

Report of the programmes arranged under the Campaign “Annadata Devo Bhava” for the celebration of Azadi ka Amrit Mahotsav (AKAM).

Theme area: i) Promotion of Natural & Organic Farming

	Name of the campaign / activity	Date	Venue	Nodal Scientists
1	Field release techniques of <i>Anagyrus lopezi</i> parasitoid for the management of cassava mealybug in cassava	23.4.22	Namakkal Dt, Tamil Nadu	Dr M. Mohan, Dr. M. Sampath kumar
2	Conservation and augmentation of natural enemies of pests of vegetables/ maize	23.4.22	Chikaballapura Dt, Karnataka	Dr. AN Shylesha, Dr. Richa Varshney

Two mega Campaigns on “Annadata Devo Bhava” under Azadi ka Amrit Mahotsav (AKAM), have been arranged on 23, April 2022 one each in Tamil Nadu and Karnataka. Action Plan for the same has been provided to Council on 11, March 2022.

1. Campaign on "Field release techniques of the newly imported parasitoid wasp, *Anagyrus lopezi* for the management of cassava mealybug in cassava"

Campaign on "Field release techniques of *Anagyrus lopezi* parasitoid for the classical biological control of cassava mealybug in cassava". ICAR-NBAIR has obtained this parasitoid from IITA, Benin as Gratis with the support from ICAR and DPPQS, Govt. of India. Presently, the parasitoid wasp has been established in 26 African and four Asian countries, imparting a substantial reduction (>84.0%) in the population density of cassava mealybug in most farmers' fields.

The campaign has been organised by ICAR-NBAIR jointly with KVK, Namakkal (Dt), Tamil Nadu on 23, April 2022 at the KVK premise. Dr. M. Mohan, Principal Scientist (Entomology) and Dr M. Sampathkumar, Senior Scientist (Entomology) of this Bureau have organised and participated the event. A total of 75 farmers attended the campaign in addition to dignitaries and KVK staff.

   		
TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Director of Extension Education ICAR-Krishi Vigyan Kendra, Namakkal & ICAR- National Bureau of Agricultural Insect Resources, Bengaluru (Jointly Organizes)		
Campaign “Annadata Devo Bhava” under Azadi Ka Amrit Ahotsav (Field release techniques of <i>Anagyrus lopezi</i> parasitoid for the management of cassava mealybug)		
PROGRAMME SCHEDULE		
Venue: KVK, Namakkal		Date: 23 April 2022
9.00 – 10.30 am	Registration	
10.30-10.35 am	Tamil Thai Valthu	
10.35-10.40 am	ICAR Invocation song	
10.40-10.50 am	Welcome Address	Dr.S.Alagudurai Associate Professor and Head (Agronomy) KVK, Namakkal
10.50-11.15 am	Special Guest Address	1. A. Nachimuthu Deputy Director of Agriculture (Farmers Training Centre),Namakkal 2. Th. K. Ganesan Deputy Director of Horticulture, Namakkal 3. Th. P. Ashokan Joint Director of Agriculture,Namakkal
11.15- 11.30 am	Release of Pamphlets and special Address.	Dr. M. Mohan Principal Scientist (Agricultural Entomology) ICAR – NBAIR, Bengaluru
11.30-12.00 pm	Briefing about CMB problem in India and Successful introduction of <i>A. lopezi</i>	Dr. M. Sampath Kumar Senior Scientist (Agricultural Entomology) ICAR – NBAIR, Bengaluru
	Mass Production techniques of <i>Anagyrus lopezi</i>	Dr. C. Sankar Assistant Professor (Agricultural Entomology) ICAR - KVK, Namakkal
12.00-12.15 pm	Distribution of parasitoids to the farmers	All Dignitaries
12.15-12.25 pm	Vote of thanks	Dr. P. Murugan Assistant Professor (Agronomy) ICAR -KVK, Namakkal
Group photo		
12.30 pm	Lunch	

