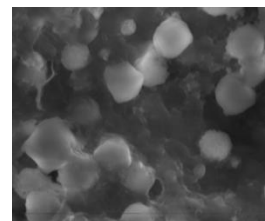
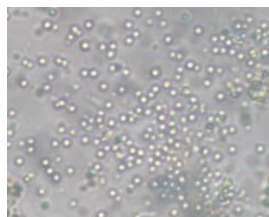


Aqueous formulation of *Spodoptera frugiperda* nucleopolyhedrovirus NBAIR 1 (SpfrNPV) for the management of FAW

- **Brand Name:** Shatpada *Spodoptera frugiperda* nucleopolyhedrovirus
- **Microbial Constituent:** *Spodoptera frugiperda* nucleopolyhedrovirus
- **Microbial Culture deposition in National Culture Collection and accession number:** Not deposited
- **Production method:** Aqueous suspension of SpfrNPV containing minimum of 1×10^9 POB/ml
- **Target pest and crop:** Management of Fall armyworm of cereals especially maize and sorghum
- **Method of application:** Foliar spray
- **Dosage of application:** Foliar spray of aqueous suspension of SpfrNPV NBAIR1 @ 4 ml per litre twice at a concentration of 1.5×10^{12} POBs/ha at 20 and 35 days after sowing. Spraying should be done in the evening hours.
- **Target states:** Maize and sorghum growing states
- **Validation:** The technology was tested at AICRP BC Centres at TNAU, Coimbatore and IIMR, Hyderabad during 2018 to 2020



Diseased larvae of *Spodoptera frugiperda* showing bodies of SpfrNPV characteristic viral infection symptoms

Light and electron micrographs of occlusion

- **Benefits:**
68 – 82% pest reduction
- **Commercialization of technology:** The technology was sold to 2 private companies during 2020 to 2021

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