

# How can we help pollinators?

Bees not only produce honey and wax, but also are part of biological systems that preserve sustainability and biodiversity, and are essential to the pollination process.

Out of the 100 crops that produce 90% of food worldwide, 70 benefit from pollinators, including bees.

## How do beekeepers participate?

- By frequently monitoring colonies and hives to detect any issue or need, such as food, shelter, protection, and timely control of Varroa mite.
- By adapting their management practices to local conditions: for example, by protecting hives during winter and abstaining from the application of pesticides near apiaries.
- By looking for technical advice for the timely identification of pests and diseases in their hives, like Varroa mite.
- By using authorized registered products for the control of pests and diseases in their hives.
- By keeping local communications with farmers and cattle ranchers about pesticide application activities.
- By protecting the entrances to prevent bees from foraging during pesticide applications.

## How can farmers and cattle farmers participate?

- By implementing integral pest management (farmers).
- By looking for technical advice to identify pests to be engaged and select the less harmful or toxic pesticide for bees.
- By using regulated products with current sanitary registration and following the instructions in the label.
- By coordinating with their beekeeper neighbors so pesticide application does not harm hives or bees in flight or foraging.
- If pesticides are air sprayed, inform beekeepers so they may protect their hives.
- By properly using and handling pesticides.
- By understanding and become aware of the great challenges faced by beekeepers and about the great benefits they contribute to agriculture.

## Factors that affect the health of bees

- Deficient nutrition
- Presence of viruses and bacteria
- Mites, specifically the Varroa mite
- Adverse weather conditions
- Poor beekeeping and agricultural practices
- Downsizing of their habitat

## Did you know?

Bees need to visit around 2,000,000 flowers to produce only 0.5 kg of honey.

Bees can cover a radius of up to 3-4 km from their hive in order to get food.

Senasica, health for plants and animals.

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