

SuperBoost Product Instruction Sheet



SuperBoost contains a ten-component blend of the honey bee brood pheromone. The pheromone cartridge and hanger are designed to allow the bees to surround the device. They then contact minute amounts of the brood pheromone which exudes slowly through the plastic membrane.

Preparing *SuperBoost*

Take a single cartridge from the sealed package and insert the corners into the upper and lower slots of the hanger, following the guides provided. Take care to not touch the surface of the release membrane as it will remove the honey bee brood pheromone. Wash hands thoroughly if release membrane is contacted.



Release Membrane

Installing *SuperBoost*

At the opposite end to where the pheromone cartridge has been placed, fold the hanger 90 degrees to create a "T" shape. Insert the loaded hanger between two frames in the center of the brood box, so that the pheromone cartridge hangs (as intended) at the level of brood comb. When installing *SuperBoost* into many hives, you may wish to pre-load the required number of cartridges into hangers and carry them in a receptacle when servicing the hives.



Proper insertion of the hanger into center of the brood box. Note that the top has been folded at a 90 degree angle.



Proper placement of the hanger between two frames.

SuperBoost Product Instruction Sheet



Replacement

After 30-36 days the pheromone supply should be exhausted, but the cartridges and hangers can be left in the hive until they are replaced. The hangers should last for several uses but can be discarded after one use. You may wish to obtain a replacement set of holders for use when the first set is being cleaned.

Storing *SuperBoost*

Keep out of direct sunlight. Store unused pheromone cartridges in their metallic bag in a cool, dry area. Keep cartridges sealed in their packages until used. Once a package is opened, they must be placed into a bee hive within a day.

What to Expect

Allow 6-8 days for the bees to acclimatize to *SuperBoost* once it has been placed in a hive. After this lag period, there should be a noticeable increase in the ratio of pollen to non-pollen foragers.

Bees returning to treated hives will be carrying more pollen than bees returning to untreated hives. After 30 days there should be more brood comb and a larger population of worker bees in treated than untreated hives. ***Hives will require feed in the form of pollen patties and syrup to sustain the colony growth.***

How Often to Treat

Three or four treatments per year are suggested:

- Over winter to induce greater feeding on pollen patties placed in the hive, leading to better over-wintering colony growth.
- Later in the Spring to extend the period of more active pollination and colony growth. (optional)
- Onset of Autumn to encourage late-season foraging (if local conditions permit) and colony growth at a time when untreated colonies are decreasing in size as winter approaches.
- Early in the Spring to encourage foraging on crops to be pollinated and to enhance colony growth at a critical time.