water. The recovery from a race is therefore first aimed at refilling the pigeon's water tank.

Hydracom Iso contains electrolytes which through osmosis see to an even distribution and equal storage of water in the intestine, blood and kidneys (isotonic). If a young bird for example loses more than 10 % of its body weight in 24 hours due to water loss because of watery droppings or extreme heat, its kidneys will fail and the pigeon will surely die. Hydracom Iso also contains glucose, known for its superior water-binding capacity (cluster binding). Supply pigeons with the solution the day of arrival or after they have trained, especially in hot weather. Hydracom Iso can also be given for digestion problems which can cause dehydration. (liquid droppings)

# HYDRACOM ISO

## ELECTROLYTES - DEHYDRATION

Rehydrating formula for pigeons



1 kg

### Use:

Dissolve 1 heaped tablespoon (30 g) per l of drinking water to obtain an isotonic solution.

If necessary use daily.

See scheme for the best possible use.

**Respect carefully the undicated dose to obtain perfect osmotic balance.**

# HYDRACOM RECUP AMINO

## AMINO



1 kg

Contains both electrolytes and a selection of specially adapted amino acids which regulate the correct acidity in the blood after a hard race and, by doing so, not just restore but improve muscular capacity for the next race.

### Use:

Dissolve 15 g per l of drinking water  
If necessary use daily. See scheme for the best possible use.

*If mixed with glucose, these amino acids in powder form have a short shelf life. That is why glucose, which is needed for recovery, is offered separately as Hydracom Recup Gluco.*

**Respect carefully the undicated dose to obtain perfect osmotic balance.**

# HYDRACOM RECUP GLUCO

## GLUCO



1 kg

That is high-quality glucose to guarantee the presence of water in the intestine. Hydracom Recup Amino and Hydracom Recup Gluco must always be added to drinking water at the same time.

### Use:

2 teaspoons (10 g) per liter of drinking water  
If necessary use daily (watery droppings, exhausting races).  
See scheme for the best possible use.

**Respect carefully the undicated dose to obtain perfect osmotic balance.**

## MOULTING

It is a fact that pigeons moult throughout the season.

An increasing number of fanciers have discovered **Tempo 60** as an excellent product which can be used all year long for a pigeon's plumage. The feathers shine more deeply .

Moult is an important but uneasy period which the pigeon has to go through. Now that its most important task, i.e. seeing to offspring, is fulfilled, it is not fully agile.

It now needs much energy (**Murol**) to recover while at the same time sufficient and proper aid (**Murium**) is required to develop its primary and secondary feathers. A tip for those who, in spite of our advice, have given their pigeons medicines: **Comin-Cholin B-Complex** is definitely necessary here. It cleanses the body of damaging metabolites which influence the pigeon's metabolism for a long time.



# MURIUM

## METABOLISM - FEATHERS



300 g - 1 kg

Murium contains specific nutrients which are particularly needed during moulting. Murium regulates digestion and relieves the liver after intense training or a medical treatment (antibiotic: not recommendable). To be used with moulting oil. Murium can also be given to young birds for a better development of their feathers.

### Use:

1 tablespoon (15 g) per kg of feed.

If necessary use daily.

See scheme for the best possible use.

**Never add to drinking water!**

# MUROL

## FEATHERS



250 ml

Contains a selection of aromatics for a better circulation in the skin. An aromatic supplement, derived from Comedol, to support the specific metabolism during moulting. To be used together with Murium.

### Use:

1 tablespoon (15 ml) per kg of feed

If necessary use daily.

See scheme for the best possible use.

# COMETABOL DRAIN

## DETOXIFYING



500 ml - 5 L

Cometabol Drain contains minerals, vegetal extracts and natural trace elements. Cometabol Drain improves the physical condition because it keeps muscular energy supply and the work digestive organs do, balanced. Cometabol Drain economically and slowly filters out the residue of the energy metabolism and waste products in the feed. It is easily digestible. Giving Cometabol Drain for a long time does not disturb natural digestion.

### Use:

10 ml per kg of feed or per l of drinking water.

If necessary use daily.

See scheme for the best possible use.

# COMIN-CHOLIN B-COMPLEX

## METABOLISM - DETOXIFYING - FEATHERS



250 ml - 500 ml - 5 L

Comin-Cholin B-complex is a solution of amino acids, electrolytes, vitamins, sorbitol, methionine and choline. It supports the liver and improves and supports the pigeon's organism in all stress situations. It is recommended during training races and against stress when transporting young birds. The product is also perfect at the end of the season and to gain strength for breeding.

### Use:

1 tablespoon (15 ml) per 2 l of drinking water.

If necessary use daily.

See scheme for the best possible use.

Supply a new solution every day.



## RAW MATERIAL RANGE



# VITAMINE A & E

## RAW MATERIALS

Given the new strict European regulation, feed additives such as vitamin A and vitamin E may no longer be sold as concentrated substances. That is why Comed now offers pigeon breeders who have a large demand for those vitamins both Vitamin A 10.000 U/g as feed supplement and Vitamin E 5% .

Only use in case of a shortage of vitamin A or vitamin E.



100 g

Only use in case of a shortage of vitamin A

**Use:**

5 g (1 teaspoon) per kg of feed.



250 g

Only use in case of a shortage of vitamin E

**Use:**

5 g (1 teaspoon) per kg of feed

# WHEAT GERM OIL

ENRICHED WITH VITAMIN E



1 L - 250 ml

## Use:

15 ml (1 tablespoon) per kg of feed.

During breeding: 2 weeks before pairing up to and including egg laying.

During other times of the year: 2 to 3 days before exertion and stress.

# GARLIC OIL



1 L - 250 ml

## Use:

5 ml (1 teaspoon) per kg of feed

Winter, breeding and racing season: 1 day a week

Racing season preparation: 1 week

Moulting : two week days (not at the weekend)

Keep cool and dry.

# STOPMITE

## CLEAN PIGEON LOFTS - PARASITES - FLYING INSECTS

**Stopmite** a feed supplement enhancing the loft's cleanliness and thus has a sound effect on the birds' plumage.

- Stopmite's essential oils are mixed with the feed and excreted through the skin and the respiratory tract after being digested. Your pigeons' droppings, breath and nests will have a particular smell which parasites and various sorts of flying insects will avoid.



- The clay in Stopmite detoxes the body by absorption and neutralises the ammonia in droppings.



300g - 1kg

Stopmite purifies the loft air and makes it less irritating for the respiratory tract

Stopmite creates a parasite-free environment!

Stopmite spreads a very pleasant smell in the loft!

Stopmite is harmless and improves your pigeons' health

### Use:

30 g (= 2 tablespoons) per kg of feed during 2 weeks.

Maintenance: Give 15 g per kg of feed twice a week.

After cleaning the lofts, you can also put a small layer of powder on the floor so pigeon droppings can dry. As mentioned above, a loft rich in clean air and oxygen is highly important.

