

# PRODUCT SHEET KOMECO BIO FERTILIZER

**Komeco Bio Fertilizer is an organic fertilizer based on 100% composted, organic chicken manure.**

Because Skal wants to keep the organic certified manure which has been produced in the Netherlands in the organic cycle. Therefore the fertilizer may only be supplied to biologically certified companies on presentation of a valid certificate.

**Effect** | The organic matter in Komeco's Bio Fertilizer provides an airy soil structure through which crops can root more deeply. In addition it improves the soil structure and -fertility. Komeco's Bio Fertilizer ensures a balanced soil life with a rich addition of nitrogen, phosphate, potassium and other elements such as magnesium, calcium and trace elements. The water retaining capacity is up to three times its own weight and ensures the pellet to be distributed and absorbed properly by the soil. This will save significantly on water consumption.

**Pellet diameter Ø** | 5-6 mm

## Average composition

Dry matter	88%
Moisture	12%
Organic matter	60%
Humic acids	5%
Fulvic acids	10%
PH (10% solution)	6,4%
C/N org.	9
Nitrogen (total)	3.5 %
Nitrogen (organic)	3.1 %
Nitrogen (ammonium)	0.4 %
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	3.0%
Potassium (K <sub>2</sub> O)	2.5%
Magnesium (MgO)	1.3%
Calcium (CaO)	10.0%

## Trace elements

Iron (Fe)	1,000 mg/kg
Magnesium (Mn)	500 mg/kg
Zinc (Zn)	420 mg/kg
Copper (Cu)	105 mg/kg
Boron (B)	50 mg/kg
Molybdenium (Mo)	11 mg/kg
Cobalt (Co)	2 mg/kg

**Storage advice** | Komeco Bio Fertilizer can be packed and stocked for a longer period in a well ventilated and moisture free environment

**Preservability** | Approximately 5 years.

**Certifications** | Komeco Bio Fertilizer is a product of Komeco B.V. and certified by Skal as an A-fertilizer for use in organic farming.

**Packages** | Komeco Bio Fertilizer is available in big bags of 1,000 kg. Please contact us for the delivery possibilities.

**KOMEKO**  
ORGANIC FERTILIZERS

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**Advice dosages** | Below you will find the recommended amounts for different cultivations.

Gewas	Dosering bodem
Asparagus	1,500 - 2,000 kg/ha
Cabbage	1,000 - 1,250 kg/ha
Carrots	1,000 - 1,250 kg/ha
Chili pepper	1,250 - 1,500 kg/ha
Cucumbers	1,200 - 1,500 kg/ha *
Eggplants	1,200 - 1,500 kg/ha *
Flowers	2,000 - 3,000 kg/ha
Fruit trees	2 - 4 kg/tree
Grapes	250 - 500 gr/grapevine
Lawns / sports fields	1,000 - 1,500 kg/ha
Leek	1,000 - 1,250 kg/ha
Lettuce	1,000 - 1,200 kg/ha
Melons	1,200 - 1,500 kg/ha *
Olive trees	2 - 5 kg / tree
Onions	1,500 - 1,800 kg/ha
Peppers	1,200 - 1,500 kg/ha *
Potatoes	800 - 1,200 kg/ha
Strawberries	1,500 - 2,000 kg/ha *
Tomatoes	1,200 - 1,500 kg/ha *

*\*Double the quantities for crops in greenhouse horticulture.*



Komeco Bio Fertilizer can also be used for localized application. Please note that the exact dosage depends of the soil condition.

**Instructions** | We recommend to apply the pellets every year so the soil will receive an optimum (so called) plate of food. In this way it can rotate in the cropping plan and then every crop will benefit. We advise to spread yearly an average of 1,000 - 1,250 kg per hectare (which means 300 - 400 kg organic matter). The pellets are easy to spread out with a fertilizer spreader or pendulum spreader. The pellets are applicable for every type of soil and all year round (with the exception of frost in the ground).

**How does the pellet work after spreading?** | The nutrients of Komeco Bio Fertilizer will release slowly, making them available for the crop during cultivation. The pellets have thus a long-lasting effect and high effectiveness. Around 60% of the nitrogen will be released during the crop cycle. The rest is retained in organic matter and will be released later on. In case of potassium more than 90% will become available shortly for the crop. The availability of phosphate increases by 33%. Phosphate is an element that reacts easily with other elements in the soil and is quickly captured. The application of Komeco Bio Fertilizer not only increases the availability of nutrients, but also the trace elements. For Calcium, 60% is released within the first three months and for magnesium, this is 100%. Please note that the release of nutrients and trace elements is also depended of temperature and humidity.



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