

Shatpada Treat — Production and use of the predatory mite *Typhlodromus (Anthoseius) transvaalensis* to control mites and thrips in mulberry and celery



- **Brand name** Shatpada Treat
- **Biocontrol agent** *Typhlodromus (Anthoseius) transvaalensis*
- **Production method** Rearing on factitious feed in containers
- **Target pests and crops** Pests: Broad mite (*Polyphagotarsonemus latus*), spider mites (*Tetranychus* spp.) and thrips (*Scirtothrips dorsalis*)
Crops: Mulberry and celery
- **Method of application** Sprinkling on leaves, preferably with a shaker (powder sprinkler)
- **Dosage of application** 30–60 adults per plant depending on the stage of the crop
- **Target states** Karnataka, Tamil Nadu and Andhra Pradesh
- **Validation** The technology was evaluated in Karnataka during 2020 and 2021
- **Benefits** More than 80% control of the target pests
- **Commercialisation of technology** Yet to commercialize the technology
- **Contact** The Director, ICAR–National Bureau of Agricultural Insect Resources, Bengaluru 560 024 (E-mail: director.nbair@icar.gov.in)



Shaker to release the predatory mite



Mulberry crop treated with the predatory mite



Release of the predatory mite in celery