## PROBLEMS IN THE UPPER RESPIRATORY TRACT?

Problems pertaining to the upper respiratory tracts are always sparked by the rhinitis viral infection, a member of the Pigeon Herpes Virus PHV1. Due to its highly contagious nature basically every pigeon carries herpes antibodies.

After the initial infection (generally during hatching) the repeated flare-ups of this disease will cause the respiratory tracts to become vulnerable to bacterial complications such as mycoplasmosis, trichomoniasis, Staphylococcus aureus, Pasteurella septica and E. Coli.

That is why regular use of antibiotics is not a viable solution as it also disturbs the ecosystem of the intestinal flora. Increasing the pigeon's resistance is much more important in protecting it against repeated flare-ups of PHV1. Strong resistance is paramount.

Pigeons can find their way back home even under the most extreme conditions thanks to the very high functional reserve of their liver. As a result pigeons can dig deep into their reserves both in training and prize-winning races. That causes many fanciers to overlook the symptoms of a developing illness, and that can lead to severe losses (especially amongst young birds). Particular attention should be paid to the triggers of PHV1: stress (basketing, widowhood, etc.), temperature fluctuations, feed, etc. Fanciers also tend to neglect the fact that parasites can play a crucial role in the reactivation of PHV1. Parasites cause chronic stress and overall strain. We often underestimate the negative impact they have on a pigeon's fitness.

Stopmite is highly effective and easy to administer and it provides excellent protection against a wide range of different parasites and flying insects.



***COMED CLEAN LINE***  
PROBIOTIC CLEANING FOR A LOFT  
WITHOUT GERMS



## COMED CLEAN LINE

### PROBIOTIC CLEANING

An innovative and sustainable solution for the increasing resistance to pathogenic bacteria. **Comed Clean** contains good germs that remain on the surface after the cleaning. It is not a disinfecting cleaning product, but a probiotic cleaning product.

Probiotics possess the unique property of *sporulation*. This process ensures that these bacteria survive in poor conditions and resume their activity as soon as the environmental conditions improve.

Disinfectants do not work specifically. They kill both the good and the bad germs. We obtain a surface that is free of microorganisms. As soon as a risky germ reaches the surface again, this germ can recolonise very quickly. Therefore, the effect is short-term and not stable (3 hours!).

Each surface contains a biofilm, an accumulation of microorganisms, kept together by a persistent matrix of proteins and exopolysaccharides (dropping, dirt, feed ...). This is an ideal environment for bad bacteria to thrive. The biofilm works like a shield. Cleaning and disinfecting products have no effect on the bacteria hiding in this biofilm.

Applying the **Comed Clean** line, the surface is coated with a thin layer of probiotics. The cleaned surface is immediately inhabited by good bacteria. The good germs will eat everything, so that nothing remains for possibly pathogenic germs.

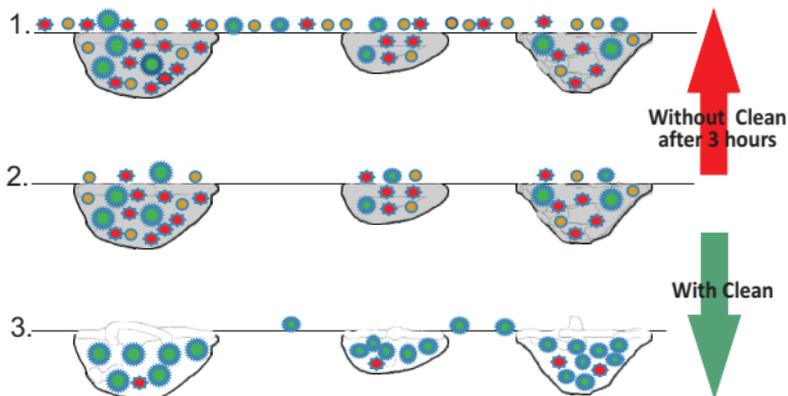
Probiotics remain active for a couple of days, which results in a stable, microbiotic environment. Pathogenic bacteria cannot become resistant to probiotics. This cleaning method is a revolutionary and sustainable concept.

**Comed Clean** works through a unique combination of environmentally friendly detergents, enzymes and probiotics to clean the surface, to remove the biofilm and thus reduce the risk of infection. The probiotics occupy the surface and eat everything.

**Comed Clean** line is an innovative and sustainable solution for the increasing resistance to germs.

*Simultaneous use of biocides (antibiotics, disinfectants, bleach etc.) must be avoided.*





-  good bacteria
-  bad bacteria
-  dirt
-  biofilm

1. BEFORE CLEANING.

2. AFTER CLEANING WITH A CLASSIC DETERGENT.  
**SUPERFICIAL TEMPORARY CLEANING.**

3. AFTER CLEANING WITH **Comed Clean**.  
BIOFILM DISAPPEAR AND DOMINATION OF GOOD BACTERIA.  
**SUSTAINABLE CLEANING.**

# CLEAN FOAM



**Comed Clean Foam** is an innovative and sustainable solution for the increasing resistance to germs. **Comed Clean Foam** is enriched with probiotics and ensures a perfect microbial cleaning and the elimination of the threatening pathogenic biofilm and the unwanted odours. After probiotic cleaning, a healthy microflora remains on the cleaned surfaces. **Comed Clean Foam** can be applied to all water-resistant surfaces. Safe for humans and the environment.

## Use

Shake before use.

Mix 200 ml of **Comed Clean Foam** per 10 liters of lukewarm water. Clean with sponge or brush. Leave on for 10 minutes, then rinse with lukewarm water. Cleaning with a high-pressure spray is also possible; remove excess dirt first. Dilute 200 ml of **Comed Clean Foam** with 10 liters of lukewarm water. Apply foam to the entire surface with the **Comed Clean Foam** and leave it on for 10 minutes. Afterwards, spray with the high-pressure cleaner, preferably with lukewarm water. Before use prepared **Comed Clean Foam** solution remains active for a maximum of 5 days (when mixed with water). Store at temperatures between 5°C and 45°C out of direct sunlight.

# CLEAN SPRAY



**Comed Clean Spray** is a product based on probiotics, used as maintenance treatment. It provides a prolonged effect after cleaning with **Comed Clean Foam**. This nebulisation solution on a probiotics basis ensures the maintenance of an optimal microflora and eliminates unwanted odours. Safe for humans and the environment.

## Use

Shake before use.

Mix 200 ml **Comed Clean Spray** per liter of lukewarm water. Nebulise the lofts with this dilution. The pigeons can stay in the loft during nebulisation long enough to cover the total surface. Between the **Comed Clean Foam** treatments nebulise every 3 days. We recommend daily use for heavily burdened spaces. Before use prepared **Comed Clean Spray** solution remains active for a maximum of 5 days (when mixed with water). Store at temperatures between 5°C and 45°C out of direct sunlight.



