

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.



Advantages

- All the goodness of neem are available to crops.
- Sustained release results in long term protection from insects.
- Insecticidal effect can be much stronger and longer lasting.
- Use of other ayurvedic herbs in micro fine powder adds to the effectiveness of the product.

Developed & Transferred to

- The technology has been jointly developed by BARC and VNIT, Nagpur
- Technology has been transferred to many industries.