

22 to 1

outnumbered by disease, mites, and other environmental factors

the honeybee needs
someone in its corner.



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honeybee colonies are collapsing

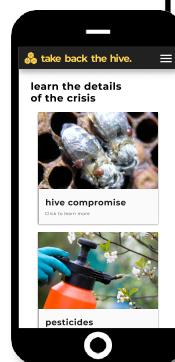
honeybee colonies are collapsing

Invasive and debilitating diseases, pesticides, and parasites are causing massive hive vacancy and drastically reduced lifespans for our primary pollinator. Our survival and prosperity as a species depends on protecting and supplementing the delicate biological processes of another. This issue is not political; it is fundamental to ensuring the stability of our agriculture, health, and overarching ecology.

lend us your help

Protecting the honeybee is the number one bridge issue across political parties; please join us in leveraging the magnetism of this common effort.

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learn the details of the crisis

viruses, mites & fungi

Due to their use of a singular queen in producing eggs for new larvae, honeybees often face issues adapting their immune systems to new diseases or parasites because of a lack of genetic diversity. In addition to these passive immune system weaknesses, the Varroa destructor mite latches onto growing larvae and remains with the honeybee into adulthood, shortening their lifespan and making them weaker throughout. This mite, in combination with the debilitating Deformed wing virus, among others, pose a serious threat to honeybee survival.

Thankfully, researchers have begun to make use of a fungus (which is normally harmful to insects) in supplementing the immune system of honeybees. Mixed in low doses with nectar in honeybee feeders, this fungus acts like a "treadmill" for the honeybee's immune system, boosting their overall strength and poisoning any invading mites unaccustomed to the pathogenic nature of the fungus.



hive compromise

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pesticides

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contribute to the fight

support research directly

Researchers at Washington State University specialize in supporting the prosperity of pollinators, especially the honeybee, and seek to understand the ecological role of a range of animals and human cultures on pollination patterns, agriculture, and other natural processes.



WSU research

The Honey Bee and Pollinator Research Facility at Washington State University

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upgrade your backyard

Mycologist Paul Stamets has developed a mycological technology that uses mushroom infused sugar water to augment the immune system of honeybees for protection against disease and mites. Consider purchasing one of these feeders to help your local bee population.



fungi perfecti

Honeybee immune system-oriented feeder from fungi.com/buds

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