# CLEAN ORAL



**Comed Clean Oral** is a product based on probiotics that can be mixed with the drinking water to safeguard the troughs from algae and pathogenic germs. Through the presence of probiotics, a healthy microflora is obtained, whereby the growth of the threatening biofilm is decelerated. Safe for humans and the environment.

## Use

Shake before use.

Mix 1 ml of **Comed Clean Oral** per liter of drinking water in the troughs. Simultaneous use of biocides must be avoided. Before use prepared the Clean Oral solution remains active for a maximum of 5 days (when mixed with water). Resistant to water temperatures between 5°C and 70°C, and with a pH between 5.5 and 9. Store at temperatures between 5°C and 45°C out of direct sunlight.

Use in the bath water is also recommendable.

## PROFESSIONAL EXTENTION POSSIBILITIES FOR THE SCHEMES

You can use **Compound** (in drinking water) together with **Acibloc** (on feed) to tackle muscle acidity and tiredness.

Give **Acibloc** during 3 days after returning home from a very hard race in case of complete muscle acidification.

Use **Tonivit** when there is less daylight or when you darken your pigeons.

**Comed Clean Oral** in the bath water is recommendable.

### TIPPS

#### DOSINGS

<b>Powder</b>	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, Hydracom Iso) has a high specific gravity. For this kind of powder, the weight per soup-spoon is higher.

<b>Liquids</b>	1 the- spoon:	3 ml
	1 coffee- spoon:	5 ml
	1 soup-spoon:	15 ml

## OINTMENT AGAINST SCALY LEGS



20 g



250 g

**SPECIAL TREATMENT AGAINST FOOT WOUNDS**  
Pigeons sometimes have foot wounds. Consequently, they walk poorly and pick their scuta. Comed ointment against foot wounds is the best treatment.

### Use:

Cleanse the pigeons' feet completely with luke-warm water and put a thick layer of ointment on the scab. Carefully brush off the feet to remove the loose scab.

**Attention: Don't pull off the scab!**

Repeat the same process till the crust is gone.





## TREATMENT SCHEMES



## PURIFICATION

➤ DAILY DURING 1 WEEK – THE 3<sup>TH</sup> WEEK BEFORE BREEDING

<b>Winmix</b>	5 g	kg feed
<b>Phytocur</b>	10 ml	2 l drinking water
<b>Cometabol Drain</b>	20 ml	2 l drinking water
<b>ComIn-Cholln</b>	15 ml	2 l drinking water

## BREEDING

### 2 WEEKS BEFORE BREEDING

➤ DAILY

<b>Curol</b>	15 ml	kg feed
<b>Winmix</b>	5 g	kg feed
<b>Cometabol Drain</b>	20 ml	2 l drinking water

➤ IN CASE OF PROBLEMS ( DURING 4 DAYS )

<b>Phytocur</b>	10 ml	2 l drinking water
-----------------	-------	--------------------

### DURING BREEDING

➤ DAILY

<b>Fertibol</b>	30 ml	kg feed
<b>Winmix</b>	15 g	kg feed
<b>Phytocur</b>	10 ml	2 l drinking water
<b>Roni</b>	10 g	2 l drinking water
<b>Fertol</b>	15 ml	kg feed

➤ IN CASE OF HEALTH PROBLEMS

In case of health problems, you can replace Fertol by Curol.

## MOULTING

➤ DAILY

<b>Murium</b>	15 ml	kg feed
<b>Murol</b>	15 ml	kg feed
<b>Tempo 60</b>	5 g	kg feed

## RACING SEASON

### PURIFICATION

#### DURING ONE WEEK

IT IS RECOMMENDED TO REPEAT THE PURIFICATION BEFORE THE RACING SEASON

FROM THE 4<sup>TH</sup> WEEK BEFORE THE 1<sup>TH</sup> RACE TO THE 3<sup>TH</sup> WEEK BEFORE THE 1<sup>TH</sup> RACE

➤ DAILY

<b>Winmix</b>	5 g	kg feed
<b>Phytocur</b>	10 ml	2 l drinking water
<b>Cometabol Drain</b>	20 ml	2 l drinking water
<b>Comin-Cholin</b>	15 ml	2 l drinking water

### BETTER SHAPE

#### DURING 3 WEEKS

FROM THE 3<sup>TH</sup> WEEK BEFORE THE 1<sup>TH</sup> RACE UNTIL THE 1<sup>TH</sup> RACE

➤ DAILY

<b>Winmix</b>	5 g	kg feed
<b>Curol</b>	15 ml	kg feed
<b>Roni</b>	10 g	2 l drinking water

### ADDITIONAL FOR OPTIMAL EFFECT

If the pigeons train too little, **Tempo 60** can be administered until they remain in the air for 45 minutes. The training is a prerequisite for a better shape (formation of myoglobin to hold the oxygen in the muscles). **Tempo 60** ensures that the pigeons train longer.

➤ DAILY

<b>Tempo 60</b>	15 g	kg feed
-----------------	------	---------

## RACING SEASON

### SHORT DISTANCE RACE TO APPROXIMATELY 500 KM

NOTE: EASTWIND = DRYWIND IN EUROPE  
OTHER CONTINENTS: DRYWIND

➤ DAILY

<b>Winmix</b>	5 g	kg feed
<b>Curol</b>	15 ml	kg feed
<b>Roni</b>	10 g	2 l drinking water

### ADDITIONAL FOR OPTIMAL EFFECT

➤ 1 DAY BEFORE DAY OF BASKETING

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Cometose *</b>	15 g	kg feed
<b>Hydracom Iso *</b>	60 g	2 l drinking water

➤ DAY OF BASKETING

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Compound</b>	40 drops	2 l drinking water
<b>Hydracom Iso</b>	60 g	2 l drinking water
<b>Lysocur Eye drops</b>	In eyes and nostrils	
<b>Cometose *</b>	15 g	kg feed

➤ ON THE DAY OF RETURN

<b>Enercom</b>	30 g	kg feed
<b>Hydracom Recup Amino</b>	30 g	2 l drinking water
<b>Hydracom Recup Gluco</b>	20 g	2 l drinking water
<b>Lysocur Eye drops</b>	in eyes and nostrils	

➤ ON THE 1<sup>TH</sup> DAY AFTER RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Enercom</b>	30 g	kg feed
<b>Compound</b>	40 drops	2 l drinking water
<b>Hydracom Recup Amino</b>	30 g	2 l drinking water
<b>Hydracom Recup Gluco</b>	20 g	2 l drinking water
<b>Cometose *</b>	15 g	kg feed
<b>Load Caps * or Load Pul *</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g
<b>Acibloc*</b>	5 g	kg feed

➤ ON THE 2<sup>ND</sup> DAY AFTER RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Enercom</b>	30 g	kg feed
<b>Hydracom Recup Amino *</b>	30 g	2 l drinking water
<b>Hydracom Recup Gluco *</b>	20 g	2 l drinking water
<b>Load Caps * or Load Pul *</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g

