

PROVEN RESULTS IN HIVES:⁵

BROOD INCREASE: MegaBee tripled brood production and was four times more effective than other products.¹

INCREASE IN ADULT POPULATION: Results achieved with MegaBee were 30% higher compared to sugar syrup alone.¹

With the same amount of food consumed, MegaBee created more brood than its competitors. This is due to the superior nutritional quality and better digestibility of MegaBee compared to other products.¹

BEE LONGEVITY: MegaBee showed results 20% higher than the group fed with pollen, while the control group and that of the main competitor died much earlier.²

ANALYSIS OF HYPOPHARYNGEAL GLANDS: After 4 weeks of study, the only viable hypopharyngeal glands were those of bees fed with MegaBee. These bees were still producing royal jelly after 4 weeks!²

TOTAL PROTEIN CONCENTRATION IN HAEMOLYMPH: After 60 days of in vitro study on newly emerged bees, the MegaBee group showed a higher protein concentration in the haemolymph than natural pollen. In other groups, protein levels had already collapsed after 30 days.²

1. Gloria DeGrandi-Hoffman et al., Comparisons of pollen substitute diets for honey bees: consumption rates by colonies and effects on brood and adult populations (2008)
2. G. Wardell - Study report (2007)

MIX, FEED, DIVIDE, REPEAT

HOW TO USE MEGABEE:

Protein patty: Mix 200g of MegaBee with 200ml ≈ 235g of heavy syrup (2:1) and 15g of vegetable oil to prepare a 450g protein patty (recommended usage).

Liquid food: Dissolve 1kg of MegaBee in 15kg of heavy syrup (2:1).

Directly as powder: It's possible, but less efficiently absorbed by the bees.

WHEN TO USE MEGABEE:

In early spring, to develop the colony and increase the strength of the hive.

In autumn, to prepare the hives for winter.

In stressful conditions:
For example, when natural resources are insufficient (drought, poor flowering, low-quality pollen...) or during yellow-legged hornet predation.

RECOMMENDED FEEDING DURATION FOR MEGABEE:

Providing protein patties to the colonies for 6 weeks ensures sufficient time for the larvae to develop, become workers, and raise another generation of young and healthy bees. The new generations of bees **boost hive growth** and allow it to recover or reproduce successfully.

It is crucial not to stop providing patties before the end of the 6 weeks, because in the absence of natural resources, if the bees sense they do not have enough to **adequately feed the brood**, they will eventually cannibalise or remove it.

- Available in 2kg bags, 20kg bags, or 680kg bulk bags.

- Shelf life: 3 years from the date of manufacture.

You will need approximately 200g of MegaBee per protein patty.



Check out
our distributors at
www.veto-pharma.eu



Any questions
about MegaBee?

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MEGABEE.

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THE MEGA PROTEIN SUPPLEMENT FOR HONEY BEES



POWDER
WITH
46%
PROTEIN

- Increases royal jelly production
- Boosts brood production
- Enhances bee longevity
- Micronized particles for maximum absorption



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GET THE MOST OUT OF YOUR HIVES WITH A SUPPLEMENT THAT TRULY WORKS.

One day, a professional beekeeper in the United States approached **Dr. Gordon Wardell**, an expert in bee nutrition and researcher at the USDA. He asked him to create the best protein supplement on the market, one that bees would consume **without any waste being left** at the bottom of the hive.

After **7 years of research**, **MegaBee** was born. Since then, it has conquered thousands of hives worldwide. Whether in the United States for almond pollination or in New Zealand for Manuka honey harvesting, all beekeepers agree on one thing: **MegaBee is the best protein supplement they have ever tried.**



QUALITY NUTRITION

- ✓ Made from high-quality proteins
- ✓ Free from animal-based ingredients
- ✓ Highly palatable
- ✓ Balanced amino acid profile
- ✓ Very fine particle size for better absorption
- ✓ Manufactured in the European Union
- ✓ Free from antinutritional factors

MegaBee is the stimulant that bees need to initiate, maintain, or enhance their production. It provides the essential proteins, vitamins, lipids, and minerals necessary for the proper development of larvae.

MegaBee supplies the bees with all 10 essential amino acids in the correct proportions, mimicking the best sources of pollen.

