norrod



Long-lasting and effective new Mode of Action for control of varroa mites

A new and effective approach to varroa mite control

Developed and tested over the course of 10+ years, Norroa[™] has proven to be an effective new tool for controlling varroa mites. Norroa[™] has shown long-lasting varroa control without harming bees. Multiple years of field trials demonstrate up to 18 weeks of mite control with one treatment. These pouches should be placed on top of frames or the bottom board, leaving a 1/2-inch space for bees to access the pouch.

Norroa[™] is powered by vadescana, a new Mode of Action (MoA) for beekeeping (IRAC Group 35) based on RNAi. It is designed to specifically target varroa mites and works by stopping the production of mite offspring.



With NorroaTM

Queen lays eggs in brood cells.

Workers feed bee larvae brood food containing Norroa™, thereby exposing mites to active ingredient. Norroa™ targets a specific mite protein, which stops the production of mite offspring.

Bee pupae develop normally, allowing them to reach adulthood unharmed.

Without NorroaTM

Queen lays eggs in brood cells.

Workers feed bee larvae.

Varroa mites lay eggs multiple times, doubling their population every four weeks. Bee pupae reach adulthood weakened and often carrying

diseases from

varroa mites.

Key benefits:



Long-Lasting

Up to 18 weeks

Maintained less than three mites per 100 bees threshold for up to 18 weeks in field trials conducted by experienced commercial beekeepers



Resistance Management

New mode of action

Novel Mode of Action (MoA) makes it a great tool for resistance management and extending the longevity of active ingredients currently available to beekeepers



Effective

No varroa mite offspring

In lab studies, foundress mites exposed to the active ingredient in Norroa™ had no offspring



Flexible

Wide temperature range

It can be applied at any working temperature, as long as it's safe to open the hive



Boosts Winter Survival

Up to 75% survival

Up to 75% winter survival in our field trial, almost twice the winter survival rate compared to leading chemical treatment



Bee Health

Specific to mites

No negative impact observed on larvae, adult bees, or queens



Easy to Apply

No measuring or mixing needed

Just peel back the sticker and place pouch on top of frames or the bottom board, leaving a space of 1/2 inch for bees to access the pouch

Stops production of mite offspring, providing up to 18 weeks of control

Support bees, beekeepers, and the planet

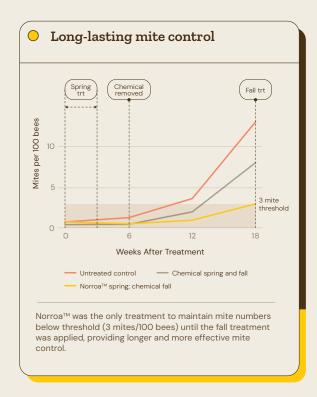
NorroaTM targets a specific protein in varroa mites that ultimately stops their reproduction. No negative impact on colony health or brood production were observed in field trials. Studies have shown no negative impact to larvae, adult bees, or queen, supporting a healthy and productive hive. NorroaTM works to maintain mite levels at the time of application. For best results, apply NorroaTM any time that mite levels are low and honey supers are not on the hive.

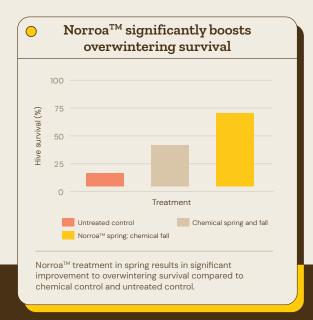
Norroa[™] contains no harsh acids. It is designed to be safe for non-target organisms, promoting a healthier hive ecosystem. This makes Norroa[™] great for Integrated Pest Management (IPM), supporting sustainable and effective beekeeping.

Simplified application, handling, and storage

The pouch application is quick and easy—no measuring or mixing needed. Just place it on top of frames or the bottom board. It can be used at any working temperature, as long as it's safe to open the hive.

One treatment provides up to 18 weeks of varroa mite control, offering long-term protection and reducing the need for frequent interventions. This extended control period helps beekeepers save time and money by minimizing treatments throughout the season.





Contact us to learn more:

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THE INFORMATION PROVIDED HEREIN IS BASED ON FIELD DATA TO DATE AND ACTUAL RESULTS MAY DIFFER. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.