



Promote bio-pesticides for pest, disease control: Experts

STAFF REPORTER / Raipur

The two-day workshop came up with key conclusions for the promotion of bio-pesticides and stimulants for pest and disease control, the necessity of an integrated approach to manage abiotic and biotic stresses, and the need to put more efforts on multiple stress tolerant varieties.

It underlined the importance of addressing climate change in stress management, and the imperative for capacity building and policy issues and the use of AI and machine learning tools in biotic stress management.

The valedictory function was addressed by Dr. P. K. Ghosh, Director and Vice-Chancellor of ICAR-NIBSM, Prof. Piyush K. Pandey, Vice-Chancellor, Amity University, Raipur, Dr. Sammi Reddy, Director of NIASM, Raipur on Thursday.

Dr. Panjab Singh, former Director General of ICAR and Secretary DARE, New



Delhi chaired the valedictory session. Approximately 250 distinguished scientists, industry partners, and students presented their research findings. Dr. P. K. Ghosh provided an overview of the conference's proceedings, highlighting sessions, academia-industry interactions. Dr. K. K. Mandal summarised the proceedings of the two-day conference.

Key lectures included Dr. AN Mukhopadhyaya's discussion on the utility of Trichoderma species in pest control, Dr. Ratan Lal's emphasis on soil health's crucial role in plant and human health, and Dr. Deepal Pentel's insights into using traditional and genetic engineering tools for plant and food security.

A Special Session on Academia-Industry Interaction



provided a platform for industry partners to showcase products and exchange perspectives. A Panel Discussion on novel strategies for mitigating biotic and abiotic stresses featured distinguished speakers sharing their insights, chaired by Dr. Panjab Singh.

All stakeholders including scientists, students, agro-based industries, farm ma-

chinery companies, farmer producer organizations, agro-chemical companies, NGOs, agri-drone manufacturers, horticulture firms, and livestock firms got a platform to engage in vibrant discussions and networking opportunities.

The conference was jointly organised by ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur, Chhattisgarh, ICAR-National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati, Maharashtra and Amity University, Chhattisgarh, Raipur.

The conference, theme was "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability," emphasised on six key themes, covering emerging biotic and abiotic stresses, climate-resilient agriculture, management strategies for both types of stress, and capacity building and policy issues.

Order to relieve teachers

RAIPUR: On the call of Chhattisgarh School Education Minister Bijnesh Aggarwal, the School Education Department on Wednesday issued order to release the teacher cadre employees engaged in non-academic work from Mantilaya Mahanadi Bhawan, Nava Raipur Atal Nagar to their original posting school.



DEVELOP VARIETIES, BREEDS WITH CO-TOLERANCE: EXPERT

STAFF REPORTER / Raipur

Dr. S. Ayyappan former Secretary of DARE and DG of ICAR (Indian Council of Agricultural Research) called for the development of varieties and breeds with co-tolerance to both types of stressors (abiotic and biotic), prioritizing environmental sustainability and employment generation.

He was addressing the inaugural session of the two-day national conference on the theme "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability" organised at NIBSM premises, Raipur.

The conference is jointly organised by ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur (Chhattisgarh), ICAR-National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati (Maharashtra) and Amity University Chhattisgarh, Raipur.

Dr. S. Ayyappan emphasized the importance of addressing biotic, abiotic, and social stresses through collaborative, secondary and climate-smart agriculture. He stressed the interconnectedness between biotic and abiotic stresses, noting that addressing one can influence the other. Advanced technologies such as AI and machine learning are essential in tackling these challenges effectively.

He proposed the Baronda declaration, advocating for a seamless transition from science to fields through enhanced research and implementation efforts.



Dr. K. Sammi Reddy, the director of ICAR-NIASM highlighted the development of nature-positive maps for adaptation and mitigation strategies across various crops and regions, advocating for the use of genome tools to manage both biotic and abiotic stressors effectively.

Prof. Piyush K. Pandey, Vice-Chancellor of Amity University Chhattisgarh, Raipur, expressed willingness to collaborate with NIBSM in AI and machine learning for managing biotic stresses and developing farmer-applicable technologies, emphasizing the importance of collaborative science over isolated efforts.

Dr. S. N. Puri stressed on the need to sensitize policymakers and administrators on pest management, quarantine, and regulatory issues, while

also highlighting the importance of nematode and storage pest management.

Prof. A. N. Mukhopadhyay underscored the significant losses in crop yield due to pests, diseases, and food waste during storage, stressing the importance of low-cost technologies for small-scale farmers and advocating for NIBSM's involvement in policy matters.

The dignitaries released an abstract book compiling all accepted abstracts for publication, along with a souvenir and Saga of NIBSM Journey, depicting major events pictorially. Additionally, two technical bulletins published by ICAR-NIASM, Baramati, showcasing Natural Resource Management technologies developed by the institute, are also released.

National conference by ICAR-NIBSM begins

■ Staff Reporter
RAIPUR, Feb 28

THE two-day mega maiden national conference on the theme 'Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability' by ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur commenced on Wednesday.

Dr S Ayyappan, a Padma Shree award winner and the former Secretary of DARE and DG of ICAR (Indian Council of Agricultural Research), former Vice-Chancellor of AAU (Jorhat) and the current Research Advisory Committee member of NIBSM Professor A N Mukhopadhyay, the former Vice-Chancellor of CAU (Manipur) Dr S N Puri, former Chairman of the Agricultural Scientists Recruitment Board (ASRB) in New Delhi Dr C D Mayee, Director and Vice-Chancellor of ICAR-NIBSM Dr P K Ghosh, Vice-Chancellor of Amity University Chhattisgarh Professor Piyush K Pandey and Dr K Sammi Reddy from ICAR-NIBSM, Baramati graced the



Special guests and dignitaries releasing the technical bulletins published by ICAR-NIASM, Baramati during national conference.

podium podium in inaugural session. Around 250 distinguished scientists, industry partners and students are expected to attend conference.

The Inaugural Session was honored by the presence of the first Officer-In-charge of ICAR-NIBSM (Raipur) Dr T K Rajendran, Director of the Indian Institute of Oilseeds Research (ICAR-IIOR) in Hyderabad Dr R K Mathur, Director of ICAR-Research Complex for Eastern Region in Patna (Bihar) Dr Anup Das along with Dr Swapan Datta (former DDG, ICAR), Dr NK Krishna Kumar (former DDG-Hort, ICAR), Dr Deepak Pental (former Vice Chancellor, Delhi University), K M Bujarbaruah (former DDG, ICAR) and Dr P

Das (former DDG-Ext, ICAR).

Dr S Ayyappan expressed appreciation for the efforts of previous and current directors in the development of the institute, which was established in 2012. Highlighting that NIBSM stands as the sole ICAR institute in Chhattisgarh state, he underscored the institute's significant role in advancing One Health, food security with a focus on plant health. He proposed the Baronda declaration, advocating for a seamless transition from science to fields through enhanced research and implementation efforts.