Image: Programme schedule

Dr. S. Alagudurai, Head, KVK welcomed all the farmers. Sh. AN Nachimuthu, DDA, Sh. K. Ganeshan, DDH, Sh. P. Ashokan, JDA of Namakkal District briefed the damage caused by cassava mealybug on cassava in Namakkal and adjoining districts. Dr. M. Mohan along with other dignitaries released NBAIR phamphlet (in Tamil) on "Mass production and release techniques of *Anagyrus lopezi* for the management of cassava mealybug" for the benefit of farmers and delivered a special address on importation of *A. lopezi* into India. Dr. M. Sampathkumar, Senior Scientist, NBAIR has made an elaborate presentation about the cassava mealybug problem in India, successful introduction of *A. lopezi* parasitoid, mass production and release techniques of the parasitoid into the field. Finally, the questions raised by the farmers on field release techniques of this parasitoid were clarified.

The parasitoids (2500 Nos) in batches that have been mass reared at NBAIR were distributed to the farmers for their release into their cassava field. *A. lopezi* mass production unit also has been inaugurated at the KVK premises with the knowhow and support from NBAIR. The meeting ended with vote of thanks by Dr C. Shanker, Assistant Professor (Entomology), KVK, Namakkal. The event has been covered up by local media (Tamil Newspapers)



Images: Inauguration and distribution of extension folder on "Field release techniques of *A. lopezi*"



Image: Technical lecture on *A. lopezi*



Image: *A. lopezi* mass production units established at KVK, Namakkal



Images: Distribution of *A. lopezi* parasitoids to the cassava farmers

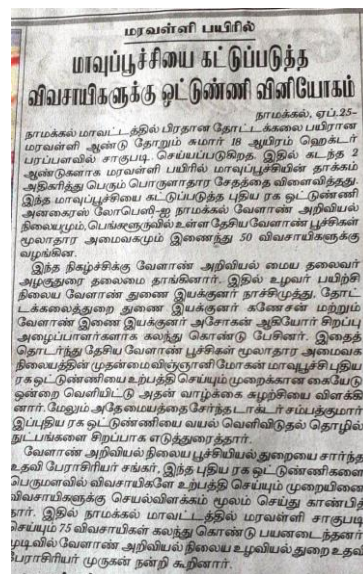


Image: Press report of the event published in local newspaper

2. Campaign on Promotion of organic / natural farming at Thowdanahalli Village, Chikkaballapura district, Karnataka on 23.04.2022

ICAR – NBAIR, Bangalore organized a campaign “Annadata Devo Bhava” under Azadi ka Amrit Mahotsav (AKAM) on 23.04.2022 at **Thowdanahalli Village, Chikkaballapura district, Karnataka**. Dr. A. N. Shylesha HOD, Dr. Deepa Bhagat Principal Scientist, Dr. Richa Varshney Scientist and Mr. P. Raveendran Technical Officer from division of germplasm conservation and utilization (GC&U) shared the dais. Programme was attended by 30 farmers growing different crops like brinjal, tomato, cabbage, grapes, Pomogranate and maize. Gathering was addressed by Dr. A. N. Shylesha, HOD, division of germplasm conservation and utilization. He explained farmers about importance of organic and natural farming. He further explained about different plant protection inputs viz. different kinds of pheromone traps, sticky traps, macrobials like Tricho cards, *Telenomus remus*, Chrysopids, anthocorid bugs etc. required to tackle pest problem in different crops. Farmers were also sensitized about the importance of conservation of these macrobials. Farmers shared their experiences, problems and solutions to manage different insect pests. Later inputs like different traps, trichocards, chrysopids, *Blaptostethus pallens* etc were distributed among the farmers. Dr. Richa Varshney and Mr. Raveendran explained the release methods of predators and parasitoids. Dr. Deepa Bhagat explained about how to install different traps to farmers.



Technical Session on Natural farming and distribution of certificates



Group photo along with farmers