

FAI Awards 2025

I. FAI GOLDEN JUBILEE AWARDS

1. BEST PRODUCTION PERFORMANCE AWARDS

A. Nitrogenous (Ammonia & Urea) Production Performance Fertiliser Plants

Winner

Matix Fertilisers and Chemicals Limited, Panagarh

Runner-Up

Kribhco Fertilizers Limited, Shahjahanpur

B. Phosphoric Acid Plants

Winner

Paradeep Phosphates Limited, Paradeep

C. Complex (P_2O_5) Fertiliser Plants

Winner

Indian Farmers Fertiliser Cooperative Limited, Paradeep

D. Single Super Phosphate Plants

Winner

Coromandel International Limited, Nandesari

Runner-Up

Indorama India Private Limited, Haldia

E. Improvement in Overall Performance of a Company

Winner

Matix Fertilisers and Chemicals Limited, Panagarh

2. BEST TECHNICAL INNOVATION AWARD

Yara Fertilisers India Private Limited, Babrala for the innovations on Urea Prill Quality Improvement by Manoeuvring Relative Humidity

II. AWARD FOR EXCELLENCE IN SAFETY

Winner

Indian Farmers Fertiliser Cooperative Limited, Kalol

Runner-Up

Coromandel International Limited, Visakhapatnam

III. ENVIRONMENT PROTECTION AWARDS

A. Nitrogenous Fertiliser Plants (Including Ammonia, Urea and other Straight Nitrogenous Fertiliser Units)

Winner

Yara Fertilisers India Private Limited, Babrala

Runner-Up

Paradeep Phosphates Limited, Mangalore (formerly, Mangalore Chemicals & Fertilizers Limited)

B. NP/NPK Complex Fertiliser Plants with Captive Acids

Winner

Greenstar Fertilizers Limited, Tuticorin

C. NP/NPK Complex Fertiliser Plants without Captive Acids

Winner

Indian Farmers Fertiliser Cooperative Limited, Kandla

D. Single Super Phosphate Plants

Special Award

Indorama India Private Limited, Haldia

Winner

Coromandel International Limited, Ranipet

IV. VIDEO FILM COMPETITION AWARDS

Winner

Coromandel International Limited, Secunderabad for the film on विरासत

Runner-Up

Hindustan Urvarak & Rasayan Limited, New Delhi for the film on आशा से आत्मनिर्भरता तक

V. AWARD ON PRODUCTION, PROMOTION AND MARKETING OF BIOFERTILISERS/ORGANIC FERTILISERS/CITY COMPOST

Winner

Krishak Bharati Cooperative Limited, Noida

VI. AWARD ON TRANSFER OF IMPROVED FARM TECHNOLOGIES

Special Award

Indian Farmers Fertiliser Cooperative Limited, New Delhi

Winner

Krishak Bharati Cooperative Limited, Noida

VII. AWARD ON APPLICATION OF ICT/DIGITAL TRANSACTIONS IN AGRICULTURE

Winner

Adventz Group (Zuari Farmhub Limited & PPL), Bengaluru

VIII. AWARD ON PROMOTION AND MARKETING OF MICRONUTRIENTS

Winner

Coromandel International Limited, Secunderabad

IX. AWARD FOR EXCELLENCE FOR THE BEST WORK DONE IN THE FIELD OF PLANT NUTRITION

Winner

Dr. Parveen Kumar, Dr. Gopal Ramdas Mahajan and Dr. Paramesha V, ICAR-Central Coastal Agricultural Research Institute, Goa

This award recognizes the Dr Parveen Kumar, Dr Gopal Ramdas Mahajan and Dr Paramesha V. for their outstanding contributions to advancing plant nutrition, leading to precision agriculture and sustainable farming across India's diverse agroecosystems. They developed STCR fertiliser recommendations, site-specific nitrogen management protocols, standardized INM practices, and pioneered the use of hyperspectral remote sensing to enhance precision nutrient diagnosis and fertiliser-use efficiency. Their nutrient management and varietal innovations strengthened India's potato processing sector, contributing to a 13.3 fold rise in processing output, improving productivity across 2.40 lakh ha and securing livelihoods for about 2,22,200 farm families while generating 33.6 million man-days. Through INM and IFS models, they achieved major gains in productivity, profitability and employment, enabling large-scale government adoption with annual benefits exceeding 138 crores. Their work advanced nutrient management in the rice-wheat system of the IGP, promoted rice-fallow intensification in the west coast, developed ecosystem network analysis of nutrient flows, and created digital tools, microbial formulations, and PROM products. Their documentation of natural farming and water management innovations led to two farmers receiving Padma Shri awards. Their policy papers guided Goa's agricultural

planning, and their collective contributions earned national honors including the Rashtriya Krishi Vigyan Puraskar 2025, National Water Award, NAAS Fellowship and NAAS Associateship.

X. AWARD FOR OUTSTANDING DOCTORAL RESEARCH IN FERTILISER USAGE

Winner

Dr. Manojit Chowdhury, Division of Agricultural Engineering, ICAR- Indian Agricultural Research Institute, New Delhi

Dr. Manojit Chowdhury completed his Ph.D. from the premier ICAR-Indian Agricultural Research Institute, New Delhi, with his research focused on the Design and Development of Crop Canopy Reflectance Based Real-Time Variable Rate Fertiliser Application System. His doctoral work led to the development of India's first indigenous, multi-vegetation indices based real-time nitrogen assessment and prescription device for variable-rate nitrogenous fertiliser application. The innovation integrates canopy sensing, automated nitrogen prescription and precision subsurface aqueous N application. Field validation of the developed technology in direct seeded rice demonstrated about 28% reduction in fertiliser use, a 53% improvement in nitrogen use efficiency, and 12% increase in grain yield. The research work has been published in high-impact international journals and has secured a copyright, a design patent registration and a utility patent currently under examination. The technology has been successfully commercialized, providing an affordable and transformative solution to enhance fertiliser use efficiency for small and marginal farmers across India, directly addressing national priorities in sustainable fertiliser management.

