

# Natupol<sup>®</sup> Excel



## This is not just a bumblebee This is Natupol<sup>®</sup> Excel

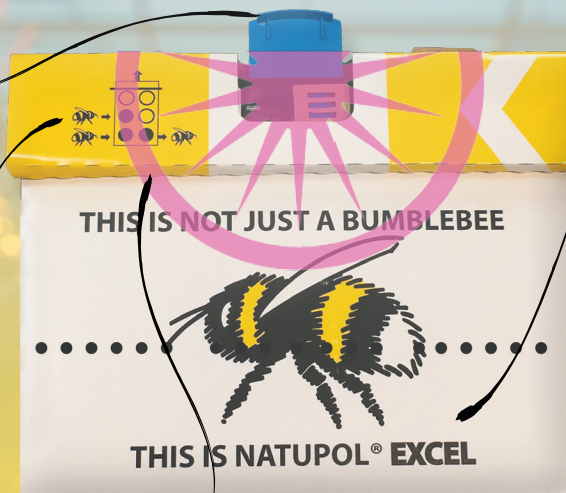
Innovation is one of our core values, which is why our continuous research with and for our customers over the past two decades has led to a newly developed bumblebee hive. The new hive, Natupol<sup>®</sup> Excel, features improved functions to solve present and future challenges.

### BLUE DOOR

The new blue door helps bumblebees with better return flight orientation.

### SINGLE BOX

New single box design reduces production energy and reduces cardboard waste.



### INSULATION

The hive is equipped with a sophisticated integrated insulation system, (around and under) the brood. This means that the bumblebees need to spend less time and 20% less energy controlling the internal microclimate, resulting in more efficient and effective pollination activity.



Technicomb pad (cardboard)

### BEE VISION

Printed on the box are special UV orientation patterns that are invisible to the human eye but much appreciated by the bumblebee. This increases the efficiency in low light conditions. This new innovative solution is based on extensive research which helps bumblebees during unfavorable conditions.



Human vision



Bee vision



### ENVIRONMENTAL CHANGES

Koppert Biological Systems is always working with nature for a healthy and sustainable partnership. The cotton has been changed to a recyclable paper material. Also, the Styrofoam material used previously is now cardboard.



Cellulose wadding (paper)