



# 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.

By making up the deficiencies (proteins, minerals and vitamins) which will have arisen when the pigeon comes home from a prolonged effort with a modified, easily digested, high-protein mix (e.g. ORIGINAL 24- SUPERDIET) together with a suitable supplement, we ensure faster recuperation. Recharging therefore means replenishing the deficiencies arising from exertions. 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.

### 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.



## RELOAD

LIQUID SOLUTION CONTAINING THE MOST IMPORTANT AND ESSENTIAL AMINO ACIDS, ELECTROLYTES, MINERALS AND TRACE ELEMENTS.

- Contains the main essential amino acids for pigeons: lysine and methionine, which boost the effectiveness of the proteins in the feed, and glutamine, which is important for the muscles and is regarded as a major food source for the intestinal cells.
- By eliminating waste products from the body thanks to the addition of choline and by replenishing consumed salts (potassium chloride, sodium chloride) and minerals (calcium, magnesium), this will help your pigeons to recuperate faster.
- Sodium selenite is a source of selenium, which is an essential trace element in the diet and supports good metabolism. Other oligo elements in chelate form (zinc, copper) ensure optimal absorption of the nutrients from the feed.
- Simple (dextrose) and complex sugars (maltodextrin) provide an energy boost after their return.

### Instructions:

- All year round: 30 ml / 2 l drinking water.  
2 x per week. During the racing season: the first 2 days after homecoming.  
Up to 9% of the daily ration.