

HBee

Apiculture



Julie, 2017

Product/Services

Products

- ◇ Queen bees inseminated naturally
- ◇ Queen bees inseminated in a controlled environment
- ◇ Virgin queen bees
- ◇ Queen cells

Services:

- ◇ Training

Our company

The company was founded with the belief that the bees play a key role in the food production chain, after investigating what industry could intervene in a higher percentage.

Founded in 2016 by Huguette Bandet Rivera after having read about the importance of this wonderful insect in the world economy, its care, and the bees' reproduction to continue the food cycle of the world.

I was amazed by the bees and their noble function. Mario Flores taught me about bees and made sure

that I got my first beehives.

This company that advocates for fair trade and gender equality among its values, hopes to generate a contribution in the improvement of the species.



Why Chilean queen bees

Our bees have been the result of several crossings between *Apis mellifera mellifera* and the Austrian carnio-lan bee introduced in Chile.

The crossing between both has given us a bee with special adaptation characteristics to the climate of south-Chile, both to the temperatures, the humidity and the type of flora.

Our bee has a physique that allows it to reach the pollen of numerous native flowers.

TAXONOMY

| | |
|-----------|---------------------|
| Kingdom | Animalia |
| Phylum | Arthropoda |
| Class | Insecta |
| Order | Hymenoptera |
| Suborder | Apocrita |
| Family | Apidae |
| Subfamily | Apinae |
| Tribe | Apini |
| Genus | Apis |
| Species | A. Mellifera |



HBee

Our Products



“ This carniolan queen bee is characterized by its big size, dark color, short fur and big tongue”

The carniolan honey bee (*Apis mellifera carnica*) is a subspecies of the western European honey bee. Native to Slovenia, it has a natural geographical distribution area that covers Austria, part of Hungary, Romania, Croatia, Bosnia and Herzegovina and Serbia. It was introduced by man in other countries and continents, like Canada, United States and Chile,

among other countries.

In Chile the carniolan bee has adapted easily to the environmental conditions, has mixed with the naturalized bees, which has favored its adaptation to conditions with cold and high temperatures, and especially the characteristics of meekness, hygiene, and honey production.

Its characteristic dark color with gray marks on its stomach, stripes of a lighter chestnut and of very short fur.

It easily reaches the nectar of the flowers such as clover thanks to its tongue that can reach 6.7 mm, it gets to the conical myelatos, all this allows them to generate a good honey production in spring and summer.

Products and Services

QUEEN BEES INSEMINATED NATURALLY

This queen bee is characterized by its big size, its dark color, short fur and big tongue which facilitates the access to extract pollen from the clover flower where other honey bees cannot reach. Inseminated with drones from the same species, the area is isolated thanks to natural barriers.

QUEEN CELLS

We offer an alternative which is to make a change in your apiary in order to acquire a future queen.

It is important to make a change and make sure that the characteristics are preserved, this alternative, although inexpensive, implies great risk because you must wait for its

birth and fertilization. There is a percentage of queen bees that don't return to their hive after their nuptial flight.

VIRGEN QUEEN BEES

Another of the alternatives we offer allows you to make replacement of bees at a cost less than a fertilized queen. The percentage of queens that do not return after their nuptial flight has to be considered.

Honey:

Our honey is multifloral, processed in our own harvest room. Both the honey and the harvest room are certified, the production is organic.

SERVICES:

Technical advices:

We know that it is great work to professionalize the beekeeping industry and this is why

we want to join this work by providing advice to beekeepers who so require, with standards of management and good practices as well as, not less important, fair trade.

Training:

Through theoretical and practical workshops we hope to pass on knowledge and management techniques to other beekeepers in the area and in the country.





Investigation

Quality of our products genetically proven

When we started our company it was difficult for us to find centers in Chile that carried out genetic studies of our bees, but looking a little bit more we found out that the investigation centers mostly were concentrated in the universities and with very few in the apiaries. The investigation carried out by each beekeeper is not on a high level, and is mostly related to the observa-



tion and microscopic analysis. This led us to conclude that we should genotypically investigate the type of bees we had and until that moment improve the basis phenotypical analysis.

Our goal is to enable a laboratory of genetic analysis and diseases that will allow us to continue advancing with more accurate information.

“The investigation is a very important part of a region’s progress”

The Company

Founded in 2016 by Chilean Hugette Bandet Rivera, who begins to learn about the role of the bees in the ecosystem and decides to create a bee company convinced that bees are one of the most important indicators of environmental balance in the world and that beekeeping as an activity helps to have sustainable livelihoods.

This company advocates to be an apiary dedicated to make selection and improvement of the type of carniolan bee, to reproduce queen bees through fair trade and gender equality.

This company hopes to generate a contribution to the environment and to society as a whole.

The apiary is installed next to the house in the commune of Talagante, a climatically privileged place for the collection of nectar and pollen until the fall.



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