

MICROFINE NEEM BIOPESTICIDE

This biopesticide has been developed using a novel technique of making micro-sized powder of whole Neem fruits. Azadirachtin, the active ingredient in Neem, after extraction becomes unstable when sprayed on crops and its insecticidal effect is short-lived. Instead of extraction, this technology utilizes azadirachtin in its original form as in Neem fruit.

The product is developed as powder formulation. As the particle size is decreased, the efficacy increases substantially. Thus, the insecticidal effect is stronger and long lasting.



Very fine size powder made from Neem fruits

Advantages:

1. All the goodness of Neem are available to crops by this formulation.
2. The formulation particles create a sustained release effect since the ingredients are gradually released and thus long term protection from insects is achieved.
3. Insecticidal effect can be much stronger and longer lasting.
4. Use of other ayurvedic herbs in micro fine powder adds to the effectiveness of the product.

The technology has been transferred to several industries and the products are available in the market.

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