

Crop Science Division

Compiled input on Swachhta Pakhwada for 22.12.2021

ICAR-DRMR, Bharatpur

Brief description of work: ICAR-DRMR, Bharatpur celebrated Swachhta Pakhwara, programme on 22nd December 2021. Organized workshop on conversion of waste to wealth and use as organic fertilizers for sustainable crop production. During the period, we have collected the generated waste and segregated into bio degradable and non-degradable waste. The bio degradable waste is used for compost making and non-degradable waste are safe disposal with the help of Municipality. We have also demonstrated the waste to compost preparation method and its potential use for crop production by involving farmers.

Number of participants: 60



ICAR-IGFRI, Jhansi

Sanitation and SWM program by Hilly Regional Research Station Srinagar

With the reference to circular regarding ICAR instruction of organising swachhtapakhwada (16-31 Dec. 2021) regSwachhtaPakhwada activities have been undertaken on 22-12-2021 in office premises by Hilly regional research station Srinagar of ICAR-IGFRI.



ICAR-IIOR, Hyderabad

As per the directions from the ICAR, '**Swachhta Pakhwada**' activities are being conducted at ICAR-IIOR, Hyderabad. The activities scheduled for December 22, 2021 were conducted at nearby Government Schools, Rajendranagar, Hyderabad. ICAR-IIOR staff interacted with students and delivered lecture about cleanliness and its impact in day to day life activities following all Covid-19 guidelines. Distributed dustbins as a part of cleanliness drive in schools. All the school students, school staff and ICAR-IIOR staff participated in the program with great attentiveness.



Distribution of dustbins in school to create awareness about cleanliness.



Delivered lecture about cleanliness and distributed gloves to students

ICAR-IISR, Lucknow

Exhibition and technology demonstration on waste to wealth, agri-techniques, awareness camps and street plays

ICAR-IISS, Mau

Institute Name: ICAR-Indian Institute of Seed Science, Mau (U.P.)

Name of activity as per theme of Swachhta Pakhwada: Special campaign on sanitation and cleanliness drive was conducted at primary health center (PHC) Bagli Pijra with the support of all staff of the institute



ICAR-NBAIM, Mau

As a part of Swachhta Pakhwara at ICAR-NBAIM today i.e. 22-12-2021, the Bureau invited 80 students from Public Girls Degree College, Saraimir, District Azamgarh with a view to create awareness among them regarding the Swachht Bharat Abhiyan. On this occasion, the student were apprised about the Swachht Bharat Abhiyan of the Government of India, how this campaign has been applauded globally and different aspects of Swachhta including the harmful effects of defecation in the open, the efforts and support of the Government of India to put an end to this practice, the harmful effects of use of polythene bags and the environmental pollution and deterioration in soil health caused due to residue burning in the field. Since some of the students were from science stream, they were apprised about how the microorganisms help to keep environment clean and their role in rapid composting of agricultural residues. The students were urged to spread the message given to them in their families and village and also to spend at least one hour a week to keep their school premises clean.



ICAR-NBPGR, New Delhi

ICAR-NBPGR has organized a lecture on “**Composting of Municipal Solid Wastes for Improvement of Soil Health**” by **Dr. G. Selvakumar, Principal Scientist, ICAR-Indian Institute of Horticultural Research, Bengaluru** on December 22, 2021 at 11:30 AM in virtual mode using Zoom platform and YouTube link. Seventy five scientists/technical/ administrative/ project staff of headquarters and Regional Stations attended the lecture. Dr Ashok Kumar, Director, ICAR-NBPGR has welcomed the speaker and participants. Dr. V. Celia Chalam, Head, Division of Plant Quarantine has introduced the speaker. Dr Selvakumar has given details about Municipal Solid Waste Policy (2016) Rules, Central Monitoring Committee, feasible options for handling of organic fraction of municipal solid wastes (MSW), composting systems for MSW, composting domestic waste using Kambha etc. Dr Selvakumar has also showed video on composting domestic waste using Kambha . This was followed by Question & Answer Session and Dr Kavita Gupta, OIC, PME Cell has proposed vote of thanks.



