## INSTRUCTIONS FOR THE USE OF THE BUMBLEBEE HIVE

- The hive should be introduced to the crop only after the first flowers bloom and a pollen presence is ascertained
- Ensure that the structures cover does not include UV radiation filters

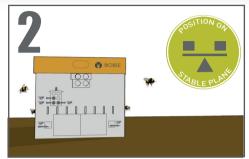
# **RECIEVING AND POSITIONING THE HIVE**



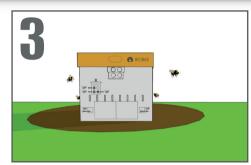
Place the hive in a prominent place in the greenhouse, well-ventilated and shaded. It's important that the hive not be exposed to direct sunlight



Do not place the hive near a heat emitting source



The hive should be placed on a stable plane. Prevent ant access to hive.



Make sure the hive environment area is free of vegetation. Take care of this throughout the season



Make sure all hive vents are open, allowing air movement through the hive



The original location of the hive shouldn't be changed unnecessarily. If you must move the hive, use the "Shuvi Bee"-See operation manual



Before using pesticides, check that they don't harm the bumblebees



For specific instructions for each season, consult with the company field agent

#### **OPENING THE HIVE**

- After you have positioned the hive, let the colony inside it "relax". After a few minutes, carefully open the exit hole with the shutter release that blocks it. The bees will leave the hive and begin the "orientation flight" which will later give them the ability to find their way back to the hive. A hive positioned near sunset time should not be opened until the next morning.
- For the first three days, until the hive has entered full activity, pollination must be performed by a blower or hormones. The manual backup pollination may be stopped only after the bumble bees become fully active.

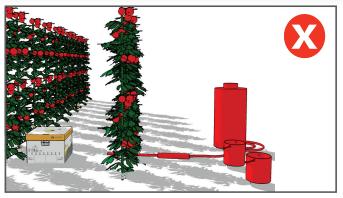




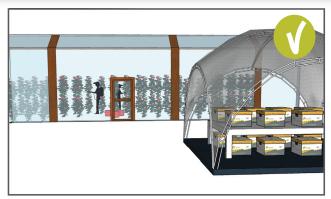




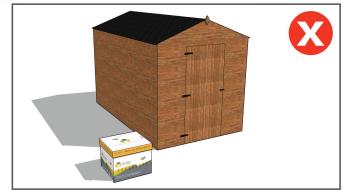
## IF YOU USE PESTICIDES IN THE GREENHOUSE, REMEMBER THE FOLLOWING INSTRUCTIONS



Remove the sprayer and empty pesticide packaging from the greenhouse



Hives should be removed during chemical spraying in accordance with BioBee professional guidelines.



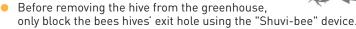
Do not place the hive near the pesticide storage area

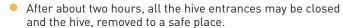
### WHAT DOES A VISIT FROM THE BUMBLEBEE ON A FLOWER LOOK LIKE?

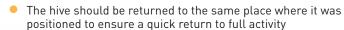


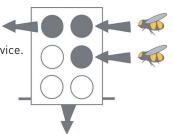
- Following the visit of the bumblebee, the absence of pollen in the pepper flower is evident.
- In greenhouse tomatoes you can see the results of the bumblebee visit within hours. A brownish-colored stain remains on the cone of the flower.
- In crops like strawberries, eggplant, zucchini and others there's no definite sign of the bumblebee's flower visit and the result is seen in the budding fruit. To measure the activity of the bees in these crops, entrance and exit of bees from the hive, must be observed at the appropriate hours (usually in the morning).

#### **OPERATING THE "SHUVI-BEE"**









#### **ADDITIONAL POINTS**

In severe heat conditions, the hive may be affected by heatstroke the flowers pollen production may be damaged.

In case of extreme heat conditions, it's recommended to remove the hive from the greenhouse to a sheltered location where the temperature does not exceed 23°.

In extremely cold days, the hive continues to function, but damage to the presence of pollen in the developing flowers must be taken into account.



#### **BIOBEE LIMITED LIABILITY**

- BioBee provides quality and uniform hives under the stringent requirements of ISO-90000 standards to provide a high quality and safe product. In optimal conditions, the bumblebee hive pollinates between 5 to 8 weeks. However, because it is a biological product, there is a natural and standard variation between hives. Additionally, the hive is exposed to multiple variable factors that may affect the duration and nature of the hive's activity. In view of the above, the duration and nature of the hive activity, and the bios, cannot be fully guaranteed and BioBee will not be held responsible for this.
- If the client complies with the described guidelines and the hive does not properly pollinate after three days, BioBee experts should be consulted to find out why.
- BioBee is not responsible for any special and/or indirect and/or consequential damages. BioBee's liability is limited to the products' purchase price.
- During the use of bumblebee hives, in certain situations bee stings cannot be completely prevented. Some people may develop hypersensitivity to the bumblebee's sting. Therefore, the use of bumblebee hives should be done by a trained professional.
- BioBee will not be held liable in the event of a bumblebee sting.
- Use of pesticides in the presence of bumblebees is permitted only under the specific instructions by the BioBee professional field agent. In case of breach of these instructions, the warranty will be the sole responsibility of the customer.