

Report of Swachhata Campaign on ‘Waste to Wealth’

Name of the Institute / Establishment: ICAR-National Bureau of Agricultural Insect Resources, Hebbal, Bengaluru

Special Swachhata Campaign on ‘Waste to Wealth’ observed in ICAR-NBAIR, Bengaluru at both Hebbal and Yelahanka campuses. ICAR-NBAIR has taken initiatives in waste to wealth conversion. In this regard, ICAR-NBAIR is mass multiplying black soldier fly, *Hermetia illucens* for the conversion of organic agricultural and kitchen wastes to nutrient rich compost. Black soldier fly (BSF) (*Hermetia illucens* (L.)) is an insect which can be used as a detritivore in both larval and adult stages and is neither a pest nor a vector and does not cause any nuisance or harm. It plays an important role as an essential decomposer in breaking down organic substrates and returning nutrients to the soil. Scientists from ICAR-NBAIR demonstrated about the kitchen waste management by using black soldier fly to the farmers. The revenue of Rs. 19,500 /- has been generated by supply of black soldier fly culture to various entrepreneurs, research workers and farmers during this year. Swachhata activity carried out in both the campuses of ICAR-NBAIR. Parthenium plants have been removed in Yelahanka campus. Disposal of bio-degradable waste and non-biodegradable wastes have been carried out in Hebbal campus. Awareness given to school children and to staff of all levels regarding hygiene and importance of Covid-19 vaccination during institute foundation day. Cleaning activities carried out for water tanks and water ponds in both campuses of ICAR-NBAIR. On 12.10.21 Swachhata Abhiyan Awareness was conducted for the contractual staff and farmers at two campuses about the waste to wealth management by showing the Youtube link video received from the Council. Swachh Bharath committees were formed division wise to carry out cleaning activities in the institute.

Public auction of written-off and unserviceable material: Public auction was carried out on October 08, 2021 at the premises of ICAR-NBAIR, through Newspaper advertisement. The unserviceable and written-off material in different lots including electronic, electric, old furniture, and laboratory equipment were auctioned and due to this a revenue of Rs.1,72,280/-has been generated. Disposing of scrap materials such as Corcyra boxes were carried out and a revenue of Rs. 4000 /- was generated.

ICAR-NBAIR Swachh Bharath Farmer's meet : Farmer's meet has been arranged at Thalahalli village, NandhiHobli, Chikkaballapur district on 26-10-2021. ICAR-NBAIR Scientists, village panchayat leaders and 41 farmers participated in this program. Scientists from ICAR-NBAIR explained about the Swachh Bharath theme, hygiene, Covid-19 measures and about the importance of vaccination. Dr. Mahesh Yandigiri, Dr. U. Amala and Dr. S. Salini explained and demonstrated about the 'Waste to Wealth' by using ICAR-NBAIR technology based on black soldier fly (BSF) for the conversion of kitchen wastes, vegetable wastes into manure/compost and the use of immature of the BSF as poultry feed and fish feed. Sanitizers made from ICAR-NBAIR and folders about 'Black Soldier Fly: An alternative for waste management and fish feed', have been distributed to the farmers. Farmer's shown keen interest to know about this technology.

Activity Report on Swachhata Abhiyan 2021

Name of the Institute / Establishment: ICAR-National Bureau of Agricultural Insect Resources, Bengaluru

Date of activity	Name of Nodal Officer	Name of the program/ Others	No. of staff members participated	No. of Dignitaries	Farmers	Members of civil society	School children/Students	Total	Space created	Revenue generated (Rs.)
Feb-2021 to July-2021	Dr. M. Pratheepa (Hebbal campus), Dr. S. Salini (Yelahanka campus)	Supply of culture black soldier fly for Waste to Wealth from organic waste								Rs. 19,500
02-10-2021		Taken Pledge for Swachh Bharat Abhiyan in both Hebbal and	70	--	--	--	10	80		Nil

		Yelahanka campuses of ICAR- NBAIR								
03-10- 2021		Weeding out of files	12	--	--	--	--	12		Nil
		Weeding out of files	3900 files short listed for weeded out and Dispatch letters and vouchers from insectary weeded							
08-10- 2021		Public Auction	10	--	--	--	--	10	2000 sq. ft area	Rs. 1,72,258 (Including GST)
12-10- 2021		Swachhata Abhiyan	65	--	12	--	8	85		Nil
13-10- 2021		Swachhata Abhiyan	62	--	40	--	6	68		Nil
18-10- 2021		Swachhata Abhiyan	30	--	--	--	16	36		Nil
19-10- 2021		Swachhata Abhiyan	60	-	28	-	20	80		Nil
Grievanc es		Compassio nate ground	Compassionate ground cases pending: 2019-One application received; 1 post filled under Compassionate grounds and 2020- Nil applications received.							