ICAR-NIBSM, Raipur

Dr. Sushil K. Sharma, Pr. Scientist and Team leader (MGMG-3) along with the Dr P.N. Sivalingam and Dr. Yogesh Yele team members had visited the village Dhansuli adopted under MGMG programme. The Team visited to gram panchayat office, Gauthan and other field area to create awareness of swachhata pakhwada and also given a short training-cum-demonstration on conversion of animal dung along with crop residues especially of paddy origin into compost and vermicompost. We also interacted with self help group women of Gauthan who are running it for preparation of vermicompost and their use in small level farming for their own use. The compost prepared are also being supplied to market for their sale.



ICAR-NRRI, Cuttack

| Activities undertaken | Participation |
|---|--|
| <ul style="list-style-type: none">Debate competitions were conducted among the students (Senior Class-Viii to X and Junior Class-VI to VII) of Central Rice Research Institute Government High School, Cuttack. The Topic for Senior class students in English was: "Swachhata campaign is trigger for social change?" and in Odia "Swachhata abhijan samajik paribartan paain sahayak ate?". The Topic for junior class students in Odia was "Swachhata samajar abhibruddhi samruddhire sahayak ki". | <ul style="list-style-type: none">About 23 students of Central Rice Research Institute Government High School, Cuttack participated in the debate competition. |



Senior class students debating in English and Odia on topic "Swachhata campaign is trigger for social change?"



Junior class students debating in Odia on topic "Swachhata samajar abhibruddhi samruddhire sahayak ki"

ANIMAL SCIENCE DIVISION

Reference : Email dated 9 December, 2021 from the office of ADG (TC) regarding date wise action plan of Swachhata Pakhwada (16-31st December 2021)

As per the guidelines of Govt. of India and subsequent directions received from the Council to observe *Swachhata Pakhwada* from 16-31st December 2021, the Animal Science Institutes undertook activities as per action plan on 22 December, 2021.

ICAR-Central Avian Research Institute (CARI), Izatnagar, Bareilly (U.P.)

Dr. Anupam Goel, Senior Physician, ICAR-IVRI human hospital delivered lecture on the topic 'importance of cleanliness and hygiene to prevent the COVID-19'. He described and pointed out the cleanliness of people in different manner and also described the different procedure for prevent of COVID-19. All the scientist and staffs were present at that function.



ICAR-Central Institute for Research on Buffalo (CIRB), Hisar (Haryana)

The cleanliness drive including cleaning areas in-front of animal shed was undertaken. The awareness lecture on importance of swachhata for healthy life was delivered to employees working in animal farm of the ICAR-CIRB, Hisar.



ICAR- Central Institute for Research on Cattle (CIRC), Meerut (U.P.)

कार्यक्रम के अंतर्गत डॉ. अशोक कुमार शर्मा-अध्यक्ष ने सभी को संबोधित करके कार्यक्रम के उद्देश्य और महत्व के बारे में जानकारी दी। कार्यक्रम के अंतर्गत डॉ. अशोक कुमार शर्मा-अध्यक्ष ने सभी को संबोधित करके कार्यक्रम के उद्देश्य और महत्व के बारे में जानकारी दी। कार्यक्रम के अंतर्गत डॉ. अशोक कुमार शर्मा-अध्यक्ष ने सभी को संबोधित करके कार्यक्रम के उद्देश्य और महत्व के बारे में जानकारी दी।



ICAR- Central Institute for Research on Goat (CIRG), Mathura (U.P.)

All the farm areas of Experimental animal sheds were cleaned and farm laborers were made aware about the importance of safe disposal of wastes and how to make compost instead of burning the wastes.



ICAR-Directorate of Poultry Research (DPR), Hyderabad (Telangana)

DPR staff conducted cleanliness and sanitation drive was done at the Guest House Area of ICAR-DPR Hyderabad along with all staff of the Directorate.



The Directorate of Foot and Mouth Disease (ICFMD), Arugul, Bhubaneswar

Extempore competition was held through both virtual platform and offline mode involving all the staffs of the institute to create awareness on Swachh Bharat Mission



ICAR-National Research Centre on Equines, Hisar (Haryana)

A campaign about the benefit of maintaining clean sewerage and water lines was initiated. Importance of timely cleaning of sewerages is very important as it prevents multiplication of various pathogens. Water in water lines should not remain stagnant which causes mosquito to grow. Efforts should be made for rain water harvesting which can be used for agriculture/horticulture and for kitchen. Water should not be wasted and there should be judicious use of water for this never forget to turn off the taps, use minimum water required for bath, reduce food wastage, time the gardening hour's morning/evening and repair leaky faucets and toilets. People were made aware for recycling of water.



