



















# 2 INTERNATIONAL AGRICULTURE CONFERENCE





ON

"NATURAL FARMING INNOVATIONS: ENHANCING SOIL HEALTH AND SEED QUALITY WITH AI AND DRONES FOR A GREENER AGRICULTURAL FUTURE"

#### **ORGANIZERS/KNOWLEDGE PARTNERS:**

GUJARAT NATURAL FARMING SCIENCE UNIVERSITY, HALOL INDIAN SOCIETY OF GENETICS AND PLANT BREEDING, NEW DELHI ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI INDIAN SOCIETY OF AGRONOMY, NEW DELHI HINDUSTAN AGRICULTURAL RESEARCH WELFARE SOCIETY, AGRA SOUTHERN FEDERAL UNIVERSITY, RUSSIA CAMBRIDGE INTERNATIONAL AGRICULTURAL ORGANIZATION IAS, BANARAS HINDU UNIVERSITY, VARANASI INTERNATIONAL MAIZE AND WHEAT IMPROVEMENT CENTRE, MEXICO INTERNATIONAL CENTER FOR AGRICULTURAL RESEARCH IN DRY AREAS ICAR-INDIAN INSTITUTE OF MAIZE RESEARCH, LUDHIANA

**REGISTER NOW** 



Venue- Hybrid Mode (Zoom) Date- November 3-5, 2024

A hard copy of the certificate will be sent to all the participants



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#### INVITATION

We are delighted to invite you to the 2024 2nd International Agriculture Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agriculture Agricultural Future", scheduled to be held during November 3-5, 2024 at in Hybrid Mode [Zoom].

This prestigious event will bring together leading academicians, scientists, professors, and agricultural students from around the world to explore the latest advancements and innovations in natural farming. The conference aims to foster knowledge exchange and collaboration in key areas such as AI applications, drone technology, soil health management, seed quality enhancement, and sustainable agricultural practices.

Your participation and contributions will be invaluable in enriching the discussions and advancing our collective understanding of sustainable agricultural practices. We encourage you to share your research, insights, and experiences, and join us in this exciting journey towards a greener and more sustainable agricultural future.

We look forward to welcoming you to this pivotal event for the future of agriculture!













# Key Highlights of the Conference:















- Presentations and discussions led by renowned experts in agronomy, horticulture, soil science, entomology, pathology, genetics, plant breeding, agricultural extension and sustainable farming.
- Insightful sub-themes covering AI in agriculture, precision farming, natural pest control, water conservation, and more.
- Opportunities to network with professionals, researchers, and students passionate about shaping the future of agriculture.
- Exploring role of AI and Drone technology in precision farming and crop management.
- Strategies for Soil Health Management and sustainable soil fertility improvement.
- Innovations in seed technology and conservation for enhanced Seed Quality and Diversity
- Integrating Sustainable Practices for organic inputs, water conservation, and climate resilience in farming systems.

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# WHY ATTEND? REGISTER NOW V

- · Professional Recognition: Demonstrates your participation and engagement in a prestigious conference on natural farming innovations.
- Resume Enhancement: Adds a valuable credential to your resume or CV, highlighting your commitment to continuous learning and professional development.
- · Networking Validation: Provides a formal acknowledgment of your opportunity to network and collaborate with experts and peers in the field.
- Educational Credit: Can be used as proof of attendance for educational credits or professional development requirements in academic or professional settings.
- · Knowledge and Skills Acknowledgment: Recognizes your acquisition of new knowledge and skills related to AI, drones, soil health, seed quality, and sustainable agriculture practices.
- Evidence of Expertise: Serves as evidence of your expertise and interest in innovative agricultural practices, useful for career advancement and academic opportunities.
- Enhanced Credibility: Increases your credibility in the field of agronomy, horticulture, and sustainable agriculture, making you a more attractive candidate for future roles and projects.
- Networking Credentials: Confirms your participation in discussions and workshops with industry leaders, which can be beneficial for future collaborations.
- Motivation for Future Learning: Encourages continued engagement in similar events and further learning opportunities in the agricultural sector.
- Personal Satisfaction: Provides a sense of accomplishment and recognition for your efforts to stay current with industry trends and advancements.

