

Unnat Bharat Abhiyan

QUARTERLY REPORT 2022-2023 (January - March)

Kerala Agricultural University
Participating Institute
Unnat Bharat Abhiyan 2.0



KERALA AGRICULTURAL UNIVERSITY

DIRECTORATE OF EXTENSION

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Unnat Bharat Abhiyan is a flagship programme of the Ministry of Human Resource Development, with the intention to enrich Rural India. The knowledge base and resources of the Premier Institutions of the country are to be leveraged to bring in transformational change in the rural developmental process. It also aims to create a vibrant relationship between the society and the higher educational institutes, with the latter providing the knowledge and technology support to improve the livelihoods in rural areas and to upgrade the capabilities of both the public and private organizations in the society. As part of Unnat Bharat Abhiyan 2.0 with the vision of bringing transformational change in rural development processes, Kerala Agricultural University, Thrissur (Participating Institute, UBA 2.0) has selected five-Gram Panchayats viz; Mattathur, Nadathara, Pazhayannur, Venkitangu and Sreenarayanapuram panchayats of Thrissur district to impart knowledge and technology support and thereby to improve the livelihood of the people.

Being a PI, KAU also found its major time for the development of the villages selected under UBA. Scientifically assessed programmes and technology transfer were the focused area of KAU. UBA is also associating with other agencies who could act accordingly in such developmental activities and also channelize the funds to ensure more productive action. Some of the major activities held in the 4th Quarter of FY 2022-2023 by KAU majorly in the role of PI were listed.

ACTIVITY 11

Traning programme on Pest and Disease management in Vegetables in Sree Narayanapuram Grama Panchayath on 24/01/2023

The major challenge to vegetable producers in the area is pest control. High level of management is required to successfully control pests' problems. Successful production of organically grown vegetables requires an even higher level of management for profitability to occur because even fewer control tools are available to producers using this production system. Hence, Kerala Agricultural University has developed our own mechanism for the control of pest and disease in vegetable crops. A training programme on "pest and disease control in vegetables" conducted by Unnat Bharat Abhiyan cell of Kerala Agricultural University was imparted to 30 numbers of farmers on 24th January, 2023 in Sreenarayanapuram Grama Panchayath. Aswathy A K, Assistant Professor, KAU lead an excellent interactive session and cleared all the doubts regarding the pest and diseases in vegetables. We have distributed the Beauveria, which can be used as a biological insecticide to control a number of pests such as termites, whiteflies, and many other insects



Biobin Distribution at Pazhayannur Gramapanchayath


Report on selection of beneficiaries availing the Biobin benefit


Unnat Bharat Abhiyan, Kerala Agricultural University has initiated a step towards mitigating the waste management issues of Pazhayannur Grama panchayath in Thrissur District. As part of popularisation of KAU technologies among public, we have started a mission for public who were facing severe issues with confined land area for the waste management. In this manner as a first step, we conducted surveys in collaboration with Panchayath authorities and selected top 10 households who are required the popular KAU technology named 'Smart Bio Bin'. These technologies, currently being used by local bodies, will be useful in waste management, especially at source itself. Bio Bin is an on-site capture and containment system used for organic material processing (starting and composting process) in an odour-free, easily accessible vessel. It improves the quality of air and water by reducing pollution. Based on below criteria the need-based selection was conducted by Kerala Agricultural University.


- All the beneficiaries should under below poverty level
- The area of land should be up to 5 Cents
- Availability of space around the household must have limited area, with poor drainage facility.
- People regularly facing the issue related to waste management will be selected for approval from KAU.
- Deposition of more waste than regular use
- Irregular areas/ households near to roads/ reservoirs shall give high priority
- Top most important criteria of selection are the potential of using Biobin from a community should be in regular basis.



Criteria for selection

Sl. No	House Hold Details	Images	Result
1	Krishnankutty Chelakkara Kallukulam Colony 9562857182 Dairy Cattle Rearing 3.5 Cent		Selected

2	<p>Rukmini Kaimalamkunnu Kaithakkodu Pazhayannur 4.75 Cent 9747165381</p>		Not Selected


3	<p>Suja Koodathil House Puthiruthura 9544074142 4 Cent</p>		Not Selected
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4


Baby Kamalam
Pottathupodi House
Vennoor
9947892060
10 Cent
Dairy Cattle Rearing
Poultry Rearing,
Near to forest area.







Selected


<p>5</p>	<p>Prabhakaran Koorkkaparambil Vennor 8943800862 4 Cent Goat Rearing</p>	 <p>The top photograph shows a structure covered with a blue tarp, supported by wooden poles, with various items and a person visible in the background. The bottom photograph shows a large, cylindrical metal drum or container in an outdoor area with trees and a building in the background.</p>	<p>Selected</p>
<p>6</p>	<p>Sheena Kunnath Veedu Vennoor 9947311816 3.5 Cent</p>		<p>Selected</p>


			
7	<p>Ayisha Punnekkal Vennoor 9496526715 Cattle Rearing</p>		Selected



8	<p>Sunitha Mundulli Vennoor 9605101823 9 Cent Cattle Rearing Poultry Rearing</p>		Selected



<p>9</p>	<p>Jaseela Chengathu Veedu Manjaadi 9946334202 10 Cent</p>		
<p>10</p>	<p>Shabna Chakkathiparambu Vennoor 9544950967 4Cent Goat Rearing</p>		<p>Selected</p>

			
11	Anshiya Plattuparambil 8592913042 3.5 Cent		

12	<p>Geetha Radhakrishnan Karakkadu 5Cent Dairy Cattle Rearing</p>	 <p>The top photograph shows a white, single-story house with a tiled roof and a balcony. In the foreground, there are several large haystacks. The bottom photograph shows the same house from a slightly different angle, with more greenery visible on the right side.</p>	Selected

<p>13</p>	<p>Rafiya Palattuparambil 9526425904 7 Cent Dairy Cattle Rearing</p>		<p>Selected</p>
<p>14</p>	<p>Sheeja Plakkal 9562971956 5 Cent Dairy Cattle Rearing</p>		<p>Selected</p>

			
15	<p>Nani Puthuparambil House 5Cent Dairy Cattle Rearing 9539234840</p>		

16	<p>Prema Sreedharan Yogyankulangara House 10 Cent Poultry Rearing Ph:9544460701</p>		Not selected
17	<p>Shabina Vettath House Dairy Cattle Rearing 5 Cent Ph: 9072740383</p>		

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ACTIVITY 13

Report on Pledge for Planet

The 18th Heads of State and Government Summit of the Group of 20 (G20) will take place in September 2023 in New Delhi, India. Under the Indian Presidency, the G20 in 2023 will focus on the theme, 'One Earth, One Family, One Future'. The theme affirms the value of humans, animal, plant, and microorganisms and their interconnectedness on planet Earth and in the wider universe. In this context, the concept of 'Lifestyle for the Environment (LiFE)' was introduced by Prime Minister Narendra Modi at COP26 in Glasgow on 1st November 2021 to combat climate change and promote sustainable living to achieve UN sustainable development goals. The mission makes everyone trustees of the environment, responsible for nurturing and preserving it. It aims to change our collective approach to sustainability by nudging individuals to practice environment-friendly actions. C20 LiFE working group is encouraging the Youth to take the 'Pledge for LiFE'. In this scenario, Kerala Agricultural University and the Participating Institutions under KAU actively took a pledge to conserve, protect and care for the planet through LiFE (Life For Environment).

