

Optima Application Recommendations:

Basic Hive Maintenance:

Mix 1 to 2 teaspoon Optima in 1 gallon syrup and feed through preferred hive feeder.

A small 100ml (3.3 oz.) bottle goes a long way, mixing with up to 20 gallons of light syrup. This is the minimum recommendation for basic hive maintenance. You can mix heavier concentration depending on hive and environmental conditions. Some beekeepers use up to 4 teaspoons Optima per gallon syrup in hive feeder applications.

Stressed – Migratory – Pollinator - Operations:

Mix at the rate of 4 teaspoons per quart syrup solution and apply by spray or drench method at the rate of 1/3 quart or 10 to 12 ounces mixed Optima solution per colony, 4 times, 4 days apart for maximum benefit.

After spraying or drenching hives we recommend immediately filling and feeding Optima on same hive with mixed syrup solution at the rate of 1 to 2 teaspoons per gallon of syrup in hive feeders. Only use hive feeders where the bees will consume syrup in a timely manner as essential oils can evaporate over a period of time. Hive top can and jar feeders prevent evaporation of essential oils.

We recommend applying Optima at above concentration and frequency in the early Spring as soon as possible to help promote brood production, during summer dearth in the dry areas of the country when you would normally provide feed for your bees, and in late Autumn to help hives consume feed, get cleaned up and prepared for winter.

It is always recommended to add Optima at the rate of ½ teaspoon per 1 lb. final weight protein patty to encourage consumption and give all the added benefits of Optima to the bees.



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