ICAR-National Research Centre on Meat, Hyderabad (Telangana)

Shramdaan was performed near Experimental Animal shed. All the scientific, technical, administrative and contractual staff participated actively in the programme and cleaned the area by performing Shramadaan.



ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar

Cleanliness drive has been carried out at **Physiology & Climatology Division** and its near by area at ICAR-IVRI



ICAR-NRC on Mithun Medziphema, Nagaland

Conducted technology demonstrations on agricultural technologies for conversion of waste to wealth, safe disposal of all kinds of wastes attended by 28 officials.



ICAR-National Bureau of Animal Genetic Resources (NBAGR), KARNAL (Harvana)

a lecture about cleanliness and Health was delivered by Dr. P. Mathiyalagan, Former Registrar, Professor(Retd) Department of Veterinary and Animal Husbandry Extension, Communication and Entrepreneurship, TANUVAS. Director NBAGR, Karnal along with other staff members attended the Online lecture.



ICAR-National Dairy Research Institute (NDRI), Karnal (HARYANA)

ICAR-NDRI organized debate at NDRI Karnal campus and campus cleaning in Kalyani 22.12.2021. About 80 students and staff as well as faculty participated in the said activities.

A debate competition was organized at ICAR establishment *i.e.* at the classroom of Dairy Economics, Statistics and Management division, ICAR-National Dairy Research Institute at 12.00 PM on 22.12.2021 on the following topic “***Swachhbharat should be the first priority for overall development of India***”. Students across disciplines participated in the debate and

presented their views for and against the debate motion. The debate provided scope to the students to present their views on the mentioned topic and helped to create awareness among them. Participants highlighted the success of the swachhta program and its larger penetration in the society by changing group attitude which is beneficial for the society.



Cleanliness and Sanitation Drive was carried out on 22nd December 2021 In front of Goat Unit and left side of Students' Canteen of Eastern Regional Station, ICAR-National Dairy Research Institute, Kalyani.



ICAR-National Institute of Animal Nutrition and Physiology (NIANP), Bengaluru (Karnataka)

The old furniture, condemned equipments, batteries were disposed through auctioning by the committee.



ICAR-NIHSAD, Bhopal

a quiz competition was organized as a part of the 'Swachhta Pakhwada' activities. The topic of the competition was 'Clean India, Developed India'. In this competition, scientific, administrative and contractual staffs actively participated. The winners of the competition shall be awarded on the concluding day of Swachhta Pakhwada. Besides, regular trimming of trees, shrubs, and grasses for the beautification of campus and surrounding area, and regular cleanliness monitoring of campus, toilets and disposal bins were carried out.



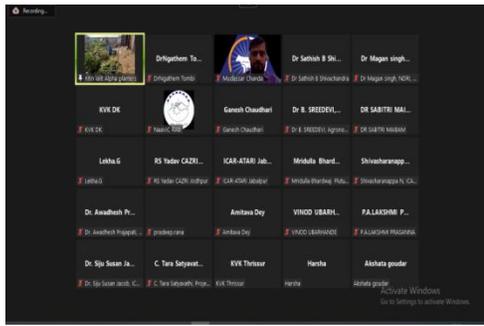
ICAR–National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru (Karnataka)

ICAR-NIVEDI organized a webinar on the topic “*Agricultural technologies for waste to wealth*”. The theme of the webinar was based on the “Waste to wealth” mission of the Prime Minister’s Science, Technology, and Innovation Advisory Council (PM-STIAC) to identify, develop and deploy technologies to treat waste to generate energy, recycle materials and extract worth. The broad objectives of the waste to wealth mission are as given below.

1. To identify and support the development of new technologies that can help create a cleaner and greener environment
2. To create circular economic models that are financially viable for waste management
3. To boost and augment the Swachh Bharat Mission and Smart Cities Project by leveraging science, technology and innovation
4. To streamline waste handling in India

Mr. Nithin Lalit founder of M/s Alpha planters demonstrated about the water saving planters made out of the recycled waste plastics. He emphasised that the alpha planters can eliminate the problems of under watering, overwatering, leaching and frequent hoeing. He stressed upon the need for preserving water in the future as well as to recycle the plastics to avoid health hazards. Mr. Pradeep Rana, founder of M/S Rana Rice Nursery highlighted about the use of rice husk, ash as well as waste from sugar cane industry for growing the seedlings. He emphasised that the quality of seedlings will be far better by adopting this method. Ms. MridulaBhradwaj, founder of M/s Plutus plus talked about the organic handmade skincare products made out of vegetable oil and/or animals fats.

