



# FAI ANNUAL SEMINAR 2024

4 – 6 December 2024, Hotel Andaz Delhi, Aerocity, New Delhi, India

## SUSTAINABLE FERTILIZER AND AGRICULTURE



## □ From the Chairman's Desk

Dear Friends,



Fertilizer and agriculture sectors are important for economic development and food security of any country. Use of fertilizers has played and will continue to play a key role in enhancing agricultural production. In the recent past, wide fluctuations in commodity and food grain prices have been seen in the international market. Further, climate change has emerged as a big challenge for economies of the world. These factors are severely affecting the livelihood, food grain production, environment and industry. Sustainable growth in fertilizer and agriculture assumes paramount importance to meet the growing need of food for the burgeoning population of the world. This calls for deliberations in the entire value chains of fertilizers related to production, import, logistics and use aligning with agricultural production by minimizing adverse effect to environment, and conservation of natural resources for efficient and sustainable growth of both the sectors.

Indian fertilizer industry has come a long way to make fertilizers available to the farmers across the country, supported by a stable policy regime and rapid strides made in fertilizer and weather monitoring systems. Fertilizer plants are among the best in the world with respect to capacity utilization, energy efficiency, water conservation, responsible waste management, control of air emissions, community development, intellectual and human development and others. Government of India has been laying a lot of emphasis on promoting alternative fertilizers – particularly organic fertilizers, nano fertilizers and fertilizers with high nutrient use efficiency – with an aim to improve soil organic carbon, usher in balanced fertilisation and reduce the subsidy burden on the state's exchequer. Fertilizer companies are working in tandem with the Government to achieve sustainable growth for the industry and ensure stability in farm produce.

This year's FAI Seminar, which is 60<sup>th</sup> in the series with the theme of **Sustainable Fertilizer and Agriculture**, will provide an opportunity to take stock of the various areas related to sustainable production, logistics, marketing and use of fertilizers for supporting agricultural growth. Further, appropriate policy interventions for sustainability of the sectors will also be there.

The Seminar is scheduled during 4-6 December, 2024 at Hotel Andaz Delhi, Aerocity, New Delhi. As in past, we hope that all concerned will respond with enthusiasm by sponsoring large number of delegates to make this unique fertilizer sector event successful.

With Warm regards,

**N. Suresh Krishnan**  
Chairman

**FAI ANNUAL SEMINAR 2024**  
Sustainable Fertilizer and Agriculture

## □ Sustainable Fertilizer and Agriculture

Over the years, India has seen significant progress in the production of different varieties of crops grown in India, although year-on-year variations do exist in production of crops in the country. Agriculture has been witnessing challenges of climate change, deterioration of soil health, depletion of natural and water resources, fragmentation of land holdings, decline in organic carbon, low nutrient use efficiency due to imbalance in use of nutrients, etc. However, sustainable growth in agriculture production is necessary to meet the growing need of food, feed, fibre and fuel for the burgeoning population of the country. Towards this, adoption of climate-smart agriculture, precision agriculture AI/machine learning solutions and balanced applications of fertilizers/new products is necessary.

Use of fertilizers is inter-linked to agriculture production as they provide nutrients/food to the plants. India is heavily dependent on imports for raw materials/ intermediates/ feedstock to produce fertilizers. As an industry collective, we have to put in sincere efforts to reduce our import dependence. Ensuring sustainability in existing  $\text{NH}_3$ -urea and complex fertilizer plants will be of prime importance. Feasibility of use of renewable energy in fertilizer production needs to be explored. Necessity of policy reforms in the sector is also desirable to align the goals of sustainable development. Understanding of global fertilizer market/prices and future outlook play an important role in strategic import planning for the country.

The prospects of digital marketing and innovative strategies in the marketing of agri-inputs are to be understood. India has taken a lead in production and use of nano technology based fertilizers which supplement nutrient requirement of crops.

It is in this context that this year's Seminar is devoted to the theme **Sustainable Fertilizer and Agriculture**. The experiences of the experts from world/India will be useful for devising strategies for sustainable growth in fertilizer and agriculture sectors.

## □ About FAI

The Fertiliser Association of India is a non-profit and non-trading organization representing mainly the fertilizer manufacturers, distributors, importers, equipment manufacturers, research institutes and suppliers of inputs. The Association was established in 1955 with the objective of bringing together all concerned with the production, marketing and use of fertilizers with a view to:

- Assist the industry in improving its operational efficiency;
- Find solutions to the problems faced by the fertilizer industry and agriculture;
- Promote balanced and efficient use of fertilizers;
- Encourage use of more and better plant foods and
- Promote consideration and discussion of all issues that contribute to sound agricultural practices.

