



# BEYERS CONDITION & CARE

## RECOVERY



## PREVENTIVE AFTER-CARE, RECUPERATION AND RECHARGING.

Exertion is always followed by a recovery period, followed by a build-up phase leading up to the next exertion. During the racing season, preparation for the next flight starts immediately when the pigeon comes home from the previous flight, or preferably even during the preparatory flights for the actual flights that matter to the fancier.

In many cases, too little attention is paid to the recovery period. There is much more to it than topping up the store of energy and quenching thirst! All of the pigeon's body cells have to be restored to their natural balance.

Recovering from the imbalance. This has to be done before it makes sense to proceed to the build-up phase, focusing on energy by means of carbohydrates (muscle glycogen, glucose) and fats.

### Protein needs or amino acid needs?

Proteins are the body's building materials.

Proteins are made up of amino acids: essential, non-essential and semi-essential. The body is unable to produce essential amino acids. They therefore have to be provided in the diet (pigeon mixtures or supplements).

A biologically complete protein contains all essential amino acids in sufficient quantity to satisfy pigeons' protein needs. In sufficient quantity such that pigeons do not form a reserve of amino acids and there must be a limiting amino acid, that is which is least present in the diet and which therefore determines how much "new" protein can be formed (cf. Liebig's minimum ton).

The limiting essential amino acids for pigeons are lysine, methionine, tryptophan and arginine.

### Vitamins: the more, the better?

Vitamins are vital organic substances which are required only in small quantities in the body. They all have their own specific function and are needed to build up enzymes and co-enzymes.

Vitamins cannot be produced by the body itself and have to be absorbed through diet.

A pigeon's daily vitamin requirements may well increase if extra efforts are called for (during the breeding, moulting or racing seasons), after illness (in the case of diarrhoea, gastroenteritis) or after medication is administered.

### Minerals and oligo- elements

Minerals are very important for a well functioning metabolism. Among other things, they ensure the development of the muscles, bones, skin and feathers and play an important role in various physical processes.

The most important electrolytes for pigeons are: calcium, phosphorus, magnesium, sodium and potassium. This is because there may be a deficiency of these minerals in grain mixtures. Electrolytes speed up recuperation, there is thus no point in administering them for preventive purposes.



## RECOVERY

A PROTEIN PREPARATION (37% CRUDE PROTEIN)

- Contains the main essential amino acids for pigeons such as lysine and methionine to boost the effectiveness of the proteins in the feed.
- For faster recovery after flight and to meet the high protein requirements of pigeons feeding nestlings and their growing young.
- Rich in vitamins (B1-B2-B3-B5-B6-B12-C-E) and minerals (potassium, sodium, phosphorus, magnesium and calcium).
- Contains green tea extract to support the immune system.
- Lecithin ensures that fats present in the blood can be converted into energy more quickly and easily.

### Instructions:

- |                           |                                       |
|---------------------------|---------------------------------------|
|                           | 20 gr / 1 kg feed                     |
| • During breeding season: | 1 x per week.                         |
| • Racing season:          | 1 x per week (the day of homecoming). |