Dr K Sammi Reddy shared that their institute has developed an abiotic stress information system and facilitated NIASM-KVK interaction, show-

casing technologies suitable for neglected areas in Maharashtra and Chhattisgarh.

Professor Piyush K Pandey, Vice-Chancellor of Amity University Chhattisgarh, Raipur expressed willingness to collaborate with NIBSM in AI and machine learning for managing biotic stresses and developing farmer-applicable technologies, emphasizing the importance of collaborative science over isolated efforts.

The conference is structured around six key themes: emerging biotic and abiotic stresses, climate-resilient agriculture, trends in abiotic stress management strategies, biotic stress management strategies, novel strategies for managing biotic and abiotic stresses, and capacity building and policy issues.

Later, two technical bulletins published by ICAR-NIASM, Baramati, showcasing Natural Resource Management technologies developed by the institute were also released.

The inaugural session concluded with a vote of thanks delivered by Joint Director of NIBSM, Raipur Dr Pankaj Sharma.

National conference by ICAR-NIBSM inaugurated

● Theme is "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability"

Raipur, Feb 28: The national conference by ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur was inaugurated here on Tuesday and the main theme is "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability." Approximately 250 distinguished scientists, industry partners, and students are expected to attend the conference. Dr. S. Ayyappan

expressed appreciation for the efforts of previous and current directors in the development of the institute, which was established in 2012. Highlighting that NIBSM stands as the sole ICAR institute in Chhattisgarh state, he underscored the institute's significant role in advancing One Health, food security with a focus on plant health. Dr. Ayyappan emphasized the importance of addressing biotic, abiotic, and social stresses through collaborative, secondary and climate-smart agriculture. He stressed the interconnectedness between biotic and abiotic stresses, noting that addressing one can influence the other. Advanced technologies such as AI and machine learning are essential in tackling these challenges effectively. Dr. Ayyappan called for the development of varieties and

breeds with co-tolerance to both types of stressors, prioritizing environmental sustainability and employment generation. Urging immediate action to address pressing issues, he emphasized the importance of learning from sister institutions and other science departments like DRDO. He proposed the Baronda declaration, advocating for a seamless transition from science to fields through enhanced research and implementation efforts.

Dr. K. Sammi Reddy, the director of ICAR-NIASM, shared that their institute has developed an abiotic stress information system and facilitated NIASM-KVK interaction, showcasing technologies suitable for neglected areas in Maharashtra and Chhattisgarh. They've made strides in climate-smart agriculture, fish-



eries, animal sciences, and recycling technologies, emphasizing the need to address multiple stresses simultaneously. Dr. Reddy highlighted the development of nature-positive maps for adaptation and mitigation strategies across various crops and regions, advocating for the use of genome tools to manage both biotic and abiotic stressors effectively.

Prof. Piyush K Pandey, Vice-Chancellor of Amity University

Chhattisgarh, Raipur, outlined the university's global presence with a student enrollment of 200,000 students and its local presence in Chhattisgarh with 3,000 students across ten schools. He expressed willingness to collaborate with NIBSM in AI and machine learning for managing biotic stresses and developing farmer-applicable technologies, emphasizing the importance of collaborative science over isolated efforts.

Dr. S N Puri elaborated on the origins of the institute and NIASM as deemed universities of national importance, aiming to strengthen graduate and postgraduate student capabilities. He envisioned NIBSM as a crucial national institute in plant protection, focusing on addressing farmers' major challenges such as pest and disease management and optimizing input usage to enhance their incomes. Dr. Puri stressed the need to sensitize policy-makers and administrators on pest management, quarantine, and regulatory issues, while also highlighting the importance of nematode and storage pest management. He emphasized the institute's role in national policy formulations.

Prof. A N Mukhopadhyay highlighted NIBSM's unique position as the world's first institute of its kind and its potential contribution to food security for India's 1.4 billion population through crop protection technologies. He underscored the significant issues in crop yield due to pests, diseases, and food waste during storage, stressing the importance of low-cost technologies for small-scale farmers and advocating for NIBSM's involvement in policy matters. With the participation of renowned scientists from India and around the world, the conference serves as a platform for discussing the latest scientific innovations in crop stress management. Various stakeholders, including agro-based industries, farm machinery companies, farmer producer organizations (FPOs), agro-chemical companies, NGOs, agri-drone manufacturers, horticulture firms, and livestock firms, are actively engaged in presenting

their products and ideas for wider discussion and networking opportunities.

Throughout the conference, an abstract book compiling all accepted abstracts for publication is released, along with a souvenir and Saga of NIBSM Journey, depicting major events pictorially. Additionally, two technical bulletins published by ICAR-NIASM, Baramati, showcasing Natural Resource Management technologies developed by the institute, are also released. The inauguration of the Biotic Stress Management Society by dignitaries marks another significant event during the conference.

The inaugural session concludes with a vote of thanks delivered by Dr. Pankaj Sharma, Joint Director of NIBSM, Raipur.

Two-day national conference by ICAR-NIBSM successfully concludes

Raipur, Feb 29: Dr. P K Ghosh, Director and Vice-Chancellor of ICAR-NIBSM, Prof. Piyush K Pandey, Vice-Chancellor, Amity University, Raipur, Dr. Sammi Reddy, Director of NIASM, Raipur addressed during the valedictory session of a two-day national conference on February 28-29 in Raipur. Dr. Panjab Singh, former Director General of ICAR and Secretary DARE, New Delhi chaired the valedictory session. Approximately 250 distinguished scientists, industry partners, and students are presented their research findings. Dr. P K Ghosh provided an overview of the conference's proceedings, highlighting sessions, academia-industry interactions. Dr. KK Mandal summarised the proceedings of the two day conference.

The conference, theme is "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and



Environmental Sustainability," was organized around six key themes, covering emerging biotic and abiotic stresses, climate-resilient agriculture, management strategies for both types of stress, and capacity building and policy issues. During the Inaugural Session, Dr. S. Ayyappan, Former Secretary DARE and DG ICAR, graced the event alongside eminent scientists such as Dr. AN Mukhopadhyay, Dr. Swapan Datta, Dr. NK Krishna Kumar, and Dr. P Das. The Valedictory session will be honored by the presence of Dr. Panjab Singh. Noteworthy lectures included Dr. AN

Mukhopadhyaya's discussion on the utility of Trichoderma species in pest control, Dr. Ratan Lal's emphasis on soil health's crucial role in plant and human health, and Dr. Deepal Pental's insights into using traditional and genetic engineering tools for plant and food security. A special session on Academia-Industry Interaction provided a platform for industry partners to showcase products and exchange perspectives. Additionally, a Panel Discussion on novel strategies for mitigating biotic and abiotic stresses featured distinguished speakers sharing their insights, chaired by Dr.