➤ INDIVIDUAL TREATMENT FOR PIGEONS WITH PROBLEMS ( DURING 4 DAYS )

<b>Ultracom</b>	Pigeons crouching over
-----------------	------------------------

## MIDDLE DISTANCE RACE 500 UNTIL 700 KM

### ➤ DAILY

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Winmix</b>	5 g	kg feed
<b>Curol</b>	15 ml	kg feed
<b>Roni</b>	10 g	2 l drinking water
<b>Load Caps * or Load Pul *</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g

### ADDITIONAL FOR OPTIMAL EFFECT

#### ➤ 1 DAY BEFORE DAY OF BASKETING

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Enercom</b>	30 g	kg feed
<b>Compound</b>	40 drops	2 l drinking water
<b>Load Caps or Load Pul</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g
<b>Cometose *</b>	15 g	kg feed
<b>Hydracom Iso *</b>	60 g	2 l drinking water

#### ➤ DAY OF BASKETING

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Compound</b>	40 drops	2 l drinking water
<b>Lysocur Eye drops</b>	In eyes and nostrils	
<b>Cometose *</b>	15 g	kg feed
<b>Hydracom Iso *</b>	60 g	2 l drinking water

➤ THE DAY OF RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Enercom</b>	30 g	kg feed
<b>Lysocur Eye drops</b>	In eyes and nostrils	
<b>Hydracom Recup Amino *</b>	30 g	2 l drinking water
<b>Hydracom Recup Gluco *</b>	20 g	2 l drinking water

➤ 1<sup>TH</sup> DAY AFTER RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Enercom</b>	30 g	kg feed
<b>Load Caps or Load Pul</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g
<b>Hydracom Recup Amino *</b>	30 g	2 l drinking water
<b>Hydracom Recup Gluco *</b>	20 g	2 l drinking water
<b>Lysocur Eye drops *</b>	In eyes and nostrils	
<b>Acibloc *</b>	5 g	kg feed

➤ 2<sup>ND</sup> DAY AFTER RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Enercom</b>	30 g	kg feed
<b>Load Caps or Load Pul</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g
<b>Acibloc *</b>	5 g	kg feed

➤ 3<sup>TH</sup> DAY AFTER RETURN

<b>Load Caps or Load Pul</b>	1 caps/100 km	max. 8
	10 g/200 km	max. 40 g

## LONG DISTANCE RACE > 800 KM

### > DAILY

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Winmix</b>	5 g	kg feed
<b>Curol</b>	15 ml	kg feed
<b>Roni</b>	10 g	2 l drinking water
<b>Load Caps or Load Pul</b>	1 caps/100 km 10 g/200 km	max. 8 max. 40 g
<b>Enercom *</b>	30 g	kg feed

### ADDITIONAL FOR OPTIMAL EFFECT

### > 1<sup>TH</sup> AND 2<sup>ND</sup> DAY BEFORE THE DAY OF BASKETING

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Cometose *</b>	15 g	kg feed
<b>Hydracom Iso *</b>	60 g	2 l drinking water
<b>Lysocur Eye drops *</b>	In eyes and nostrils	

### > DAY OF BASKETING

<b>Cometose</b>	15 g	kg feed
<b>Hydracom Iso</b>	60 g	2 l drinking water
<b>Lysocur Eye drops</b>	In eyes and nostrils	

### > THE DAY OF RETURN

<b>Lysocur Eye drops</b>	In eyes and nostrils	
--------------------------	----------------------	--

### > 1<sup>TH</sup> AND 2<sup>ND</sup> DAY AFTER RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Lysocur Eye drops *</b>	In eyes and nostrils	
<b>Acibloc*</b>	5 g	kg feed

### > 3<sup>TH</sup> DAY AFTER RETURN

(\* IN CASE OF TEMPERATURES > 25 °C AND/OR DRY(EAST)WIND)

<b>Acibloc*</b>	5 g	kg feed
-----------------	-----	---------

## LONG DISTANCE RACE – 2 DAYS RACE

➤ DAILY

DURING 2 WEEKS BEFORE THE DAY OF BASKETING AND DURING 1 WEEK AFTER RETURN

<b>Winmix</b>	5 g	kg feed
<b>Curol</b>	15 ml	kg feed
<b>Roni</b>	10 g	2 l drinking water
<b>Load Caps or Load Pul</b>	1 caps/100 km 10 g/200 km	max. 8 max. 40 g
<b>Cometose</b>	15 g	kg feed
<b>Hydracom Recup Amino</b>	30 g	2 l drinking water
<b>Hydracom Recup Gluco</b>	20 g	2 l drinking water
<b>Lysocur Eye drops</b>	In eyes and nostrils	

➤ DURING 3 DAYS AFTER RETURN

<b>Acibloc</b>	5 g	kg feed
----------------	-----	---------

---

### ADDITIONAL FOR OPTIMAL EFFECT

➤ THE 5<sup>TH</sup>, 4<sup>TH</sup> AND 3<sup>TH</sup> DAY BEFORE THE DAY OF BASKETING

<b>Hydracom Iso</b>	60 g	2 l drinking water
---------------------	------	--------------------

## RESTING PERIOD

➤ DAILY

<b>Winnix</b>	5 g	kg feed
<b>Comedol</b>	15 ml	kg feed
<b>Roni</b>	10 g	2 l drinking water

IT IS BETTER TO REDUCE THE DAILY DOSAGE THAN SKIPPING A DAY THE ADMINISTRATION (5 OR 10 g INSTEAD OF 15 g)

**WILLEM DE BRUIJN  
PROBABLY  
THE BEST OF THE WORLD  
SINCE HE IS ON THE COMED  
*RESISTANCE-SELECTION-  
METHOD (RSM)***