XI. IPI-FAI AWARD FOR PROMOTING BALANCED AND INTEGRATED FERTILISER USE WITH EMPHASIS ON POTASSIUM

Winner

Dr. M.K. Jat, Dr. P.K. Yadav, Mrs. Abha Tikkoo, Dr. S.S. Yadav, Dr. Dinesh, Department of Soil Science, CCS HAU, Hisar, Haryana

Dr. Mukesh Kumar Jat and his team members Dr. P.K. Yadav, Mrs. Abha Tikkoo, Dr. S.S. Yadav, and Dr. Dinesh are distinguished soil scientists noted for their pioneering contributions to balanced and integrated Fertiliser management, with a special focus on potassium nutrition. They have developed the first state-level potassium recommendations for major field crops, now included in the University's Package of Practices. The technologies such as 30 kg K₂O ha⁻¹ for pearl millet and pigeon pea, and 20 kg K₂O ha⁻¹ for mustard, mungbean, chickpea, cowpea, and cluster bean have enhanced yields by 8-16% and improved soil K fertility. They successfully contributed towards the RKVY project that directly benefited farmers in South-West Haryana, where the team continues to drive impactful research on potassium dynamics and foster effective collaboration among multidisciplinary research and extension teams.

XII. BEST ARTICLE AWARDS

A. RASHTRIYA CHEMICALS AND FERTILISERS LIMITED AWARDS IN PRODUCTION AND TECHNOLOGY

First Prize

Mr. P. Senthil Nayagam, Mr. T.S. Premsundar, Mr. K. Krishna Gavaskar and Mr. S. Arunkumar, Greenstar Fertilizers Limited -

Tuticorin for their article entitled **Improving the Productivity of Phosphoric Acid Plant by Process Conversion in Greenstar Fertilizers Ltd.** published in June 2025 issue of *Indian Journal of Fertilisers*.

Second Prize

Mr. Rohit Shukla and Mr. Jitendra Kumar Singh, Performance Chemiserve Limited -Taloja for their article entitled **Achieving Low-Temperature Shift Catalyst Reduction Using Hydrogen Cascade** published in May 2025 issue of *Indian Journal of Fertilisers*.

B. SHRIRAM AWARDS IN MARKETING

First Prize

Dr. R.D. Singh, Kishi Rasayan Exports Private Limited, New Delhi for his article entitled **Reimagining Nutrient Management and Marketing in Agriculture 4.0** published in the September 2025 issue of *Indian Journal of Fertilisers*.

Second Prize

Mr. Naresh Deshmukh, Mahadhan Agritech Limited, Pune for his article entitled **An Integrated Marketing Strategy for Specialty Fertilisers in Sustainable Agriculture – Transforming Farmer Pain into Agricultural Progress** published in the September 2025 issue of *Indian Journal of Fertilisers*.

C. DHIRU MORARJI MEMORIAL AWARD IN AGRICULTURAL SCIENCES

First Prize

Dr. Bijay Singh, Punjab Agricultural University, Ludhiana, Punjab and Dr. T.B. Sapkota, International Maize and Wheat Improvement Center, El Batan, Mexico for their article entitled **Fertiliser Policies in Ensuring Food Security and Emerging Issues in India** published in the July 2025 issue of *Indian Journal of Fertilisers*.

Second Prize

Dr. R.S. Antil and Dr. N. Kaushik, Amity Food & Agriculture Foundation, Amity University, Noida, Uttar Pradesh for their article entitled **Integrated Nutrients Management : An Approach for Agricultural Sustainability and Food Security** published in the October 2024 issue of *Indian Journal of Fertilisers*.

D. SHRIRAM KHAD PATRIKA AWARD (HINDI)

प्रथम पुरस्कार

Dr. Renu Pandey, Dr. Sandeep Sharma and Dr. Ruchi Bansal, ICAR-Indian Agricultural Research Institute, New Delhi for their article entitled अब आवश्यक है खेती में फॉस्फोरस के गैर-परम्परागत स्रोतों का उपयोग published in the May 2025 issue of *Khad Patrika*.

द्वितीय पुरस्कार

Dr. Hanuman Prasad Parewa, College of Horticulture (SKNAU, Jobner), Jaipur, Dr. Ram Niwas Choudhary, Rajasthan Agricultural Research Institute, Dr. Ranjna Sirohi, Dr. Ashok Choudhary, Mr. Manish Kumar, College of Horticulture, Durgapura, Jaipur and Dr. (Mrs.) Jancy Garg, State Fertilizer Quality Control Laboratory, Durgapura, Jaipur for their article entitled जैविक खेती : मुदा एवं पर्यावरण की जरूरत published in the July 2025 issue of *Khad Patrika*.

XIII. COROMANDEL PLANT NUTRITION AWARD – 2025

Winner

Dr. Himanshu Pathak, Director General, International Crops Research Institute for the Semi-Arid Tropics, Patancheru, Hyderabad ■