Panjab Singh. There is a good participation of all stakeholder including scientists, students, agro-based industries, farm machinery companies, farmer producer organizations, agro-chemical companies, NGOs, agri-drone manufacturers, horticulture firms, and livestock firms to engage in vibrant discussions and networking opportunities.

Key conclusions drawn from the discussions included the promotion of bio-pesticides and stimulants for pest and disease control, the necessity of an integrated approach to manage abiotic and biotic stresses, need to put more efforts on multiple stress tolerant varieties, the importance of addressing climate change in stress management, and the imperative for capacity building and policy issues and the use of AI and machine learning tools in biotic stress management.

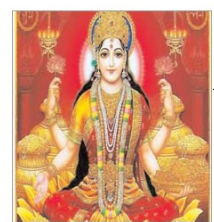


रायपुर, बिलासपुर एवं जबलपुर से एक साथ प्रकाशित

दैनिक



आश्रद्धा



आज का विचार

तुम्हारा उद्देश्य किसी दूसरे से अच्छा होना नहीं बल्कि जैसे तुम पहले थे उससे अच्छा होना, होना चाहिए।
दलाई लामा

रायपुर, मंगलवार 27 फरवरी 2024 वर्ष: 82 अंक: 245

अमृत का स्वर सत्ता के आलोकनालक एवं विद्रोह सरकार के विरोध में था। उसके सम्पादक को सन् 1943 में आपत्तिजनक लेख प्रकाशित करने के कारण गवर्नर प्रॉबिन्शियल प्रेस एक्टाइजरी कमेटी द्वारा दो बार चेतावनी दी गई। सितम्बर 1943 में प्रांतीय शासन ने सम्पादक पर तीन माह के लिए प्री-सिक्चरिटी आदेश शामिल किया था। वर्ष के उत्तरार्ध में सम्पादक की गिरफ्तारी के बाद समाचार पत्र का प्रकाशन अस्थायी रूप से स्थगित कर दिया गया था। पुनः प्रकाशन सन 1944 में आरंभ हुआ। रायपुर मजिस्ट्रेट से

चाहते हैं घर में माँ लक्ष्मी का वास तो करें ये आसान काम हमेशा भरी रहेगी तिजोरी

डाक संस्करण बुधवार 28 फरवरी 2024 पृष्ठ: 08, मूल्य ₹. 1.00

दो दिवसीय राष्ट्रीय सम्मेलन कल से

रायपुर (संवाददाता)। दो दिवसीय राष्ट्रीय सम्मेलन संयुक्त रूप से आईसीएआर-नेशनल इंस्टीट्यूट ऑफ बायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईबीएसएम), रायपुर, एमिटी यूनिवर्सिटी छत्तीसगढ़ (एयूसी), रायपुर और आईसीएआर-नेशनल इंस्टीट्यूट ऑफ एबायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईएसएम), बरामती, महाराष्ट्र द्वारा संयुक्त रूप से 28-29 फरवरी को यहां आईसीएआर-एनआईबीएसएम संस्थान परिसर में आयोजित किया जायेगा।

आईसीएआर-नेशनल इंस्टीट्यूट ऑफ बायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईबीएसएम) के निदेशक और कुलपति डॉ. पी.के. घोष और एमिटी यूनिवर्सिटी, रायपुर के कुलपति प्रोफेसर (डॉ.) पीयूष कांत पांडे ने संयुक्त रूप से मोडिया को बताया कि दो दिवसीय राष्ट्रीय सम्मेलन 28-29 फरवरी को ICAR-NIBSM संस्थान परिसर में आयोजित किया जा रहा है। ICAR-NIASM, बरामती, महाराष्ट्र भी इसका एक हिस्सा है।

डॉ. पी.के. घोष ने कहा कि सम्मेलन में लगभग 300 प्रतिष्ठित वैज्ञानिकों, उद्योग भागीदारों और छात्रों के शामिल होने की उम्मीद है। सम्मेलन में वक्ताओं की एक प्रभावशाली श्रृंखला शामिल है, जिसमें डॉ. एस. अय्यप्पन, पूर्व सचिव डेयर और डीजी आईसीएआर और डॉ. ए.एन. जैसे अन्य प्रतिष्ठित वैज्ञानिक शामिल हैं। मुखोपाध्याय, डॉ. सी.डी. मायी, डॉ. एस.एन. पुरी जो उद्घाटन सत्र को शोभा बढ़ाएंगे।

समापन सत्र में डॉ. पंजाब सिंह, पूर्व सचिव डेयर और महानिदेशक, आईसीएआर उपस्थित रहेंगे। कृषि और पर्यावरणीय स्थिरता के लिए जैविक और अजैविक तनावों को कम करने के लिए नवीन रणनीतियाँ विषय के तहत, सम्मेलन छह प्रमुख विषयों पर चर्चा करेगा। वे हैं बदलती जलवायु के तहत उभरते जैविक और अजैविक तनाव,

जलवायु लचीले कृषि और पर्यावरणीय स्थिरता में हालिया दृष्टिकोण, अजैविक तनाव प्रबंधन रणनीतियों में हालिया रुझान, जैविक तनाव प्रबंधन रणनीतियों में हालिया रुझान, अजैविक और जैविक तनावों के संयुक्त प्रभावों को समझने और कम करने के लिए नए दृष्टिकोण।, तनाव प्रबंधन में क्षमता निर्माण और नीतिगत मुद्दे।

अकादमिक-उद्योग इंटरैक्शन पर एक विशेष सत्र उद्योग भागीदारों को अपने उत्पादों और दृष्टिकोणों को प्रदर्शित करने के लिए एक मंच प्रदान करेगा। उद्योग भागीदारों, केंवोके और गैर सरकारी संगठनों द्वारा अपने उत्पादों और प्रौद्योगिकियों को प्रदर्शित करने के लिए 16 स्टॉल लगाए जाएंगे। स्कूली बच्चों और एनआईबीएसएम तथा एमिटी यूनिवर्सिटी के विद्यार्थियों के साथ विज्ञान प्रदर्शनी लगाई जाएगी, साथ ही विद्यार्थियों द्वारा नवीनता दिखाने के लिए स्टॉल भी लगाए जाएंगे। डॉ. पी.के. घोष ने कहा कि एक पैनल चर्चा कृषि और पर्यावरणीय चुनौतियों के समाधान के लिए नवीन रणनीतियों पर केंद्रित होगी। प्रो. पीयूष कांत पांडे ने कहा कि कृषक समुदाय के सामने आने वाली समस्याओं का समाधान खोजने के लिए बहुआयामी रणनीतियाँ बनानी होंगी। समस्या से बहुध्रुवीय, बहुविषयक और बहुआयामी दृष्टिकोण से निपटना होगा। जलवायु परिवर्तन के मुद्दों के लिए गहन शोध को आवश्यकता है।





Two-day national conference from Feb 28

RAIPUR

Two-day national conference is jointly organized by ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur, Amity University Chhattisgarh (AUC), Raipur, and the ICAR-National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati, Maharashtra at the ICAR-NIBSM institute premises here on February 28-29.