**NATURAL
INGREDIENTS
HIGHLY PALATABLE**
GMO-FREE,
SOY-FREE AND
EGG PROTEIN-FREE.

MEGABEE HELPS YOU TO 1,2,3,4 :

- ✓ **STIMULATE** the growth of hypopharyngeal glands
- ✓ **ENCOURAGE** queen laying
- ✓ **STIMULATE** brood production and hive growth
- ✓ **STRENGTHEN** the bee colony's immune system
- ✓ **INCREASE** the colony's lifespan
- ✓ **IMPROVE** wax and honey production

GIVE YOUR BEES WHAT THEY TRULY NEED.

In developing **MegaBee**, the goal was to create a supplement that is both **palatable, highly digestible, and nutritionally complete** to mimic pollen.

Dr. Wardell conducted tests by presenting **hundreds of different ingredients** to the bees. Then, the formulation was fine-tuned to provide an **ideal pH** for the bee's gut and a **perfectly balanced** amino acid profile.

The result is a product free from animal-derived ingredients and devoid of artificial colors or flavors.



“They have wings, we can't force them to eat... so let's give them what they want.”

WHEN IT COMES TO NUTRITION, SIZE MATTERS.

Have you ever fed your bees with a protein patty and noticed waste at the bottom of the hive or at the entrance? This doesn't happen with **MegaBee**.

One of the keys to **MegaBee's** success lies in its **ability to be quickly absorbed** due to the unique size of its particles. Each batch of **MegaBee** undergoes a meticulous grinding process, ensuring it is rapidly broken down and easily absorbed into the bees' digestive system. Additionally, it **offers better solubility when mixed with syrup**.



REDUCING PARTICLE SIZE

MAXIMIZE NUTRIENT ABSORPTION

BETTER COLONY DEVELOPMENT AND RETURN ON INVESTMENT

RAISE BROOD LIKE NEVER BEFORE

This study was conducted in collaboration with the USDA - United States Department of Agriculture - **to examine the performance of dietary supplements in the field.**⁴



MegaBee's ability to increase brood production and overall hive performance comes from its capacity to stimulate royal jelly production in nurse bees. By optimizing the production of hypopharyngeal glands, **MegaBee** boosts the amount of royal jelly produced, which in turn raises the protein levels within the hive. **With the same amount of food, MegaBee delivers a much higher yield compared to competitors.**

EXTEND THE LIFESPAN OF EACH BEE BY 20%⁵

The secret to the **longevity of honeybees** lies in **increasing protein levels in aging bees**. Adult bees stop assimilating proteins once they become foragers, typically around 3 to 4 weeks after their birth. By feeding the colonies with **MegaBee**, **royal jelly production in the colony is increased**. Nurse bees then begin **sharing the excess royal jelly with the adult bees**, boosting their protein levels and extending their **lifespan** by about 20%.

Since foragers live longer, younger bees no longer need to transition as quickly. **The more overlap there is between generations, the larger the colony grows, and the higher the production. It creates a virtuous cycle!**

PROTEIN = LONGEVITY

1. Somerville D.C. (2005). Fat Bees Shiny Bees - a manual on honey bee nutrition for beekeepers. Goulburn, Australia: Rural Industries Research and Development Corporation Report: Project No. DAN-186A, 142 pages.
2. Di Pasquale, G., Salignon, M., Le Conte, Y., Belzunces, L.P., Decourtaye, A., et al. (2013) Influence of Pollen Nutrition on Honey Bee Health: Do Pollen Quality and Diversity Matter? PLoS ONE 8(8): e72016. doi:10.1371/journal.pone.0072016.
3. Dolezal, A.G., Toth, A.L. (2018). Feedbacks between nutrition and disease in honey bee health. Current Opinion in Insect Science 2018, 26:114–119. <http://dx.doi.org/10.1016/j.cois.2018.02.006>
4. Otros productos de las pruebas no aparecen por su nombre comercial, sino que se describen como «Dieta A» o algo similar, por respeto a los productos y sus empresas. Gloria DeGrandi-Hoffman et al., Comparisons of pollen substitute diets for honey bees: consumption rates by colonies and effects on brood and adult populations (2008).
5. MEGABEE STUDY REPORT by Dr Gordon Wardell, 2017.