A total of 47 participants from ICAR-NIVEDI, other ICAR institutes, KVKS, AICRP centres and others attended the webinar. Dr.Siju Susan Jacob, Scientist ICAR-NIVEDI and Mr. Shrikanth, Business Manager coordinated the program and proposed vote of thanks.



ICAR-National Research Centre on Camel, Bikaner (Rajasthan)

22.12.2021



ICAR-National Research Centre on Pig, Guwahati, Assam

A painting competition has been organized by the institute at Nargaon Mairapur ME School, Village- Nargaon, PO- Rani; to encourage and aware of the students about Swachhhta. The students of the Nargaon Mairapur ME School School positively took part in this competition and created paintings on swachhhta. A total of 28 students participated in the competition. Following are the photographs of the painting competition:



ICAR-NATIONAL RESEARCH CENTRE ON YAK, DIRANG-WEST KAMENG DISTRICT ARUNACHAL PRADESH

The institute organized Workshops, exhibitions, technology demonstrations on agricultural technologies for conversion of waste to wealth, safe disposal of all kinds of wastes.



ICAR-Central Sheep and Wool Research Institute (CSWRI), Avikanagar

ICAR-Central Sheep and Wool Research Institute (CSWRI), Avikanagar is a premier research institution dedicated to the advancement of sheep and wool production in India. The institute focuses on genetic improvement, breeding, and health management of sheep and goats. It also emphasizes the development of wool processing technologies and the promotion of wool as a natural fiber. The institute's research is aimed at increasing the productivity and sustainability of the sheep and wool sector, contributing to the economic growth and rural development of the country.



NRM Division

Daily Report on SwachhtaAbhiyaan Programme (22-12-2021)

ICAR-Central Soil Salinity Research Institute, Karnal

On 22ndDecember, 2021, a team of 4members from ICAR-CSSRI, Karnal has visited Government school and Anganbadi in village Kalampura,Karnal, Haryana for activity under Swachhata programme. Programme was initiated by Dr.Jogendra Singh, discussed broader perspectives of cleanliness of surroundings and better management of household waste to wealth, and safe disposal of waste by separated collection/management of dry and wet waste (green and blue dustbins). He briefed the various instructions to the student for maintaining hygiene i.e. wash hands before having the food, wash vegetables, fruits before eating and cooking. In addition, we have also organized a rally with school children to aware about Swachhata programme along with Dr. Awatar Singh and Er. Zeetendra Singh. Wealso distributed pen, diaries and food items to all the students.At last but not the least, Sworn the pledge to students, teachers and Anganbadi staff that they will try their level best tosanitation and Swachhata.



ICAR-Central Agroforestry Research Institute, Jhansi

A workshop was organized as one of the activities on the occasion of Swachhata Pakhwara by ICAR-Central Agroforestry Research Institute, Jhansi on 22.12.2021 on conversion of waste to wealth and safe disposal of all kinds of wastes. The staff members, YPs, RAs, SRFs, Security personnels etc. participated in the workshop near vermi-compost unit of research farm. A lecture on various techniques of agricultural/farm waste management and their utilization for increasing the crop productivity was delivered to the participants. Also, the vermi-composting process was explained and a demo was given for effective understanding.



ICAR-Central Research Institute for Dryland Agriculture, Hyderabad

A debate competition was organized on 22nd December 2021 for fostering healthy competition among the staff members as part of SwachhataPakhwada action plan. The topic of the debate was “IsSwachhata Everyone’s Responsibility?” About 10 participants (five spoke in favour of the motion and five against). The competition was attended by around 50 staff members of the institute. The participants were given 5 minutes to present their views in their convenient medium of communication. There was an active interaction among the staff and participants during the programme. The winners of the competition will be awarded and receive the prizes on 31st December 2021.