Dr. P. K. Ghosh, Director and Vice-Chancellor of ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM) and Prof (Dr) Piyush Kant Pandey Vice-Chancellor of Amity University, Raipur jointly addressing media said that two-day national conference is being organised on February 28-29 at ICAR-NIBSM institute premises. ICAR-NIASM, Baramati, Maharashtra is also a part of it.

Dr. P. K. Ghosh said that the conference is expected to draw around 300 distinguished scientists, industry partners, and students. The conference boasts an impressive line-up of speakers, in-



cluding Dr. S. Ayyappan, Former Secretary DARE and DG ICAR and other eminent scientists like Dr. A.N. Mukhopadhyay, Dr. C.D. Mayee, Dr. S. N. Puri who will grace the inaugural Session.

The valedictory session will be graced by Dr. Panjab Singh, Former Secretary DARE and DG, ICAR.

Under the theme "Novel Strategies for Mitigating Biotic and Abiotic Stresses for

Agricultural and Environmental Sustainability," the conference will delve into six key themes. They are emerging biotic and abiotic stresses under changing climate, recent approaches in climate resilient agriculture and environmental sustainability, recent trends in abiotic stress management strategies, recent trends in biotic stress management strategies, novel approaches to under-

stand and mitigate combined effects of abiotic and biotic stresses, capacity building and policy issues in stress management.

A special session on Academia-Industry Interaction will provide a platform for industry partners to showcase their products and perspectives. 16 stalls will be installed by industry partners, KVK and NGO's to showcase their products and technologies. Science exhibitions with school children and students of NIBSM and Amity University will be placed along with stalls for showing innovativeness by the students. A Panel Discussion will focus on innovative strategies for addressing agricultural and environmental challenges, said Dr. P. K. Ghosh.

Prof. Piyush Kant Pandey said multipronged strategies had to be formulated for finding solutions to the problems faced by the farming community. The problem has to be tackled with a multipolar, multidisciplinary and multidimensional approach. For climate change issues, intense research is required.

ICAR-NIBSM to hold conference on climate resilient agriculture, environ sustainability

TIMES NEWS NETWORK

Raipur: The ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur, is all set to organise a two-day national conference on climate-resilient agriculture and environmental sustainability, on February 28-29 in Raipur.

At a press conference, ICAR-NIBSM director and



Organisers address a press conference at Amity University

Vice-Chancellor Dr P K Ghosh, and Amity University

Vice-Chancellor professor Piyush Kant Pandey, said the conference, is expected to draw 300 scientists, industry partners, and students.

Under the theme "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability," the experts at the conference will deliberate into the six key themes, he added.

ICAR-NISBM, Amity University to hold National Conference

■ Staff Reporter
RAIPUR, Feb 22

ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur in association with Amity University Chhattisgarh (AUC) is organising a maiden two-day national conference at Raipur from February 28.

National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati (Maharashtra) is also part of the event.

The theme of two-day conference is 'Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability'.

The conference will be participated by agro-based industries, farm machinery companies, Farmer Producer Organisations (FPOs), agro-chemical companies, Non-Governmental Organisations (NGOs), agri-drone manufacturers, horticulture firms and livestock firms.

The participants are likely to showcase cutting-edge technologies and products at the ICAR-NIBSM campus in Baronda during the two-day conference.

ICAR nat'l conference on Feb 28

STAFF REPORTER ■
RAIPUR

ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur and Amity University Chhattisgarh (AUC), Raipur is organizing a maiden two-day national conference on February 28-29 in Raipur.

National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati, Maharashtra is also part of the event.

The theme of the event is "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability".

The conference will be participated by Agro-based industries, Farm Machinery Companies, Farmer

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Producer Organizations (FPOs), Agro-Chemical Companies, Non-Governmental Organizations (NGOs), Agri-Drone manufacturers, Horticulture Firms, and Livestock Firms. They are likely to showcase cutting-edge technologies and products at the ICAR-NIBSM Campus in Baronda during the two-day conference.



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CHHATTISGARH

राजधानी में आयोजित होगा दो दिवसीय कृषि और पर्यावरणीय स्थिरता के लिए राष्ट्रीय सम्मेलन

4 days ago PTV Bharat No Comments



PTV BHARAT रायपुर रायपुर, 26 फरवरी, 2024-राष्ट्रीय जैविक स्ट्रेस प्रकान संस्थान (भाकू अनुप-राजेस्ट्रेप्रस) के निदेशक और कुलपति डॉ पी के घोष ने आज आईसीएआर में पेंस और मीडिया को संबोधित किया। दो दिवसीय राष्ट्रीय सम्मेलन, भाकू अनुप रायपुर, एमिटी यूनिवर्सिटी उत्तीसगढ़ (एयूसी), रायपुर और भाकू अनुप द्वारा संयुक्त रूप से आयोजित किया गया लगभग 300 प्रतिष्ठित वैज्ञानिकों, उद्योग भागीदारों और छात्रों के आने की उम्मीद है, सम्मेलन में वक्ताओं की एक प्रभावशाली श्रृंखला शामिल है, जिसमें डॉ. एस. अव्यप्पन, पूर्व सचिव डेयर और डीजी भाकू अनुप, और डॉ. सीडी मेयी, पूर्व अध्यक्ष, कृषि वैज्ञानिक भती बोर्ड शामिल हैं। (एएसआरबी), जो उदात्तन सत्र की शोभा बढ़ाएंगे। उल्लेखनीय वक्ता जैसे डॉ. एएन मुखोपाध्याय, डॉ. स्वपन दत्ता, डॉ. दीपक पेटल, डॉ. एनके कृष्ण कुमार, डॉ. पी दास, के. एम. बुजरयरा, डॉ. एस. के. चौधरी और डॉ. सीमी रेड्डी भी कार्यक्रम के दौरान अपनी अंतर्दृष्टि साझा करने के लिए तैयार हैं। समापन सत्र में डॉ. पंजाब सिंह, पूर्व सचिव डेयर और महानिदेशक, आईसीएआर उपस्थित रहेंगे। कृषि और पर्यावरणीय स्थिरता के लिए जैविक और अजैविक स्ट्रेस को कम करने के लिए नवीन रणनीतियों विषय के तहत, सम्मेलन छह प्रमुख विषयों पर चर्चा करेगा, जिसमें उभरते जैविक और अजैविक स्ट्रेस से लेकर क्षमता निर्माण और नीतिगत मुद्दे शामिल हैं। इसके अलावा, अकादमिक- उद्योग प्रभाव पर एक विशेष सत्र उद्योग भागीदारों को अपने उत्पादों और दृष्टिकोणों को प्रदर्शित करने के लिए एक मंच प्रदान करेगा, जबकि एक दल कृषि चर्चा और पर्यावरणीय चुनौतियों के समाधान के लिए नवीन रणनीतियों पर ध्यान केंद्रित करेगी। व्यापक भागीदारी के महत्व पर जोर देते हुए, आयोजकों ने वैज्ञानिकों और छात्रों तथा कृषि आधारित उद्योगों, फार्म मशीनरी कंपनियों, किसान उत्पादक संगठनों (एफपीओ), कृषि-रासायनिक कंपनियों, गैर- सरकारी संगठनों (एनजीओ), कृषि-ड्रोन निर्माताओं, बागवानी फर्मों से आग्रह किया है। और पशुधन फर्म सम्मेलन में शामिल होगी, जीवत चर्चाओं और नेटवर्किंग अवसरों में योगदान देंगी।