# Sub-Themes



- 1. Al in FIELD and Horticultural Crops: Applications of artificial intelligence in crop monitoring, disease prediction, and yield optimization.
- 2. Drone Technology for Precision Agriculture: Utilizing drones for soil analysis, crop health assessment, and targeted application of inputs.
- 3. Soil Health Management: Strategies for improving soil fertility and structure using natural and sustainable methods.
- 4. Seed Quality Enhancement: Innovations in seed technology, selection of high-quality seeds, and preservation of genetic diversity.
- 5. Natural Pest and Disease Control: Integrating traditional practices with modern technology for effective pest and disease management.
- 6. Water Conservation Techniques: Smart irrigation systems and rainwater harvesting to optimize water usage in agriculture.
- 7. Organic Inputs and Bio-fertilizers: The role of organic fertilizers and bio-fertilizers in enhancing soil health and plant growth.
- 8. Sustainable Crop Rotation and Diversity: Implementing crop rotation and diversity to improve soil health and reduce pest pressure.
- 9. Agroecology and Biodiversity: Promoting biodiversity and ecological balance in farming systems.
- 10. Climate Resilient Crop Breeding & Genetic Diversity: Adapting natural farming practices to mitigate the impacts of climate change.
- 11. Farmer Education and Technology Adoption: Training and educating farmers on the use of AI, drones, and natural farming techniques.
- 12. Economic and Social Impacts of Regenerative Agriculture Practices: Evaluating the economic viability and social benefits of adopting natural farming practices.
- 13. Policy and Regulatory Frameworks: Exploring policies that support sustainable agriculture and the integration of new technologies.
- 14. Future Directions in Evergreen Agriculture: Emerging trends and future prospects in natural farming, AI, and drone technologies.

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# **AWARDS & RECOGINATIONS**

- 1. Bharat Ratna Dr. M. S. Swaminathan Award
- 2. Dr. Verghese Kurien Award
- 3. Prof. Rattan Lal Award (Soil Science)
- 4. Dr. N.E. Borlaug Award
- 5. Gregor Johann Mendel Honorary Award
- 6. Sir Adam Smith Award
- 7. Sir Pietro de'Crescenzi Award
- 8. Sir William Kirby Award
- 9. Sir Heinrich Anton de Bary
- 10. Dr. BP Pal Memorial Award
- 11. Young Women Scientist Award
- 12. Young Horticulturist Award
- 13. Young Agronomist Award
- 14. Young Entomologist Award
- 15. Young Plant Pathologist Award
- 16. Young Biologist Award
- 17. Young Scientist Award
- 18. Young Achiever Award
- 19. Young Academician Award
- 20. Young Environmentalist Award
- 21. Young Researcher Award
- 22. Young Professional Award
- 23. Young Academician Award
- 24. Best Academician Award
- 25. Best Research Scholar Award
- 26. Best Teacher Award
- 27. Best KVK Scientist Award
- 28. Best Agronomist Award
- 29. Best Plant Breeder Award
- 30. Best Geneticist Award



CLICK HERE FOR **AWARD APPLICATION** 

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# AWARDS & RECOGINATIONS

- 31. Best Research Paper Award
- 32. Best M.Sc. Thesis Award
- 33. Best PhD Thesis Award
- 34. Best Veterinary Scientist Award
- 35. Best Agri-Tech Startup Award
- 36. Best Poster Presentation Award
- 37. Best Oral Presentation Award
- 38. Excellence in Extension Award
- 39. Excellence in Teaching Award
- 40. Excellence in Research Award
- 41. Excellence in Teaching Award
- 42. Outstanding Hod Award
- 43. Outstanding Researcher Award
- 44. Eminent Scientist Award
- 45. Scientist of the Year Award
- 46. Distinguished Scientist Award
- 47. Distinguished Scientist Award
- 48. Women Scientist Award
- 49. Science Communication Award
- 50. Innovative Biologist Award
- 51. Innovation Award
- 52. Progressive Farmer Award
- 53. Innovative Farmer Award
- 54. Academic Fellow Award
- 55. Lifetime Achievement Award
- 56. Environmental Protection Research Award
- 57. Environmental Protection Research Award WARD APPLICATION
- 58. Gold Medalist Award
- 59. Community Impact Award
- 60. Sir Dietrich Brandis Award





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# **AWARDS & RECOGINATIONS**

# Eligibility Criteria:





#### 1. Postgraduates (PG) and PhD Holders:

- Must have completed their postgraduate or doctoral studies in agriculture or allied sciences from a recognized university or institution.
- Should have demonstrated significant research contributions or innovations in the field of agriculture, with a focus on practical applications that benefit the farming community.

#### 2. Scientists and Professors

- Must be actively engaged in research, teaching or development activities in agriculture or allied sectors, either in academic institutions, research organizations, or industry.
- Should have a proven track record of impactful research, publications, or innovations that have contributed to advancements in agricultural practices, technology, or policy.

#### NOTE

- $^{'}1$ . The nominated candidates will receive both digital and physical copies of the award, along with a memento.
- 2. It is mandatory for award applicants to complete the registration process before submitting an application for the award.