ICAR-MGIFRI, Motihari

Cleanliness and sanitation drive was organized in the campus on 22.12.2021. Ten people participated in this event and they were made aware about cleanliness and sanitation. Thereafter, some staff of the institute along with the people participated in the cleaning activity near main gate area of the institute. The details plan of activities for cleanliness of the main gate area were chalk out with participation of the people under the guidance of Dr. K.G. Mandal, Director of the institute.



ICAR-IISS, Bhopal

Demonstration on Agricultural Technology for conversion of Waste to wealth

Demonstrations of sprinkler irrigation, No-tillage, residue management in the field, vermicomposting and Nutrient management at Raipur village adopted under SCSP program. A field day on Vermicomposting and residue management for safe disposal of farm waste was also organized in which 20 farmers have participated.



ICAR-IISWC, Dehradun

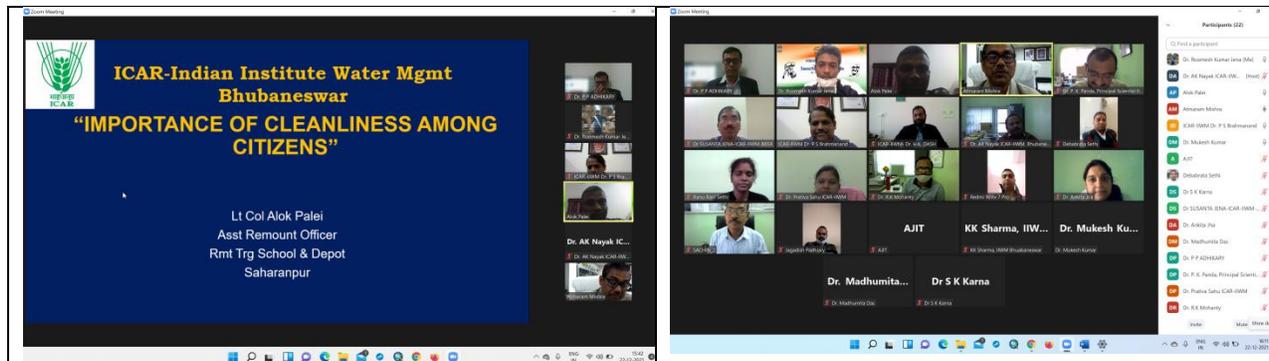
Awareness campaign on Swachhta Pakhwada Programme and cleaning activity in TSP adopted village (Mattajanahalli village). 25 farmers participated in the program.



ICAR-Indian Institute of Water Management, Bhubaneswar

On the seventh day of Swachhta Pakhwada of ICAR-Indian Institute of Water Management (IIWM), Bhubaneswar, We organised one expert talk on virtual mode. The chief speaker on this occasion was Lt.Col. (Dr.) Alok Palei, Assistant Remount Officer, Remount Training School and Depot, Sharanpur, Indian Army, Govt. of India. He delivered his lecture on “**Importance of Cleanliness among Citizens**”. In the beginning Dr. P.S.B. Anand, Principal Scientist & Head of the Office welcome the Chief speaker. Lt. Col. (Dr.) Palei in his talk spoke about the aim and components of Swachh Bharat Abhiyan. He explained about various activities undertaken by the Indian Army mainly swachhta pakhwada, cleanliness drives and run for clean environment. He

spoke about the concept of one health which expands the arena of responsibility of citizens. Dr. Atmaram Mishra, Director, ICAR-IIWM praised the lecture and briefed about institute to the Chief speaker. The programme was attended by all scientists and staff. At the end, Dr. Roomesh Kumar Jena, Scientist, ICAR-IIWM gave vote of thanks to all the dignitaries.



Lt.Col. (Dr.) Alok Palei delivering his lecture on the topic “Importance of Cleanliness among Citizens” in the virtual mode.

Chief speaker Lt.Col. (Dr.) AlokPalei and Dr. Atmaram Mishra, Director, ICAR-IIWM along with Scientists and staff

ICAR-CCARI, Goa

- Technology Demonstration for Waste to Wealth in Agriculture was conducted – 30 Participants
- Silent Swachhta Awareness procession (Rally) was conducted from the ICAR-CCARI campus –Bom Jesus Church- Old Market – SBI and back to ICAR Campus. All the Officials/staff members and the contractual staff participated in the silent procession - 250 Participants

