



85% eco-friendly

Natupol - Bumblebee hives with a sustainable future

More eco-friendly, less waste

KOPPERT
BIOLOGICAL SYSTEMS



Sustainable future

Koppert is committed to contributing towards a healthy environment by reducing waste as much as possible while using 100% eco-friendly materials for its products. To support this commitment, the company set up a Sustainability Agenda with specialized Sustainability Focus Groups in 5 key operational and production areas. Our Natupol hives fall directly under the Packaging & Raw Materials Group and a great deal of progress is being made towards using only renewable or recycled materials by 2030. To achieve this the company requires continuous R&D and strategic sustainable development with goals such as significant waste reduction, the use of eco-friendly materials for its products, 100% renewable energy for most of the production process, and a 52% reduction in our carbon footprint (in both production and transportation).

Low environmental impact

In anticipation of national and international sustainability legislation, such as the EU waste legislation* that came into effect on 4 March 2019, steps have been made to reduce any negative impact of the Natupol hives on the environment. The recycled plastic liner is the latest Natupol hive product update. Continuous R&D innovation to reduce Koppert's ecological footprint and a growing demand for more sustainable hives from our growers themselves, have resulted in hives that are now eco-friendly when it comes to the recycled materials used to produce them.

* https://ec.europa.eu/environment/topics/circular-economy/first-circular-economy-action-plan_nl

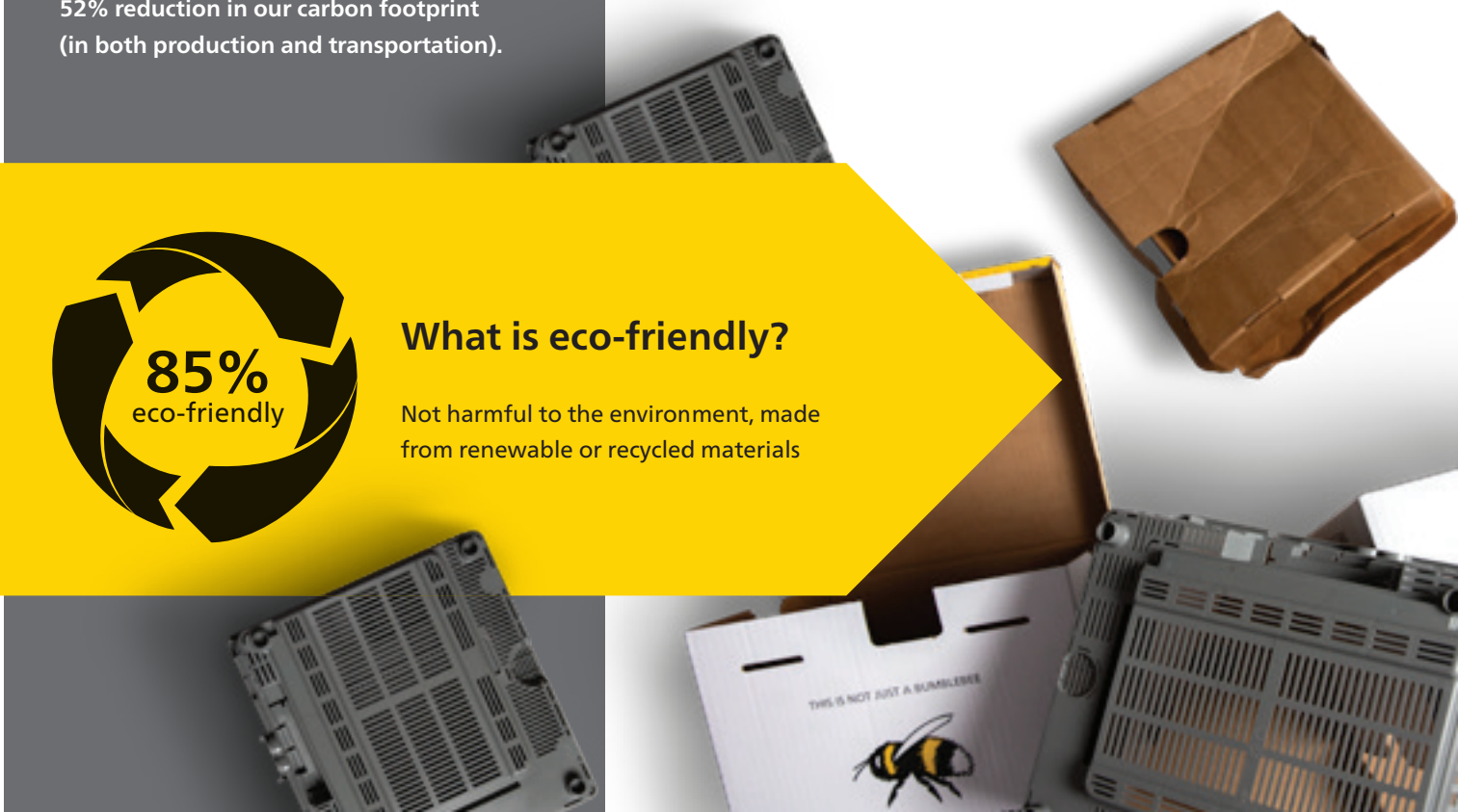
Why Natupol is

- Generally**
The eco-friendly hive complies with EU regulations and use 100% recycled materials.



What is eco-friendly?

Not harmful to the environment, made from renewable or recycled materials



Hives undergo sustainability improvements

The cardboard used for the Natupol range of bumblebee hives has been made from recycled paper for some years now. More recently, the plastic components of the hive, such as the 'bee home' door and the inner lining of the hive have been produced from post-consumer recycled plastic waste.

This means the Natupol hive is now mainly made from renewable or recycled materials. This brings us a step closer to our mission to replace non-renewable plastics with eco-friendly materials and reduce the amount of waste issues for growers.

The post-consumer recycled plastic used for the Natupol hives is of a high-quality grade and has been thoroughly tested to secure both functionality of the product and the needs of the bumblebees. Our supplier declares that it "reduces the environmental impact and the carbon footprint by 52%, compared to traditional, virgin plastic products". The plastic liner of Koppert's Natupol hives is now made of 100% recycled plastic.

This new product update is the next step towards a 100% eco-friendly hive!

the most eco-friendly hive?

2 **Cardboard**
The cardboard of the hive is produced from recycled paper and can be recycled or composted.

3 **Plastic liner**
The plastic liner is now made of 100% recycled plastic. This results in an average CO₂ reduction of 52%, compared to virgin polymers. During most of the production processes of the liner, locally produced green electricity is used, lowering the carbon footprint by a further 10%.

4 **Printing ink**
The ink used on the exterior of the packaging is free of heavy metal substances.



'The eco-friendly Natupol hive offers the same effective pollination result what we are used to.'

Anne Goyer, Serres de la Chapelle

The world needs 100% sustainable horticulture and agriculture. We believe that we can find solutions for the challenges of the future and provide food security by working sustainably in partnership with nature.