#### CLICK HERE FOR AWARD APPLICATION

#### REGISTER NOW

Awards Application Fee-RS-2999/-

#### **IMPORTANT DATES:**

Last date of Registration- 02/11/2024

Last date of Award Application- 03/11/2024

Last date of Abstract Submission- 01/11/2024

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#### **TARGET AUDIENCE**

- The Researchers, Scientists, Faculty Members, Students/Research Scholars, RA, JRF, SRF, UG/PG Candidates from various Colleges, Research Centres, KVKs and Universities, Innovative Farmers and Young Entrepreneurs are eligible for participation
- Agriculture, Agronomy, Genetics & Plant Breeding, Agricultural Extension, Agriculture Economics, Sericulture, Horticulture, Forestry, Animal Husbandry, Fisheries and other allied sectors.

#### **FEE STRUCTURE**

SN	CATEGORY	FEE
1	B.Sc. Agri/Horti/Forestry/BVSc/All UG Students	599/- Click Here
2	M.Sc. Agri/ MBA/ All PG Students	699/- Click Here
3	JRF/SRF/PhD/RA/TA	999/- Click Here
4	Scientist/Faculty/Working Professionals	1199/- <u>Click Here</u>
5	All Awards Application Fee-	2999/- Click Here

#### Note:

- 1. Any Fee is Non-Refundable and Non-Transferable.
- 2. No abstract will be published without registration at the conference.
- 3. All Award Applicants, conference registration is compulsory to all.
- 4. The Organizing Committee has full Right to decide the Award nomination and number of Awards.
- 5. Hard & Soft copy of The Certificate will be Provided to All Participants.
- 6. The abstract should be in English using MS Word (Single space; Font Times New Roman; Font size- 12) and should not exceed 300 words.
- 7. The abstract must contain title of the paper, name(s) of authors) followed by their affiliation and e-mail. The name of presenting author should be underlined.
- 8. Abstract accepted only this mail www.harws.com@gmail.com

#### **IMPORTANT DATES:**

Last date of Registration- 02/11/2024 Last date of Award Application- 03/11/2024 Last date of Abstract Submission- 01/11/2024

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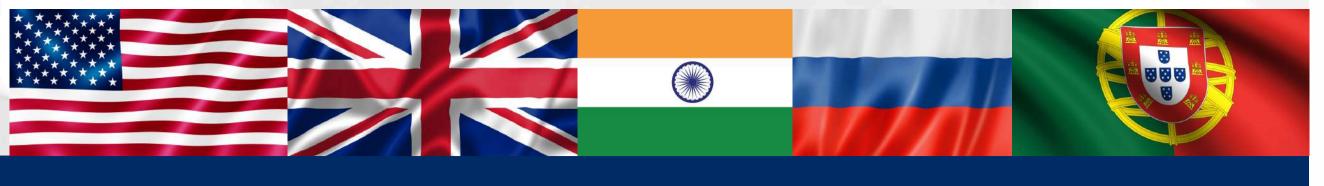












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# 2 INTERNATIONAL AGRICULTURE CONFERENCE



#### **WITH THEME**

"Natural Farming Innovations: Enhancing Soil Health and Seed Quality with Al and Drones for a Greener AgriculturAL Future"

#### **SUB THEMES**

- 1. AI IN FIELD AND HORTICULTURAL CROPS
- 2. DRONE TECHNOLOGY FOR PRECISION AGRICULTURE
- 3. SOIL HEALTH MANAGEMENT
- 4. CLIMATE RESILIENT CROP BREEDING & GENETIC DIVERSITY
- **5. SEED QUALITY ENHANCEMENT**
- 6. NATURAL PEST AND DISEASE CONTROL
- 7. WATER CONSERVATION TECHNIQUES
- 8. ORGANIC INPUTS AND BIO-FERTILIZERS
- 9. OPTIMIZING CROP ROTATION
- 10. AGROECOLOGY AND BIODIVERSITY
- 11. FARMER EDUCATION AND TECHNOLOGY ADOPTION
- 12. ECONOMIC AND SOCIAL IMPACTS OF REGENERATIVE AGRICULTURE PRACTISES
- 13. POLICY AND REGULATORY FRAMEWORKS
- 14. FUTURE DIRECTIONS IN EVERGREEN AGRICULTURE
- **15. ORGANIC LIVESTOCK FARMING**

# CALL FOR ABSTRACTS

#### SPECIAL NOTE

1. ONLY AGRICULTURE-RELATED ABSTRACTS
WILL BE ACCEPTED IN THE CONFERENCE.

2. THE WORD LIMIT OF THE ABSTRACT SHOULD 250-300 WORDS.

#### **ABSTRACT SUBMISSION**

WWW.HARWS.COM@GMAIL.COM

**ABSTRACT SUBMISSION LAST DATE** 

01/11/2024









