

## ICAR-NBAIR participation in the National Horticultural Fair - 2019

The National Horticultural Fair-2019 was organized during 23-25 January 2019 at the ICAR-Indian Institute of Horticultural Research, Hessaraghatta, Bengaluru in collaboration with Society for Promotion of Horticulture, Bengaluru; Department of Horticulture, Government of Karnataka and National Horticulture Board, Gurugram & CDB (DAC). A team of different scientists and technicians from ICAR- National Bureau of Agricultural Insect Resources participated in this fair and showcased various technologies developed at the institute. The fair provided very good platform for Scientists - Farmers - Stakeholders discussions on emerging challenges in Horticulture and effective dissemination of pest control technologies for horticultural crops.





**MANDATE**

Collection, characterization, documentation, conservation, exchange, research and utilization of agriculturally important insect resources including mites, spiders and related arthropods

Capacity building, dissemination of technologies and forging linkages with stakeholders

On farm validation of biocontrol strategies, forging linkages with commodity based crop research institutes, AICRPs / AINPs and capacity building

**CORE ACTIVITIES**

Taxonomy of agriculturally important arthropods

Identification services (insects and other arthropods)

Conservation & utilization of agriculturally important entomopathogens, endosymbionts

Validation of biocontrol based technologies

Management of alien invasive pests through strategic management options including classical biological control

Genetic improvement of insect parasitoids and predators

Molecular characterisation of insect genetic resources

Formulation and dissemination of technologies through extension activities

Bioinformatics and structural & functional genomics

Training of stakeholders

ICAR - National Bureau of Agricultural Insect Resources  
Institutional website: www.nbari.res.in

**Stages of C**

Predatory stage: Larva

Feeding potential: 50 aphids/larva

Fecundity: 100-125 eggs/female

Egg period: 5-6 days

Larval period: 15-20 days

Pupal period: 7-9 days

Adult longevity: 5-6 days

Production: Inside shade enclosures

Release rate: 1000 larvae/inoculative release

*Dipha aphidivora* (Mey)

Mass pro

Erect. Biol

50% abn

infectio

larvae/pa

1500 to 25

per cage in

ICAR