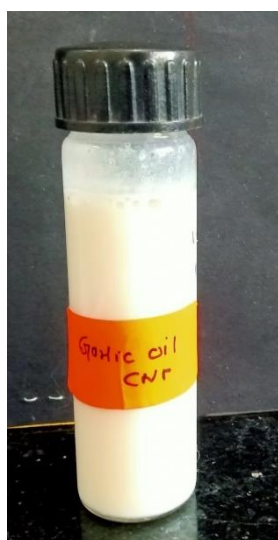


ESSENTIAL OIL NANOFORMULATION AS BIOPESTICIDE FOR CONTROL OF MEALYBUG



Mealybug

- Mealy bug (*Maconellicoccus hirsutus*) suck the plant sap causing plant stunting and yellowing
- Often leads to sooty mold infection.
- Transmits viral plant diseases like Leaf curl disease
- Woolly coat makes insecticides ineffective



**Essential oil nano-
formulation biopesticide
for mealybug control**

**Technology transferred to
SKR Group, Wardha**



Live

Dead mealybug

Citronella and Garlic oil nanoformulation

- ✓ Efficacy data in plant bioassays
- ✓ Effective dose is 1:100 dilution of the ONF
- ✓ 50 ml is diluted to 5L for field application

Efficacy in plant bioassays