



Koppert

# Pollination at maximum speed

Natupol Sprint



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## Natupol Sprint

Pollination challenges for growers in a hot climate are now a thing of the past. Our newly developed product - Natupol Sprint - has been specifically developed to offer an intense and very effective pollination boost during the hottest days of the year.

Crop production must meet the demands of feeding a growing population in an increasingly changing environment amid the uncertainties that result from climate change. There is a pressing need to adapt farming practices to meet these challenges. At Koppert we understand the challenges that growers face in different climates and we continuously search for innovative solutions to solve current horticultural and agricultural problems. We listen to growers and find sustainable solutions in partnership with nature.

We know that high temperatures not only affect plants but pollination as well. Our research shows that at temperatures of more than 30°C, pollination declines; and that when temperatures reach above 32°C, there are severe implications for both yield and quality. Our aim is to solve such challenges.

### Excellent results with Natupol Sprint in hot periods

A new addition to the Natupol portfolio - Natupol Sprint - has been specifically developed to offer a very intense and effective pollination period during unpredictable heatwaves or during the hottest days of the summer season especially in the Mediterranean region.

Natupol Sprint has unique qualities to offer:

Immediate pollination results

Intensive pollination at the start of introduction

Best solution for temperatures above 30 °C

Natupol Sprint is the next step from Natupol Extra which was introduced to Spanish growers in 2021 when Koppert listened to growers and developed a tailor-made solution for their pollination issues. The hive is best suited for key crops such as round, beef and plum tomatoes and other vegetables or fruit crops.



Partners  
with Nature

### Powerful hive does the job

Natupol Sprint bumblebees are housed in a small hive and eager to pollinate your crop immediately after introduction. The hive contains a large bumblebee brood and approx. 100 workers and sugar water to supply their energy.

The lifespan of the hive is 3-4 weeks. After 3-4 weeks growers need to switch to another Natupol Sprint, Natupol or Natupol Excel for further pollination.

### Best practice advice

Natupol Sprint hives should not be stored for any period of time. We recommend immediate use after the receipt from the producer. To guarantee the best pollination results, start using the hive on the day of arrival.

Keep hives in a well ventilated environment, out of reach of direct sunlight.

### A complete package for a temperate climate with hot periods:

Besides Natupol Sprint, Koppert has two other pollination products, which are suitable for a temperate climate, offering growers a complete pollination package. This gives growers the benefit of choosing exactly the right product for the right moment.

### Natupol Excel

Natupol Excel is specifically developed for crops with a high number of flowers (35 or more blossoms per m<sup>2</sup> per week). Suitable for (cherry or snack) tomatoes, (straw)berries and for crops grown in a warmer environment. The hive has a larger volume of sugar water in line with the pollination needs of the crop, increasing the overall potential and giving bumblebees more energy for controlling their own micro climate. The hive houses a larger colony. As the colony is larger and therefore requires more cooling, the ventilation openings have been modified to ensure better ventilation. Natupol Excel colonies with a long lifespan offer more pollination hours.

### Natupol

This product sets the global standard for natural pollination. Natupol is supplied in a hive with one colony comprising a queen, a batch of eggs and sugar water. It ensures three to eight weeks of pollination. Depending on the percentage of flowers open at the time, Natupol can be used for areas measuring between 2000 m<sup>2</sup>. Natupol can also be used in outdoor crops.

Characteristics	Natupol Excel	Natupol	Natupol Sprint
Start of pollination (introduction)	3 days after introduction	3 days after introduction	From the moment of introduction
Optimum pollination activity	5-7 weeks	5-7 weeks	3-4 weeks
Best solution for temperature	12-30°C	12-30°C	Above 30°C
Storage time	1 day	1 day	No storage
Optimum pollination activity	80-110 workers	60-80 workers	Large quantity of workforce



### **The best value available**

Natupol colonies are available throughout the year and have a short delivery time. Continuous innovations in development and production ensure that Natupol products continue to be the standard for quality at the highest level in the market. Our tests prove that Natupol bumblebees grow bigger, are more vital, and perform the best in a variety of crops. Natupol colonies are also much larger and therefore achieve maximum pollination. All in all, Natupol offers you the best value available for your crop.

### **Global market leader**

Koppert is the global market leader for natural pollination with bumblebees.

We achieved this position thanks to our constant focus on development, quality and service. All over the world, growers of more than 120 different crops work with Koppert bumblebee colonies.

### **The most reliable supplier**

We focus on reliability. Providing your order in good time, combined with the highest availability of Koppert hives, the bumblebees are always delivered on time. We provide extensive service to bumblebee colony users. With the latest knowledge and tailored advice, and with more than 400 Natupol consultants worldwide, we ensure that you achieve the maximum profit from our hives.