**Highlights 2011**

- 090411 STROMBEEK 130KM 6220P. 1,16,31,33,34,38,39,40,41 ETC. 75/104  
160411 NIJVEL 165KM 3176P. 4,18,47,51 ETC 67/104  
230411 MENEN 176KM 3237P. 21,22,27,57,59,60,61,62 ETC. 68/104  
300411 PERONNE 267KM 6222P. 6,7,16,20,21,27,31,47,ETC. 76/104  
070511 NANTEUIL 352KM 2962P. 3,5,8,45,59,69,89,ETC. 47/103  
100511 MANTES LA JOLIE 400KM 5222P. 4,12,13,14,24,32,51,54 ETC. 71/102  
210511 NANTEUIL 325KM. 2630P. 1,10,21,23,28,32,39,64 ETC. 42/98 S-PROVINCIAL 15350P. 3,19,41,45,53,67,83 ETC.  
63/98  
280511 VIERZON NPO 570KM 14964P. 1,2,3,20,21,38,44,59,63,69,70 73/89  
040611 MANTES 400KM 2058P. 23,27,29,45,64,75 ETC. 42/98  
110611 PERONNE 267KM 1265P. 45,58,68,78,98 ETC. 7/11  
180611 SENS 440KM 2384P. 18,19,20,22,26,41,46,54, ETC. 39/90  
260611 CHATEAUX NPO 622KM 11096P. 7,14,73,183,204 ETC. 33/86  
260611 DUFFEL 108KM. 5229P. 1,3,5,6,8,9,10,11,15,24,25,ETC.126/221  
020711 STROMBEEK 130KM. 5051P. 4,5,6,7,8,12,16,28,29,30. ETC. 148/212  
020711 MANTES 400KM. 1197P. 6,8,12,14,15,56,57,58 ETC. 31/80  
090711 ARGENTON NPO 651KM 7584P. 2,174,217,289 ETC. 24/77  
090711 NIJVEL 165KM 4974P. 1,2,3,4,5,6,7,8,9,10,12,14,ETC.129/210  
160711 POMMEROEUL 191KM 4403P. 1,6,7,8,10,11,12,14,ETC 128/209 ALSR FASTEST BIRD OF 13146P.  
160711 NANTEUIL 352KM 1695P. 8,9,24,35,42 ETC. 23/73  
230711 ORLEANS NPO 500KM 5503P. 19,36,52,99 ETC. 26/60  
230711 POMMEROEUL 191KM 2342P. 2,3,4,5,6,8,9,10,12, ETC. 97/209  
300711 PERONNE 267KM 2335P. 2,7,8,12,14,16,17,25,ETC. 100/209  
070811 NANTEUIL NPO 352KM 11787P. 10,11,17,28,30,35,39 ETC. 114/205  
130811 MANTES 400KM 2466P. 15,20,21,22,25,29,36,38 ETC. 69/190  
130811 STROMBEEK 130KM 4854P. 39,40,41,44,45,46,50,51,ETC.55/74  
200811 NIJVEL 165KM 6366P. 1,2,4,5,7,8,9,10,12,13,15,16,17,ETC. 170/228 ALSO FASTEST 2 BIRDS OF 38876P.  
270811 SENS 440KM 1769P. 2,3,5,11,12,20,21,23,24,25,ETC.83/168  
270811 MENEN 191KM 3833P. 13,15,30,46,84,85,89,93,98ETC.43/50  
030911 PERONNE 267KM 2554P. 12,13,14,15,16,17,22,26,27ETC.99/181  
100911 SENS 440KM 2750P.3,8,15,22,25,26,27,36,39,40ETC.64/140 NPO 4765P. 6-15 ETC.  
100911 PERONNE 267KM 2681P. 11,46,88 ETC. 18/30



## Highlights 2012

- 06-05 LILLE-LESQUIN TELETEKST 198 KM. 16450P. 2,3,4,134,137,138,139ETC. 75/104  
19-05 NANTEUIL TELETEKST 352KM. 17186P. 1,42,71,87,91ETC. 71/103 TEVENS SNELSTE VAN 32420P.  
26-05 BOURGES NPO 576 KM. 13592P. 2,61,183 ETC. 34/90  
02-06 MANTES LA JOLIE 400 KM. 10446P. 3,50,84,86,93 ETC. 53/97 TEVENS 3E SNELSTE VAN 20506  
09-06 CHATEAUROUX NPO 622 KM. 9612P. 4,49,50,54,55,63,76ETC. 54/84  
17-06 NANTEUIL 352 KM. 9527P. 4,41,53,66,68,75,78,96ETC. 63/97 TEVENS 4E SNELSTE VAN 18548P.  
23-06 TOURS NPO 594 KM. 11759P. 3,4,7,19,20,21,27,30ETC. 56/93 SEMI-NATIONAAL SECTOR 2 18971P. 5,6,10  
30-06 DUFFEL 108 KM. 6159P. 1,8,9,15,16,17,18,19,20,21 ETC. 144/181 EN 44 BIJ DE EERSTE 100  
07-07 VIERZON NPO 570 KM. 10571P. 13,15,16,37,38,66,67,ETC. 53/86  
07-07 GRIMBERGEN 125 KM. 5780P. 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20, 133/180 EN 45 BIJ DE EERSTE 100  
15-07 NIJVEL 165 KM. 5053P. 1,5,6,7,13,14,16,17,18,ETC. . 113/176 EN 37 BIJ DE EERSTE 100  
29-07 PERONNE 267 KM. 4646P. 6,7,8,9,14,17,25,27,ETC. 124/167 EN 32 BIJ DE EERSTE 100  
29-07 PERONNE OLD 267 KM. 1527P. 6,7,9,12,26,27,28,ETC. 54/84 EN 23 BIJ DE EERSTE 100  
11-08 NANTEUIL TELETEKST 352 KM. 13199P. 8,9,11,17,22,25,30,49,50 ETC. 97/159  
11-08 DUFFEL OLD 108 KM. 1919P. 1,2,39,4,41,44,45,46,47 ETC. 39/65  
18-08 NANTEUIL TELETEKST 352 KM. 10099P. 4,9,10,14,18,36,48,49 ETC. 37/156  
18-08 GRIMBERGEN OLD 125 KM. 1780P.1,2,11,15,22,34,37 ETC. 45/65  
25-08 NIJVEL 165 KM. 3982P. 2,3,5,6,7,8,9,20,22,25,26,28,29,30ETC. 115/149  
01-09 SENS NPO 440KM 4917P. 6,20,39,40,41,45,49 ETC. 50/89 SEMI-NATIONAAL SECTOR 2 13373P. 6 ETC.



