

Metabeave Beauveria

Beauveria bassiana

Metabeave Beauveria is a unique formulation contains dormant spores of *Beauveria bassiana* with a inert carrier. It contains microbes which are useful for controlling various insect-pest found in the field. *Beauveria bassiana* has been used on a large scale, on a wide range of insect pests of a variety of crops. It is effective against Rice Leaf Folder moth, apple coaling moth and *Leptinotarsa decemlineata*. *Beauveria bassiana* has recently been tested as a pathogen of the elm bark beetle

Composition:

1- Powder Form :- *Beauveria bassiana* - 1.15% W.P.

<i>Beauveria bassiana</i>	:	1.15% w/w
(Spores & Nutrient Medium residues)		
Spore Count	:	2×10^8 min. C.F.U per gm.
Carrier(talc)	:	90.85% w/w
Moisture (Max.)	:	8.00% w/w
Total	:	100% w/w

2- Liquid Formulation.- *Beauveria bassiana* 10% A.S.

<i>Beauveria bassiana</i>	:	10 % (V/V)
(spores & nutrient medium residue)		
C F U	:	more than 2×10^8 per ml
Carrier (water)	:	QS to make 100%

Product Mode of Action:

Upon each application, the dormant spore of *Beauveria bassiana* gets active and during contact with host, it enter the host (Insect) body. Inside the body of insect, it gets multiply and releases various toxins (i.e Beauvecin), which result in death of host by mycosis (Insect). After consuming whole body content of host (Insect), fungus come outside from inter segmental area of insect and sporulate on whole insect body from outside. This sporulation again serves as a source of inoculums for new host.

Insects control

Eggs, Pupa, and larvae of Heliohis, Spodoptera, Army worm, Diamond back moth, leaf webber, Hairy catter piller, Sunhemp catterpillar, White grub.

Nymph and Adult of Whitefly, Aphids, Jassids, Thrips, Brown plant hopper, Mango hopper. Egg , Nymph and Adult of Mealy bug, Mite .All stages of termite.

Product benefits:

- Able to control insect by causing mycosis
- Saprophytic growth lead to serve on dead organic matter so even in absent of host, inoculums get increase in field so more chances for mycosis as insect attack start
- It help to increases the crop yield by reducing damage cause by insect
- Help to increases natural soil biomass so by these help to improve soil health
- Improve plant vigor, plant health etc.
- Help to maintain natural ecosystem in field
- Compatible with most of insecticide, so combine use with insecticide give synergistic result.

Frequency of application

Applications should be repeated at least once in 15-20 days for four times. For greenhouse pest problems, applications in every 10-15 days are recommended. All applications should be based on monitoring of pest populations.

Direction for use:**Spray Application:**

Dilute 5gm of Metabeave Beauveria in 1ltr of water with 5ml milk. Stir well to form uniform solution and spray thoroughly with a sprayer. Effective coverage of whole plant will more benefit.

Packing available

Powder form- 1 kg

Liquid form – 1 lit, 5 lit, 20 lit.

Self life

Powder/ Liquid - 1 year



RBH

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