2019, 2020		cases pending								
Grievanc es 2021		Compassio nate ground cases pending	2021 - One application received; no vacant post under compassionate quota. Pension papers timely sent to ICAR-IIHR, pension authorizing unit.							
		VIP references								Nil
26-10- 2021		Swachh Bharath Abhiyan – Farmer’s meet	6	1 (Retired ex- Director, ICAR- NBAIR)	42	3 (Villag e Pancha yat)	--	51	--	Nil
26-10- 2021		Wood logs cleared from ICAR- NBAIR, Hebbal campus	12	--	--	--	--	12	--	Nil
27-10- 2021		Disposal of scrap materials (Corcyra boxes)	6						1000 sq. ft area	Rs. 4000/-

Photographs:



Farmer's showing interest to know about 'Waste to wealth' technology by using black soldier fly



Sanitizers developed from ICAR-NBAIR and folders about 'Black Soldier fly' for waste to wealth management distributed to the farmers at Thalahalli village, Nandihobli, Chikkaballapur District, Karnataka



Group photo of farmer's meet under Swachh Bharath Abhiyan with the theme "Waste to Wealth"



Weeding out of files carried out at ICAR-NBAIR, Bengaluru



Weeding out of files at ICAR-NBAIR, Stores



Wood logs cleared from ICAR-NBAIR, Hebbal campus



Swachh Bharath Pledge taken by the staff of ICAR-NBAIR Hebbal Campus on 02-10-2021



Swachh Bharath Pledge taken by the staff of ICAR-NBAIR, Yelahanka Campus on 02-10-2021



Viewing of Waste to Wealth management You tube link by the contractual staff of ICAR-NBAIR, on 12.10.2021



Demonstration of kitchen waste management using black soldier fly to the farmers.



Demonstration of mass production of black soldier fly to the farmers



Black soldier fly larvae multiplied on kitchen wastes



Compost obtained from kitchen waste degraded by black soldier fly



Cleaning activity carried out for the removal of weeds like parthenium plants in ICAR-NBAIR, Yelahanka campus

Disposal of bio-gradable and non-biogradable wastes have been carried out

آنا ہوگا تاکہ خطے میں مزید کشیدگی سے بچا جاسکے۔ میڈیا رپورٹس کے مطابق انھوں نے ایک میدان میں کھجور کی پتیوں کے ٹکڑے بکھرتے ہوئے دیکھے۔ انھوں نے کہا کہ ان کی شرائط طے کرنے کی ضرورت نہیں کیونکہ کھجور کے پتے اور میٹھا پھل جیسے پھل ان کی طبیعتی عمدہ دار سے صحائف کو تیار کیا ایران کے ساتھ فدا کرات کے لئے عالمی طاقتوں کو متحد رہنے کی ضرورت ہے۔

روز جابہ کیا تھا۔ عرب اتحاد کے :
 حوثی طیشیا کی جانب سے جازاز
 ہے۔ لیکن میں سرگرم عرب اتحاد
 سے ایران نواز حوثی طیشیا کی جانب
 سے جابہ کیا تھا۔ عرب اتحاد کے :

صفایت
 اسکرپ وصول
 آپ کے کمرہ، مکان، دفتر میں موجود
 سامان و مستعملہ چیز سے روٹی،
 پلاسٹک، الیکٹرانک اشیاء، فرنیچر
 امداد کے بجائے کھینے کران۔
 مشمول کی ضرورت ہوئی ہو سکے

4140
 4190
 4029

22.09.2021

بھارتیہ سماج،
 دھرم و سماج (بھارتیہ)
 مہاراشٹر، دہلی
 دہلی، بھارت، بھارت
 بھارت، بھارت، بھارت
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F.No.NBAIR/4-8/2021-22/ Date: 29.09.2021

PUBLIC AUCTION NOTICE

Advertisement No. : 01/2021-2022-NBAIR
 Date & Time of Site Visit : 07.10.2021 from 11:00 AM to 05:00PM at ICAR - NBAIR, Hebbal Campus
 Date & Time of Public Auction : 08.10.2021 at 11:00 AM at ICAR-NBAIR, Hebbal Campus

Public Auction Sale of the old unserviceable and obsolete items viz. Scientific equipment, office equipment (Computers, printer etc), furniture, refrigerators, ACs batteries tyres, plastic and scrap items will be conducted at this Bureau on "As is & where is" basis. All the participant bidders will be required to submit Earned Money Deposit of Rs. 2000/- in cash to the cashier of this Bureau. The successful bidder is required to deposit highest bid amount of the public auction accepted by the Competent Authority of this Bureau on the spot in full and has to take the delivery of the items immediately, with Gate Pass & clearance from the security Wing of this Bureau. The bidders will have to provide photocopy of his/her identity (Voter ID, PAN Card, Aadhar Card, Driving License etc.) One photograph and contact no., failing which no token will be issued. The Director, ICAR-NBAIR reserves the right to reject any or all the bids without assigning any reasons thereof.

Sd/-
 Administrative Officer

SALAR

Public auction Advertisement in a News Paper.



Public auction carried out at ICAR-NBAIR on 8.10.2021 for disposal of unserviceable items



Disposal of Scrap waste material (Corcyra boxes) and thereby clearing nearly 100 SFT area in ICAR-NBAIR Campus