# Highlights 2013

- 13-04-2013 Meer 62 km 3062p 2-3-5-7-9-etc. 55/113
- 04-05-2013 Peronne 267 km S-prov. 19278p 1-3-4-9-15-16-17-18-28-29-30-32-33-etc. 100/110
- 18-05-2013 Meaux 368 km S-prov. 12420p 10-13-90-etc 47/108
- 25-05-2013 Chateaudun 503 km NPO afd. 5 en 12 11572p 30-54-56-60-61-68-86-etc. 47/70
- 25-05-2013 Peronne 267 km S-prov. 11930p 1-3-36-etc. 30/37
- 01-06-2013 Sens 440 km Provincial 28.413p 20-54-150-152-etc.62/98
- 08-06-2013 Bourges 576 km NPO and Provincial 9896p 9-20-43-50-etc. 30/60
- 15-06-2013 Nanteuil 352 km S-prov. 8986p 13-14-40-67-68-71-96-etc. 63/89
- 22-06-2013 Argenton 650 km NPO and Provincial 9601p 35-36-71-89-etc. 39/77
- 22-06-2013 Duffel (y) 108 km 4441p 3-4-5-7-15-21-25-29-31-37-59-63-etc.
- 82/206 29-06-2013 Duffel (y) 108 km 4530p 1-2-3-5-7-8-9-13-14-15-19-20-22-23-25-28-29-30-etc. ( 31 top 100)  
102/175
- 06-07-2013 Chateauroux 621 km NPO and Provincial 8864p. 2-8-47-55-65-88-etc. 37/72 National against 49.405p. 7th
- 13-07-2013 Pommeroeul 191 km 4092p. 1-2-3-9-12-21-22-32-43-45-46-48-54-etc. 82/156
- 13-07-2013 Sens 440 km Provincial 14517p 6-7-10-17-25-28-41-72 etc. 48/72
- 20-07-2013 Vierzon 570 km NPO and Provincial 6146p 8-20-57-5-62-91-etc. 27/65
- 20-07-2013 Peronne (y) 267 km S-prov. 10767p. 2-29-33-69-89-etc. 73/146
- 28-07-2013 Pommeroeul 191 km 1386p 3-13-16-57-73-77-80-81-85-90-etc.
- 29/74 03-08-2013 Ruffec 747 km NPO and Provincial 3875p 10-30-70-86-etc. 39/65
- 03-08-2013 Peronne (y) 267 km S-prov. 9015p 2-12-16-17-21-25-27-50-62-66-67-69-81-85-94-etc. 83/142
- 10-08-2013 Morlincourt (y) 301 km 2932p 2-4-7-12-14-15-22-23-30-35-37-40-42-43-49-etc. 79/143
- 10-08-2013 Duffel 108 km 4454p. 4-5-8-10-12-28-31-32-33-36-92-96-98-etc. 58/75
- 17-08-2013 Nijvel 165 km 4514p. 2-54-55-57-80- etc. 49/74
- 25-08-2013 Pommeroeul (y) 191 km 1678p. 3-9-48-49-50-59-60-85-87-90-92-95-etc. 54/132
- 25-08-2013 Pommeroeul 191 km 3440p, 18-19-29-44-51-69-86-etc. 45/74
- 07-09-2013 Peronne 267 km S-prov. 11269p. 18-21-27-31-69-72-78-81-95-etc. 86/160
- 15-09-2013 Mantes la Jolie 400 km Provincial 2050p. 2-3-4-5-6-7-9-10-11-12-14-15-16-17-18-19-20-etc (61 top 100)  
124/160

## Highlights 2014

12-04 ASSE-ZELLIK 134 KM 5659P. 28-35-38-41-42-54-55-57-58-59-6-63 90/108  
19-04 NIJVEL 165 KM 5616P. 1-11-26-279-30-54-55-97 90/108  
03-05 PERONNE 267 KM 951P. 1-5-7-8 5711P. 2-7-9 19537P. S-PROV . 13-20-220 100/108  
17-05 MEAUX 368 KM 17204P. S-PROV. 31-33 76/109  
24-05 BOURGES 576 KM 2284P. 1-12-13 16992 P. NPO 6-55-56-97 48/75  
24-05 PERONNE 267 KM 10629P. S-PROV. 7-93 20/29  
31-05 SENS 440 KM 11608P. S-PROV. 8-24-25-36-64-73-74-76 71/101  
07-06 BOURGES 576 KM 4961P. NPO 14-24-85 26/74  
14-06 NANTEUIL 352 KM 361P. 1-5-7-8-9 7043P. S-PROV 3-15-23-26-37-92 47/76  
21-06 ARGENTON 650 KM 6926P. NPO 9-25-47-64-85 37/75  
21-06 DUFFEL (Y) 108 KM 771P. 1-2-3-4-5-6-7-8-9 5141P. 9-10-12-13-14-18-19-20-21-22- 128/194  
21-06 DUFFEL 108 KM 2015P. 21-26-44 7/10  
28-06 ASSE-ZELLIK (Y) 134 KM 4224P. 1-2-3-5-6-7-8-9-10-11 140/191  
28-06 MANTES LA JOLIE 400 KM 2117P. 1-16-51-57 5940P. S-PROV. 2-19-73-86 27/72  
12-07 SENS 440 KM 6570P. S-PROV. 1-6-12-44-53 35/81  
19-07 VIERZON 570 KM 3865P. NPO 39-72-90 19/57  
26-07 ASSE-ZELLIK (Y) 134 KM 722P. 1-4-5-6-7-8-10 5157P. 8-14-15-16-18-20 117/192  
26-07 NANTEUIL 352 KM 1516P. 26-49-70-80-82-92-93 28/ 56  
02-08 RUFFEC 747 KM 3506P. NPO 9-35-54-55-87-96 25/50  
02-08 QUIEVRAIN (Y) 196 KM 2849P. 1-2-27-59-61-72-82 74/191  
09-08 PERONNE (Y) 267 KM 3839P. 1-5-6-7-10-12-15-26-30 90/173  
09-08 DUFFEL 108 KM 4069P. 20-21-34-43-48-58-61 47/55  
16-08 MORLINCOURT (Y) 301 KM 3609P. 1-2-4-5-6-7-25-26-27-28 96/174



## Highlights 2015

12-04 DUFFEL 107 KM 5064P. 3-6-7-8-9-11-12-12-14-15-17-31-36-41-42-44 109/146  
18-04 ASSE-ZELLIK 134 KM 5671P. 3-15-16-19-89-90-91-92-93-95-96 88/145  
25-04 QUIEVRAIN 196 KM 5392P. 3-18-19-43-44-65-96 65/140  
02-05 PERONNE 267 KM 5435P. 1-4-5-7-9-12-20-27-31-32-33-67-72-97-98 66/139  
09-05 PT.ST.MAX 341 KM 4751P. 4-11-14-15-22-25-84-91-92-96 61/139  
17-05 NANTEUIL 352 KM 4421P. 5-20-29-30-49-51-73-74-81 85/138  
24-05 PERONNE 267 KM 2688P. 1-7-8-11-46-48-58-76-90-92 19/20  
24-05 BLOIS 553 KM 2067P. 16-22-32-34-36-60-67-70-75-76 39/115  
31-05 NANTEUIL 352 KM 3345P. 17-43-53-80-96-97-100 52/110  
06-06 PERONNE 267 KM 2640P. 2-8-11-23-24-53-54-78 16/20  
06-06 VIERZON NPO 570 KM 11506P. 5-7-8-10-11-12-45-55-63-70-76 60/109  
13-06 ST.JUST 401 KM 7316P. 6-7-17-50-51-52-56-57-77-78 57/107  
19-06 CAHORS 910 KM 443P. 2-26 2/12  
20-06 BOURGES NPO 576 KM 9742P. 19-26-37-59-70-87-99 54/87  
27-06 DUFFEL (Y) 107 KM 4239 P. 2-3-4-5-6-7-8-9-10-11-12-13-15-16-28-29 109/215  
27-06 NANTEUIL 352 KM 2520P. 10-26-27-29-31-34-40-41-45-75-88 51/91  
11-07 PT.ST.MAX 341 KM 7614P. 13-23-92-94-95-97 41/97  
18-07 QUIEVRAIN (Y) 196 KM 4452P. 3-7-10-11-13-14-24-25-26-35-36-37 127/197  
26-07 PERONNE (Y) 267 KM 3555P. 9-17-25-26-27-29-50-66-87-89-95-96 79/197  
01-08 RUFFEC NPO747 KM 4133P. 15-92-114-115-133-181-194-196 29/79  
01-08 MORLINCOURT(Y) 301 KM 3542P. 9-10-14-15-16-19-24-26-30-31 83/164  
08-08 DUFFEL 107 KM 4103P. 22-37-39-42-48-57-82 52/74  
08-08 NANTEUIL (Y) 352 KM 3030P. 4-23-25-42-48-49-52-65-74-79-83-95 48/131  
16-08 PT.ST.MAX (Y) 341 KM 2381P. 1-2-3-5-14-15-20-22-23-27-30-32-33 85/159  
16-08 ASSE-ZELLIK 134 KM 3158P. 39-53-74-95 39/68  
22-08 QUIEVRAIN 196 KM 3443P. 13-30-42-47-60-70 44/68  
22-08 PT.ST.MAX (Y) 341 KM 2211P. 5-25-26-60-63-64-66 60/148  
29-08 CHARLEVILLE 255 KM 2552P. 14-26-27-52-58-80-92 32/68  
29-08 TROYES (Y) 421 KM 4147P. 1-2-3-6-7-10-12-24-25-27-29-31-31 74/141  
06-09 DUFFEL (Y) 107 KM 1455P. 2-3-4-5-6-17-19-21-22-28-30-31-32 65/140  
06-09 DUFFEL 107 KM 1251P. 6-13-15-27-31-34-43-52-69-77-83-84-85 31/47  
12-09 ST.QEUNTIN 265 KM 1567P. 13-89-90-94 22/42