छत्तीसगढ़

प्रदेश का खबरदार अखबार



रायपुर

आईसीएआर-राष्ट्रीय सम्मेलन सह प्रदर्शनी 28 को

10-Feb-2024 3:44 PM

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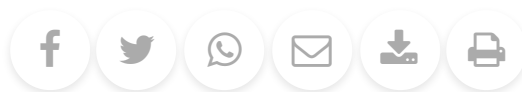
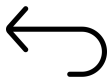
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रायपुर, 10 फरवरी। आईसीएआर-नेशनल इंस्टीट्यूट ऑफ बायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईबीएसएम), रायपुर और एमिटी यूनिवर्सिटी छत्तीसगढ़ (एयूसी), रायपुर 28-29 फरवरी को रायपुर में पहला दो दिवसीय राष्ट्रीय सम्मेलन आयोजित कर रहे हैं।

राष्ट्रीय अजैविक तनाव प्रबंधन संस्थान, बारामती, महाराष्ट्र भी इस आयोजन का हिस्सा है। विषय है कृषि और पर्यावरणीय स्थिरता के लिए जैविक और अजैविक तनाव को कम करने के लिए नवीन रणनीतियाँ।

सम्मेलन में कृषि आधारित उद्योग, फार्म मशीनरी कंपनियां, किसान उत्पादक संगठन (एफपीओ), कृषि-रासायनिक कंपनियां, गैर-सरकारी संगठन (एनजीओ), कृषि-ड्रोन निर्माता, बागवानी फर्म और पशुधन फर्म भाग लेंगे। उनके दो दिवसीय सम्मेलन के दौरान बरोंडा में आईसीएआर-एनआईबीएसएम परिसर में अत्याधुनिक प्रौद्योगिकियों और उत्पादों का प्रदर्शन करने की संभावना है। संयोजक और आयोजन सचिव डॉ. पी कौशल ने कहा कि इच्छुक कृषि उद्योग प्रदर्शनी का हिस्सा बनने के लिए एनआईबीएसएम से संपर्क कर सकते हैं।



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ICAR-NIBSM to hold two-day national conference

■ Staff Reporter

RAIPUR, Feb 26

ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur, in association with Amity University Chhattisgarh (AUC) and ICAR-National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati (Maharashtra) will organise two-day national conference at the ICAR-NIBSM institute premises from February 28.

Theme of the conference is 'Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability'.

Sharing details of the conference, Director and Vice-Chancellor of ICAR-NIBSM Dr P K Ghosh said that the conference is expected to draw around 300 distinguished scientists, industry partners and students. An impressive line-



Director and Vice-Chancellor of ICAR-NIBSM Dr P K Ghosh (R) elaboration on the special features of the national conference. Vice-Chancellor of Amity University Dr Piyush Kant Pandey looks on.

up of speakers including former Secretary DARE and DG ICAR Dr S Ayyappan and other eminent scientists like Dr A N Mukhopadhyay, Dr C D Mayee and Dr S N Puri will grace the inaugural session.

Notable speakers such as Dr Swapan Datta, Dr Deepak Pental, Dr N K Krishna Kumar, Dr P Das and Dr Sammi Reddy

are also set to share their insights during event. The valedictory session will be graced by Former Secretary DARE and DG, ICAR Dr Panjab Singh.

Under the theme 'Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability', the conference will delve into six key themes - prominent and emerging biotic and abiotic stresses under changing climate, recent approaches in climate resilient agriculture and environmental sustainability, recent trends in abiotic stress management strategies, recent trends in biotic stress management strategies, novel approaches to understand and mitigate combined effects of abiotic and biotic stresses, capacity building and policy issues in stress management. Moreover, a special session on academia-industry interaction

will provide a platform for industry partners to showcase their products and perspectives. A total of 16 stalls will be installed by industry partners, KVK and NGO's to showcase their products and technologies. Science exhibition with school children and students of NIBSM and Amity University will be placed along with stalls for showing innovativeness by the students. A panel discussion will focus on innovative strategies for addressing agricultural and environmental challenges, said Dr P K Ghosh.

Vice-Chancellor of Amity University Professor Piyush K Pandey said multi-prong strategies have to be formulated for finding solutions to the problems faced by the farming community.

The problem has to be tackled with multi-polar, multi-disciplinary and multi-dimensional approach, said Pandey

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(https://www.emsindia.com/news)

राज्य

(रायपुर) राष्ट्रीय सम्मेलन और प्रदर्शन –2024

📅 08-Feb-2024

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रायपुर (ईएमएस)। आईसीएआर- राष्ट्रीय जैविक स्ट्रेस प्रबंधन संस्थान (आई सी ए आर- एन आई बी एस एम), रायपुर आप सभी का हार्दिक स्वागत करता है, पहले राष्ट्रीय सम्मेलन पर “कृषि और पर्यावरण स्थिरता के लिए जैविक और अजैविक तनावों को कम करने के लिए नए रणनीतियाँ जो 28-29 फरवरी, 2024 को आईसीएआर-एनआईबीएसएम, रायपुर, छत्तीसगढ़ में आयोजित होने जा रहा है। यह सम्मेलनआईसीएआर-एनआईबीएसएम, रायपुर के सहयोग से आयोजित होने जा रहा है,जो कि अमिटी यूनिवर्सिटी छत्तीसगढ़ (एयूसी), रायपुर और राष्ट्रीय अजैविक तनाव प्रबंधन संस्थान (आईसीएआर-एनआईएसएम), बारामती, महाराष्ट्र के साथ संयुक्त रूप से किया जा रहा है। जिसमें कृषि आधारित उद्योगों, फार्म मशीनरी कंपनियों, किसान उत्पादक संघ (एफ पी ओ), कृषि रसायन कंपनियों गैर-सरकारी संगठनों (एन जी ओ), कृषि -ड्रोन निर्माताओं, बागवानी कंपनियों, और पशुधन कंपनियों में रुचि रखने वाले प्रतिभागियों का 28-29 फरवरी, 2024आईसीएआर-एनआईबीएसएमकैम्पस, बरौंडा रायपुर में सम्मेलन के दौरान अपनी कटिंग-एज तकनीक और उत्पादों का प्रदर्शन करने के लिए सादर आमंत्रित करता है।

