



# BEYERS CONDITION & CARE

## ENERGY



## ADDED VALUE OF AN OIL MIX?

### Oil mix as an added source of energy.

Prolonged physical efforts make pigeons switch over from burning carbohydrates to burning fat. Fats are the most important source of energy for longer-distance flights. Burning fat also provides twice the energy of carbohydrate and protein in pigeons. An oil mix therefore increases the energy value of feed.

And not just any oil mix is suitable. The balance between the essential fatty acids linoleic\* (Omega 6) and linolenic acid (Omega 3) and the presence of lecithin help to determine the quality of the oil mix as a condition-enhancing preparation

Essential fatty acids\*: unsaturated fatty acids that are vital to good health and that have to be absorbed via feed. Among other things, they increase resistance, improve nerve and brain function and ensure a better feather quality.

### Oil mix for an optimum balance of Omega 3/Omega 6 fatty acids.

Most grains and seeds contain too little Omega 3 fatty acids. Therefore, a high-quality oil mix has to be composed with the inclusion of vegetable oils that supply the extra Omega 3 fatty acids (e.g. linseed oil, rapeseed oil, soya oil, peanut oil) and animal fats with a high content of Omega 3 fatty acids (e.g. cod liver oil, fish oil)

### Addition of lecithin as an emulsifier for better digestion of fats and as a fat transporter in the body.

Since pigeons have no gall bladder and therefore no bile and because fats are not soluble in water, an emulsion is required so that fats can be digested in the small intestine. Lecithin fulfils the role of an emulsifier and therefore has to be supplied to pigeons via their feed. Soya, sunflower seeds and rapeseed contain relatively high concentrations of lecithin, however, they are not present in sufficient quantities in every mix or pigeons sometimes absorb too little of them. Lecithin also ensures that fats present in the blood can be converted into energy more quickly and easily.

### Oil mix as a provider of vitamins and minerals.

All base oils – also known as carrier oils – are cold pressed, unprocessed and 100% pure and still contain all their vitamins and minerals.

It is important for the oil to be cold pressed. All vegetable oils that are not explicitly labelled as cold pressed are dead in terms of energy and also go bad quickly (become rancid).

### Enriched with vitamin E

Vitamin E is a fat soluble vitamin, acts as an antioxidant and thus protects cells, tissues and organs from free radicals. As an antioxidant, it increases sex drive and therefore improves breeding results.



## ENERGY OIL

COLD PRESSED OIL MIX MADE FROM LINSEED OIL, COD LIVER OIL, FISH OIL, SOYA OIL, RAPESEED OIL, PEANUT OIL ENRICHED WITH LECITHIN (33%) AND VITAMIN E.

- Contains a balanced combination of very high quality oils (vegetable and animal), which are particularly rich in the essential fatty acids linoleic and linolenic acid, tailored to the needs of pigeons.
- Lecithin ensures that fats present in the blood can be converted into energy more quickly and easily.
- Lecithin is rich in choline, helping to prevent a fatty liver.
- Supplier of extra energy for flight and to promote the formation of soft feathers during the moulting season.
- Enriched with vitamin E. A fat soluble vitamin that acts as an antioxidant and thus protects cells, tissues and organs from free radicals. As an antioxidant, it increases sex drive and therefore improves breeding results.

### Instructions:

- During racing and moulting season : 15 ml / 1 kg feed  
1 or 2 days per week  
(racing : preferably 1 or 2 days before basketing)
- During breeding season: 3 x per week from 14 days before mating  
until the eggs have been laid.