## FORMULAS

### Acibloc

Supplementary feed for pigeons . Composition : L-lysine hydrochloride, hydrolyzed collagen, harpagophytum, magnesium oxide. Additives: Pro-vitamins and vitamins per liter: vitamin B1 89 mg , vitamin B2 29 mg, nicotinic acid 1500 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%

### Cometabol drain

Supplementary feed for pigeons . Compositions: sodium chloride, magnesium chloride. Additives: Pro-vitamins and vitamins per liter: vitamin B12 3,3 mg, biotin 333mg. Guarantees: crude protein 8%, crude fat 0%, crude fiber 0, ash 0%, Natrium 0%, lysine 0%, methionine 0%, water 30%

### Cometose

Supplementary feed for pigeons. Composition: fruit 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 10<sup>10</sup> CFU. Guarantees: crude protein 5 % , crude fat 1 % , crude fiber 7 % , ash 11 % , methionine 0 % , lysine 0 % , sodium 3,2 %

### Comin-Cholin B-complex

Supplementary feed for pigeons. Composition: sodium acetate, potassium chloride, calcium chloride dihydrate. Additives:

Vitamines en provitamines per liter: vitamine B1 (3a820) 89 mg, vitamine B2 29 mg, niacinamide (3a315) 1.500 mg, D-panthenol (3a842) 50 mg, vit B6 (3a831) 80 mg, vitamine B12 20 mg, choline chloride (3a890) 113.333 mg. Guarantees: crude protein 0 % , crude fat 0 % , crude fiber 0 % , ash 0,4 % , methionine 1 % , lysine 0 % , sodium 0,04 % , water 50 % .

### Compound

Complementary feed for pigeons. Composition: magnesium L-aspartate, magnesium chloride Additions Vitamins per liter: 80 g l-carnitine. Guarantees: ash 4%, sodium 0%, lysine 0%, methionine 0%, water 55%.

### Curol

Supplementary feed for pigeons. Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil. Additives: Vitamins and provitamins per l: vitamin A (3a672a) 285.000 IU, vitamin D3 (E671) 38.000 IU, vitamin E (3a700) 95 mg. Guarantees: crude protein 0 % , crude fat 90 % , crude fiber 0 % , ash 0 % , methionine 0 % , lysine 0 % , sodium 0 % .

### Enercom

Feed supplement for pigeons. Composition: soy protein concentrate, magnesium oxide. Guarantees: crude protein 95 % , crude fat 1 % , crude fiber 0 % , ash 0 % , sodium 0 % , lysine 5 % , methionine 1%.

### Fertibol

Supplementary feed for pigeons. Composition: calcium phosphate, calcium hydrogen phosphate dihydrate. Additives: Vitamins and provitamins per l: vitamin A (3a672a) 500.000 IU, vitamin D3 (E671) 75.000 IU, vitamin E (3a700) 4.000 mg. Guarantees: crude protein 0 %, crude fat 0 %, crude fiber 0 %, ash 15 %, methionine 0 %, lysine 0 %, sodium 0 %, water 78 %, calcium 4,5 %, phosphor 3,6 %.

### Fertol

Supplementary feed for pigeons. Composition: vegetable oils (sunflower, wheat germ, garlic), fish oi. Additives: Vitamins and provitamins per l: vitamin A (3a672a) 290.000 IU, vitamin D3 (E671) 38.000 IU, vitamin E (3a700) 97 mg. Guarantees: crude protein 0 %, crude fat 91 %, crude fiber 0 %, ash 0 %, methionine 0 %, lysine 0 %, sodium 0 %.

### Floracom

Supplementary feed for pigeons. Ingredients: spring water, sea salt, Organic Molasses \*, extracted from the herbs\*\*: basil, absinthe wormwood, blackberry leaf, Roman chamomile, lavenders leaf, shepherd's purse, marigold, plantain leaf, raspberry leaf, thyme, birch leaf, rosemary leaf, fireweed, white Dead Nettle, elderflower, linden blossom, yarrow, lung herb, marshmallow, lady's mantle, nettle leaves, sage. Feed materials of agricultural origin: 2.745% DS \* Ingredients from organic farms: 2.72% DS \*\* Ingredients from other companies: 0.025% DS Additives: / Safeguards: crude protein 0,2 %, crude fat 0 %, crude fiber 0,2 %, ash 0 %, sodium 0,031 %, lysine 0 %, methionine 0 %, water 98,3 %.

### Forme T

Supplementary feed for pigeons. Composition: sorbitol, glucose, lactose. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0%, sodium 0%, lysine 0%, methionine 0%.

### Hemoglobal

Supplementary feed for pigeons . Composition: vegetable protein, lactose, whey, fruit pulp, potato pulp. Guarantees: crude protein 21% crude fat 0,1%, crude fiber 0,4%, ash 7,5%, methionine 0,3 %, lysine 1%, sodium 0,2% .

### Hydracom iso

Supplementary feed for pigeons. Composition: glucose, sodium chloride, sodium bicarbonate, potassium chloride. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 20%, sodium 7,5%, lysine 0%, methionine 0%.

### Hydracom Recup Amino

Supplementary feed for pigeons Composition: Sodium chloride, potassium chloride, sodium bicarbonate. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 20%, sodium 7,5%, lysine 0,3%, methionine 0%.