ईएमएस/मोहने/ 08 फरवरी 2024

खबरें और भी हैं

Trending NEWS



भाजपा को चंदा देने चले थे जज साहब, हो गए ढाई करोड़ की ठगी का शिकार

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बांग्लादेश में हादसा : 43 लोगों की आग में जलकर मौत

🕒 01-Mar-2024

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लोकसभा चुनाव: भाजपा ने लगभग 50 फीसदी सीटों पर नाम किए फाइनल, सिर्फ घोषणा बाकी

🕒 01-Mar-2024

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सावधान.....बिहार में कोरोना ने दी दस्तक, 22 मरीज सामने आए

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मध्यप्रदेश तेजी से विकास की नई ऊंचाइयां प्राप्त करता रहेगा: प्रधानमंत्री मोदी

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ICAR nat’l conference on Feb 28

Friday, 23 February 2024 | Staff Reporter | RAIPUR

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ICAR nat’l conference on Feb 28

Friday, 23 February 2024 | Staff Reporter | RAIPUR

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01 March 2024 | Staff Reporter | Delhi

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NIBSM's role on health, food security lauded

Thursday, 29 February 2024 | Staff Reporter | RAIPUR



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NIBSM's role on health, food security lauded

Thursday, 29 February 2024 | Staff Reporter | RAIPUR

Padma Shri award winner Dr S. Ayyappan on Wednesday said the National Institute of Biotic Stress Management (NIBSM) plays a key role in advancing health, food security and plant health.

Ayyappan, a former Secretary of DARE and Director General of the Indian Council of Agricultural Research (ICAR), said NIBSM was the sole ICAR institute in Chhattisgarh.

He said this while speaking at a two day conference on "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability."

Present at the venue were Prof. A.N. Mukhopadhyay, a former Vice Chancellor of AAU, Jorhat, Dr. S.N. Puri, a former Vice Chancellor of CAU, Manipur, Dr. C.D. Mayee, a former Chairman of the Agricultural Scientists Recruitment Board in New Delhi, Dr. P.K. Ghosh, Director and Vice-Chancellor of ICAR-NIBSM, Prof. Piyush K Pandey, Vice Chancellor of Amity University Chhattisgarh, Raipur, and Dr. K Sammi Reddy from ICAR-NIBSM, Baramati.

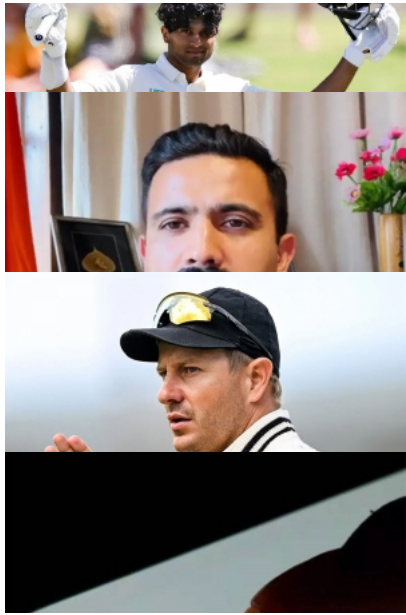
Approximately 250 distinguished scientists, industry partners and students are attending the conference.

Dr. Puri elaborated on the origins of the institute and NIASM as deemed universities of national importance, aiming to strengthen graduate and postgraduate student capabilities.

He envisioned NIBSM as a crucial national institute in plant protection, focusing on addressing farmers' major challenges such as pest and disease management and optimizing input usage to enhance their incomes.

Prof. Mukhopadhyay highlighted NIBSM's unique position as the world's first institute of its kind and its potential contribution to food security for India's 1.4 billion population through crop protection technologies.

With the participation of renowned scientists from India and around the world, the conference serves as a platform for discussing the latest scientific innovations in crop stress management.



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Novel Strategies for Mitigating Biotic and Abiotic Stress for Agricultural and Environmental Sustainability

28 – 29

FEB FEB

2024 2024

CONFERENCE focused on BIOTECHNOLOGY

Chhattisgarh, India

Registrations/applications closed on 31 January

EVENT DETAILS

In the recent years, the looming food scarcity problem has transformed agricultural sciences as an emerging discipline committed to devise new strategies for enhancing crop productivity to feed approximately 10 billion world's populations by the year 2050. The major factors causing food scarcity are biotic and abiotic stresses which substantially limit productivity and nutritional quality of crops world-wide. Changing climate further aggravates adverse effects of combined stresses and increase the losses. A global survey on the major food crops indicated that pathogens, insect pests and weeds cause average yield losses ranging from 17 – 30% in crops. Likewise, the major abiotic stresses such as temperature extremes, salinity, drought, as well as the deficiency and toxicity of plant nutrients cause up to 51 – 82% annual loss of crop yield in the world. Often, the exposure of plants to pests or pathogens increase the effects of an abiotic stress(es) such as water deficit and higher temperature, whereas long-term abiotic stress can weaken plant defense and cause enhanced pathogen susceptibility.

Despite this, only few reports in the literature have focused on understanding the interactive effects of biotic and abiotic stresses both in laboratory as well as under field conditions. In this scenario, novel strategies need to be adopted to achieve maximum productivity and economic crop returns under such adversaries. Some of the major strategies include pathogen/pest management practices, novel gene discovery, breeding of new crop varieties, high-throughput phenotyping, rapid diagnosis, screening and selection of crop gene pools, genetically modified (GM) crops, exogenous use of osmoprotectants and plant hormones, application of microbiome-based consortium (SynCom) on crops, identification of stresses through remote sensing and spectral signatures, agronomic and soil reclamation practices, sustainable use of available water supplies, use of artificial intelligence (AI) encompassing bioacoustics with machine learning in agriculture, etc. The above facts call for the discovery, development and implementation of novel strategies involving all knowledge-linked climate smart tools to combat emerging challenges of biotic and abiotic stresses independently as well as together. Hence, the conference on “Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability” is proposed to identify major challenges of biotic and abiotic stresses, climate resilience challenges, developing diagnostics including use of artificial intelligence (AI), formulating strategies to address these issues to sustain future agriculture while ensuring nutritional security.

VENUE

Amity University Chhattisgarh, Math-Khrra, Raipur-493225, Chhattisgarh

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PROMOTE BIO-PESTICIDES FOR PEST, DISEASE CONTROL: EXPERTS

Raipur, Chhattisgarh, India: The two-day workshop came up with key conclusions for the promotion of bio-pesticides and stimulants for pest and disease control, the necessity of an integrated approach to manage abiotic and biotic stresses, and the need to put more efforts on multiple stress tolerant varieties.

It underlined the importance of addressing climate change in stress management, and the imperative for capacity building and policy issues and the use of AI and machine learning tools in biotic stress management.

The valedictory function was addressed by Dr. P K Ghosh, Director and Vice-Chancellor of ICAR-NIBSM, Prof. Piyush K Pandey, Vice-Chancellor, Amity University, Raipur, Dr. Sammi Reddy, Director of NIASM, Raipur on Thursday.

Dr. Panjab Singh, former Director General of ICAR and Secretary DARE, New Delhi chaired the valedictory session. Approximately 250 distinguished scientists, industry partners, and students presented their research findings. Dr. P K Ghosh provided an overview of the conference's proceedings, highlighting sessions, academia-industry interactions. Dr. KK Mandal summarised the proceedings of the two day conference.

Key lectures included Dr. AN Mukhopadhyaya's discussion on the utility of Trichoderma species in pest control, Dr. Ratan Lal's emphasis on soil health's crucial role in plant and human health, and Dr. Deepal Pental's insights into using traditional and genetic engineering tools for plant and food security.

A Special Session on Academia-Industry Interaction provided a platform for industry partners to showcase products and exchange perspectives. A Panel Discussion on novel strategies for mitigating biotic and abiotic stresses featured distinguished speakers sharing their insights, chaired by Dr. Panjab Singh.

All stakeholders including scientists, students, agro-based industries, farm machinery companies, farmer producer organizations, agro-chemical companies, NGOs, agri-drone manufacturers, horticulture firms, and livestock firms got a platform to engage in vibrant discussions and networking opportunities.

The conference was jointly organised by ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), Raipur, Chhattisgarh, ICAR-National Institute of Abiotic Stress Management (ICAR-NIASM), Baramati, Maharashtra and Amity University, Chhattisgarh, Raipur.

The conference, theme was "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability," emphasised on six key themes, covering emerging biotic and abiotic stresses, climate-resilient agriculture, management strategies for both types of stress, and capacity building and policy issues.

Agriculture India

Revolutionizing Agriculture: National Conference in Raipur Paves Way for Sustainable Farming

Join ICAR-NIBSM and AUC at the national conference to explore cutting-edge technologies and innovative strategies for agricultural and environmental sustainability. Learn how traditional wisdom meets modern innovation to empower India's farmers and secure the future of agriculture.



Rafia Tasleem

23 Feb 2024 00:08 EST



Revolutionizing Agriculture: National Conference in Raipur Paves Way for Sustainable Farming

As the sun rises over the verdant landscapes of Raipur, a new dawn in agricultural and environmental sustainability beckons. The ICAR-National Institute of Biotic Stress Management (ICAR-NIBSM), in collaboration with Amity University Chhattisgarh (AUC), is gearing up for a groundbreaking national conference set to redefine the contours of Indian agriculture. This two-day symposium, themed "Novel Strategies for Mitigating Biotic and Abiotic Stresses for Agricultural and Environmental Sustainability," aims to be a melting pot of innovation, gathering luminaries from agro-based industries, farm machinery companies, and a plethora of other stakeholders.

Unveiling Cutting-Edge Technologies

The conference, scheduled for February 28–29, promises to be a showcase of the latest advances in agricultural technologies. With participation from the ICAR-National Institute of Abiotic Stress Management (ICAR-NIASM) and a host of industry and academic leaders, the event is poised to spotlight the transformative potential of **precision farming** and smart agriculture. From drones that dance above

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At the heart of this conference lies a commitment to harmonizing traditional agricultural practices with modern technological breakthroughs. The ICAR's recent success in developing over 700 **climate-smart varieties** of crops, as highlighted by The Hindu BusinessLine, underscores the critical importance of this blend of old and new. The dialogue between generations of farmers and today's agritech innovators promises not just to insulate Indian agriculture from the vicissitudes of climate change but also to propel it towards unprecedented productivity and sustainability.

Empowering the Backbone of India's Economy

The synergy between technological advancement and agricultural practices holds the promise of not only securing India's food future but also uplifting the lives of countless farmers. A shining example of this potential is the partnership between Rockwell Automation and the ISAP India Foundation, which has revolutionized dairy farming in Maharashtra through **digital technologies** and IoT-enabled devices, as detailed by AgriTechTomorrow. This initiative has led to a significant increase in milk production and quality, demonstrating the tangible benefits of marrying technology with traditional farming practices.

The ICAR-NIBSM Campus in Baronda is set to be the stage for this landmark conference, where the future of agriculture and environmental sustainability will be deliberated. With a stellar lineup of experts, innovators, and stakeholders, the event is not just a conference but a clarion call for a sustainable future. As the discussions unfold and strategies are forged, the impact of this gathering will undoubtedly resonate far beyond the confines of the conference venue, heralding a new era in Indian agriculture.

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Groves Nurseries Wins Top Sustainability Award for Eco-Friendly Practices in Bridport

Groves Nurseries and Garden Centre earns top recognition for sustainability, leading with eco-friendly operations and recycling initiatives.



Groves Nurseries Wins Top Sustainability Award for Eco-Friendly Practices in Bridport

Groves Nurseries and Garden Centre in Bridport has earned prestigious recognition for its dedication to sustainability, securing a Level 5 Sustainable Business Award from Litter Free Dorset. This accolade, the highest offered by the action group, celebrates the significant, though small, steps the centre has taken towards eco-friendly operations. Among these measures are the introduction of paper bags, a recycling station for various gardening materials, and the promotion of sustainable gardening practices. Groves has also taken the initiative to launch its own brand of peat-free compost and encourages suppliers to minimize packaging waste.

Commitment to Sustainability

Under the leadership of managing director Charlie Groves, the centre has been on a continuous journey toward environmental stewardship. "We're passionate about being as eco-friendly as possible," says Groves, highlighting the garden centre's efforts to operate sustainably. This includes not only internal practices but also encouraging suppliers and customers to adopt more eco-conscious habits. The centre's popular recycling station and the introduction of peat-free compost are testament to Groves' commitment to sustainability.

Innovative Recycling Initiatives

One of the standout features of Groves' approach to sustainability is its innovative recycling initiatives. Eimeer Coyle, project officer for Litter Free Dorset, praised the centre's recycling station for pots and compost bags, as well as a unique collection point for used pens. These initiatives not only reduce waste but also engage the community in sustainable practices. Additionally, Groves' Ivy House Kitchen contributes to the effort by offering used coffee grounds to customers for garden use, further promoting recycling and sustainability.

Educating for a Greener Future

Education plays a crucial role in Groves' sustainability efforts. Nursery manager Becky Groves emphasizes the importance of making informed choices about plant selection to minimize the need for chemical interventions. The knowledgeable Plants Team is always ready to guide customers toward

by example, it sets a standard for eco-friendly practices in the gardening industry and beyond. This achievement not only highlights the potential for sustainable business practices but also encourages a broader conversation about environmental responsibility in our communities.

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Eco-Friendly Label Initiative Launches for Rice, Vegetables to Aid Climate, Biodiversity

A groundbreaking initiative introduces eco-friendly labeling for food, aiming to reduce emissions and preserve biodiversity, revolutionizing consumer choices.