### Hydracom Recup Gluco

Supplementary feed for pigeons. Composition: glucose. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0%, sodium 0%, lysine 0%, methionine 0%.

### Load Caps

Complementary feed for pigeons. Composition: fatty acid salts, tricalcium phosphate. Guarantees: crude protein 20%, crude fat 60%, crude fiber 0%, ash 10,5%, Sodium 0%, lysine 0%, methionine 0%.

### Load pull

Supplementary feed for pigeons. Composition: Fatty acid salts, tricalcium phosphate Guarantees: crude protein 20% crude fat 84%, crude fiber 0%, ash 13%, methionine 0 %, lysine 0%, sodium 0%.

### Lysocur Forte

Supplementary feed for birds. Composition: 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 %.

### Murium

Feed supplement for pigeons. Composition: lactose, magnesium glycerophosphate. Additives: Pro-vitamins and vitamins per liter: vitamin B12 3,3 mg, biotin 333mg. Guarantees: crude protein 8 %, crude fat 0 %, crude fiber 0 %, ash 0 %, sodium 0 %, lysine 0,06 %, methionine 6,6 %.

### MuroI

Supplementary feed for pigeons. Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil. Additives: Vitamins and provitamins per l: vitamin A (3a672a) 290.000 IU, vitamin D3 (E671) 38.000 IU, vitamin E (3a700) 97 mg. Guarantees: crude protein 0 %, crude fat 97 %, crude fiber 0 %, ash 0 %, methionine 0 %, lysine 0 %, sodium 0 %.

### Phytocur

Supplementary feed for pigeons. Composition: 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 %.

### Roni

Supplementary feed for pigeons. Composition: glucose, oligosaccharides, yeast. Additives: Microorganisms per kg: bacillus subtilis C-302 (EU 4b1820)  $10 \times 10^9$  CFU . Guarantees: crude protein 0 %, crude fat 0 %, crude fiber 0 %, ash 0 %, sodium 0 %, methionine 0 %, lysine 0 %.

### Stressol

Supplementary feed for pigeons. Composition: vegetable oils (sunflower, wheat germ, garlic), fish oil. Additives: Vitamins and provitamins per l: vitamin A (E672) 295.000 IU, vitamin D3 (E671) 39.000 IU, vitamin (3a700) E 98 mg. Guarantees: crude protein 0 %, crude fat 93 %, crude fiber 0 %, ash 0 %, methionine 0 %, lysine 0 %, sodium 0 %.

### Stopmite

Supplementary feed for pigeons . Composition: glucose, lactose, calcium carbonate, citrus peel. Additives per kg: clinoptilolite von sedimentary origin (1g568) 400 g. Guarantees: crude protein 0%, crude fat 0,05%, crude fiber 0,2%, ash 44%, methionine 0%, lysine 0%, sodium 0%.

### Tempo 60

Supplementary feed for pigeons. 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, manganese sulphate - Mn (E5) 1,3 mg, selenised yeast inactivated (3a811) - selenium 14 mg. Vitamins and provitamins per kg: vitamin A (3a672a) 60,000 IU, vitamin D3 (E671) mg 10,000 IU, vitamin E (3a700) 250 mg, vitamin K3 (3a710) 6 mg, vitamin B1 (3a820) 110 mg, vitamin B2 mg 62, niacinamide (3a315) 250 mg, calcium d-pantothenaat (3a841) 250 mg, vitamin B6 (3a831) 125 mg, folic acid (3a316) 30 mg, vitamin B12 1.25 mg, vitamin C (E300) 1.250 mg, biotin 3,75 mg, choline chloride (3a890) 1.433 mg. Guarantees: crude protein 6%, crude fat 0%, crude fiber 0%, ash 2%, methionine 0,07%, lysine 0,3%, sodium 0,25%.

### Tonivit

Supplementary feed for pigeons. Composition: sodium chloride, magnesium chloride. Additives: Vitamins and provitamins per l: vitamin A (3a672a) 400.000 IU, vitamin D3 (E671) 200.000 IU, vitamin E (3a700) 3.000 mg, vitamin K3 (3a710) 750 mg, vitamin B1(3a820) 1.300 mg, vitamin B2 1.800 mg, niacinamide (3a315) 5.000 mg, D-panthenol 12.168 mg, vitamin B6 (3a831) 820 mg, vitamin B12 10 mg, vitamine C (3a300) 25.000 mg. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0%, methionine 0%, lysine 0%, sodium 0,04%, water 90%.

### Ultracom

Supplementary feed for pigeons. Composition: gluco-oligosaccharides, wheat dextrin, brewer's yeast. Additives: Microorganismes per kg: Bacillus subtilis C302 (EU4b1820) 8 x 10<sup>10</sup> CFU. Guarantees: raw protein 30%, raw fat 1%, raw fibres 40%, ash 3%, sodium 1%, methionine 1%, lysine 2%.

### Vitamin E

Complementary feed for animals. Composition: glucose, lactose. Additives: Vitamins and provitamins per kg: Vitamine E (3a700) 50.000 mg. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0%, sodium 0%, methionine 0%, lysine 0%.

### Vitamin A

Complementary feed for animals. Composition: glucose, lactose. Additives: Vitamins and provitamins per kg: Vitamine A (3a672a) 10.000.000 I.E. Guarantees: crude protein 0%, crude fat 0%, crude fiber 0%, ash 0% sodium 0%, methionine 0%, lysine 0%.

### Garlic

Feed material for animals. Flavored soy oil. Additive: garlic extract. Guarantees: crude fat 100%.

### Wheat Germ oil

Feed material for animals. Vitamins and pro vitamin per liter vit E 2000 mg. Guarantees: crude fat 100%.

### Winmix

Supplementary feed for pigeons. Composition: soy protein concentrate, glucose, fruit pulp, calcium salt of palm oil, manno-oligosaccharides and beta-glucan, sodium chloride, maltrodextrines, 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) 2.000 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, selenised yeast inactivated (3a811) - selenium 13 mg. Vitamins and provitamins per kg: vitamin A (3a672a) 300.000 IU, vitamin D3 (E671) 30.000 IU, vitamin E (3a700) 650 mg, vitamin K3 (3a710) 100 mg, vitamin B1 (3a820) 680 mg, vitamin B2 480 mg, niacinamide (3a315) 1.000 mg, calcium pantothenate 1.087 mg, vitamin B6 (3a831) 550 mg, folic acid (3a316) 33 mg, vitamin B12 1,3 mg, vitamin C (3a300) 10.000 mg, biotin 6 mg. Guarantees: crude protein 25 %, crude fat 12 %, crude fiber 2,8 %, ash 8 %, sodium 1,5 %, lysine 1,2 %, methionine 0,3 %.



PIGEON FROM  
WILLEM DE BRUIJN

## **CONTACT**

O.L. VROUWSTRAAT 2

B-3730 HOESELT

T +32(0)89 51 01 35

F +32(0)89 49 29 52

COMED@COMED.BE

WWW.COMED.BE