**Mahnoor Jehangir**

01 Mar 2024 02:14 EST

• Updated On 01 Mar 2024 02:17 EST

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Eco-Friendly Label Initiative Launches for Rice, Vegetables to Aid Climate, Biodiversity

On Friday, the Japanese agriculture ministry launched a breakthrough project, charting a new direction for the future of food consumption. With the help of this innovative project, grains and vegetables that greatly lower greenhouse gas emissions and protect biodiversity over their production cycles will be labelled. The campaign, which targets 23 products—including commonplace items like rice, tomatoes, and cucumbers—aims to completely transform how people view and select their food.

Visual Cues for Environmental Efforts

The newly introduced labels will not be just another addition to the packaging but will serve as a beacon of the environmental efforts undertaken by producers. These labels, adorned with up to three stars, will indicate the 'contribution rate' to reducing greenhouse emissions, calculated based on the daily use of pesticides, fertilizers, and fuel. A higher number of stars will signify greater efforts towards emission



Agriculture Minister Tetsushi Sakamoto underscored the initiative's goal to bridge the gap between producers' environmental endeavors and consumers' decision-making processes. By making the environmental impact of products transparent, the initiative aims to empower consumers with the knowledge to make informed choices favoring a sustainable food system. This move is expected to encourage producers to adopt more eco-friendly practices, ultimately contributing to a significant decrease in agriculture-related greenhouse gas emissions.

Broader Implications and Future Prospects

Beyond the immediate impact on consumer choices and production practices, this initiative heralds a new era in the relationship between agriculture and environmental sustainability. It aligns with global efforts to mitigate climate change effects and preserve biodiversity, as highlighted in various studies and reports. By integrating economic efficiency, social responsibility, and environmental sustainability, the initiative paves the way for a transformative approach to modern agriculture, ultimately aiming for a balance between fulfilling human needs and preserving the planet.

The introduction of this eco-friendly labeling initiative not only reflects a significant shift in policy and consumer behavior but also serves as a testament to the evolving narrative of agriculture's role in environmental stewardship. As consumers become more conscious of their ecological footprint, initiatives like these play a crucial role in shaping a sustainable future, demonstrating that even the simplest choices, like the food we eat, can have a profound impact on our planet's health.



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February 27, 2024  Admin Desk



दो दिवसीय राष्ट्रीय सम्मेलन 28 फरवरी से

रायपुर Raipur, Chhattisgarh, India: दो दिवसीय राष्ट्रीय सम्मेलन संयुक्त रूप से आईसीएआर-नेशनल इंस्टीट्यूट ऑफ बायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईबीएसएम), रायपुर, एमिटी यूनिवर्सिटी छत्तीसगढ़ (एयूसी), रायपुर और आईसीएआर-नेशनल इंस्टीट्यूट ऑफ एबायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईएसएम), बारामती, महाराष्ट्र द्वारा संयुक्त रूप से 28-29 फरवरी को यहां आईसीएआर-एनआईबीएसएम संस्थान परिसर में आयोजित किया जायेगा।

आईसीएआर-नेशनल इंस्टीट्यूट ऑफ बायोटिक स्ट्रेस मैनेजमेंट (आईसीएआर-एनआईबीएसएम) के निदेशक और कुलपति डॉ. पी.के. घोष और एमिटी यूनिवर्सिटी, रायपुर के कुलपति प्रोफेसर (डॉ.) पीयूष कांत पांडे ने संयुक्त रूप से मीडिया को संबोधित करते हुए कहा कि दो दिवसीय राष्ट्रीय सम्मेलन 28-29 फरवरी को ICAR-NIBSM संस्थान परिसर में आयोजित किया जा रहा है। ICAR-NIASM, बारामती, महाराष्ट्र भी इसका एक हिस्सा है।

डॉ. पी.के. घोष ने कहा कि सम्मेलन में लगभग 300 प्रतिष्ठित वैज्ञानिकों, उद्योग भागीदारों और छात्रों के शामिल होने की उम्मीद है। सम्मेलन में वक्ताओं की एक प्रभावशाली श्रृंखला शामिल है, जिसमें डॉ. एस. अय्यप्पन, पूर्व सचिव डेयर और डीजी आईसीएआर और डॉ. ए.एन. जैसे अन्य प्रतिष्ठित वैज्ञानिक शामिल हैं। मुखोपाध्याय, डॉ. सी.डी. मायी, डॉ. एस.एन. पुरी जो उद्घाटन सत्र की शोभा बढ़ाएंगे।

समापन सत्र में डॉ. पंजाब सिंह, पूर्व सचिव डेयर और महानिदेशक, आईसीएआर उपस्थित रहेंगे।

"कृषि और पर्यावरणीय स्थिरता के लिए जैविक और अजैविक तनावों को कम करने के लिए नवीन रणनीतियाँ" विषय के तहत, सम्मेलन छह प्रमुख विषयों पर चर्चा करेगा। वे हैं बदलती जलवायु के तहत उभरते जैविक और अजैविक तनाव, जलवायु लचीले कृषि और पर्यावरणीय स्थिरता में हालिया दृष्टिकोण, अजैविक तनाव प्रबंधन रणनीतियों में हालिया रुझान, जैविक तनाव प्रबंधन रणनीतियों में हालिया रुझान, अजैविक और जैविक तनावों के संयुक्त प्रभावों को समझने और कम करने के लिए नए दृष्टिकोण। , तनाव प्रबंधन में क्षमता निर्माण और नीतिगत मुद्दे।

अकादमिक-उद्योग इंटरैक्शन पर एक विशेष सत्र उद्योग भागीदारों को अपने उत्पादों और दृष्टिकोणों को प्रदर्शित करने के लिए एक मंच प्रदान करेगा।

उद्योग भागीदारों, केवीके और गैर सरकारी संगठनों द्वारा अपने उत्पादों और प्रौद्योगिकियों को प्रदर्शित करने के लिए 16 स्टॉल लगाए जाएंगे। स्कूली बच्चों और एनआईबीएसएम तथा एमिटी यूनिवर्सिटी के विद्यार्थियों के साथ विज्ञान प्रदर्शनी लगाई जाएगी, साथ ही विद्यार्थियों द्वारा नवीनता दिखाने के लिए स्टॉल भी लगाए जाएंगे। डॉ. पी.के. घोष ने कहा कि एक पैनल चर्चा कृषि और पर्यावरणीय चुनौतियों के समाधान के लिए नवीन रणनीतियों पर केंद्रित होगी।

प्रो. पीयूष कांत पांडे ने कहा कि कृषक समुदाय के सामने आने वाली समस्याओं का समाधान खोजने के लिए बहुआयामी रणनीतियां बनानी होंगी। समस्या से बहुध्रुवीय, बहुविषयक और बहुआयामी दृष्टिकोण से निपटना होगा। जलवायु परिवर्तन के मुद्दों के लिए गहन शोध की आवश्यकता है।

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