FAI is represented on important government committees/panels related to fertilizer and agriculture. The Association cooperates actively with the Government of India on all issues related to fertilizer sector and acts as an interface between the Industry and the Government by maintaining close contacts and rapport.

The Indian fertilizer industry is highly complex and technology driven consisting of plants with varying capacity, technology, vintage and product range. With nearly 700 members comprising Active, Associate, Overseas Associate and Technical and Professional, FAI provides the necessary support for meeting the challenges facing the Industry.

# □ Programme

<b>Wednesday December 4, 2024</b>	<p>0930-1700 hrs. : Registration</p> <p>1100-1700 hrs. : Exhibition</p> <p><b>1430-1600 hrs. : Inauguration, Distribution of Awards and Release of FAI Publications</b></p> <p>1600 hrs. : High Tea</p> <p>1900-2200 hrs. : Cultural Programme, Cocktails and Dinner</p>
<b>Thursday, December 5, 2024</b> 0900-1700 hrs. : Registration 0900-1700 hrs. : Exhibition	<p><b>0915-1300 hrs. SESSION I: SECTOR OUTLOOK</b></p> <ul style="list-style-type: none"> <li>• Reforms in Indian Fertilizer Sector</li> <li>• Global Fertilizer Market and Future Prospects</li> <li>• Global Fertilizer Prices and Outlook</li> </ul> <p><b>1400-1700 hrs. SESSION II: DIGITAL AGRICULTURE</b></p> <ul style="list-style-type: none"> <li>• Innovations in Fertilizers</li> <li>• Harnessing Data &amp; Agtech for Integrated Crop Nutrition</li> <li>• Digitization of Indian Agriculture</li> <li>• Biofertilizers &amp; Organic Fertilizers for Sustainable Farming</li> </ul>
<b>Friday, December 6, 2024</b> 0900-1200 hrs. : Registration 0900-1700 hrs. : Exhibition	<p><b>0900-1300 hrs. SESSION III: SUSTAINABILITY IN FERTILIZER PRODUCTION</b></p> <ul style="list-style-type: none"> <li>• Green Ammonia: Opportunities and Challenges</li> <li>• Commissioning &amp; Operating Experience of New Ammonia-Urea Plants</li> <li>• Energy Improvement Project of Ammonia Plant</li> <li>• Hyper-U: A Novel High-Efficiency Hybrid-Stripping Process</li> <li>• Efficient Production of Phosphoric Acid Using Low-Grade Phosphate Rock</li> <li>• Sustainable Solutions for Acid and Complex Fertilizer Plants</li> </ul> <p><b>1400-1600 hrs. SESSION IV: INNOVATIVE MARKETING STRATEGY</b></p> <ul style="list-style-type: none"> <li>• Fertilizer Marketing Strategy under Changing Environment</li> <li>• Nano Fertilizer – The Way Forward</li> <li>• Agri-input Digital Marketing – Prospects and Challenges</li> </ul> <p><b>1600 hrs. : Valedictory Session</b></p>

## □ Registration

### Seminar Fee

- FAI Members: ₹ 18,000 per delegate plus 18% GST
- FAI Non-members: ₹ 29,000 per delegate plus 18% GST

### Seminar Fee includes :

- Seminar Kit with Pre-prints of Seminar Papers
- High Tea, Cultural Programme, Cocktails and Dinner on December 4, 2024 (Wednesday)
- Working lunches and pre & post lunch – tea/coffee on December 5-6, 2024 (Thursday & Friday)

## Procedure of Registration & Payment

### I. Registration Form

Nominations in the attached registration form, along with the proof of payment of registration fee should be mailed to The Fertiliser Association of India, New Delhi.

### Payment Options

Payments can be made by either of the following modes:

- Bankers' cheque/demand draft payable at New Delhi in favour of 'The Fertiliser Association of India'.
- Through NEFT / RTGS under intimation to FAI as per the details given below:

**Saving Bank A/c No.** : 1484101006029

**Bank Name and Address** : CANARA BANK  
Jit Singh Marg,  
New Delhi – 110 067

**Branch code** : 1484  
**IFSC code** : CNRB0001484  
**MICR code** : 110015015  
**FAI - GSTIN** : 07AAACT0097M1Z3  
**FAI - PAN No.** : AAACT0097M

### Duly filled registration form should be sent to:

Secretary  
The Fertiliser Association of India  
FAI House, 10 Shaheed Jit Singh Marg  
New Delhi – 110067  
Tel: +91-11- 46005204/46005233/ 46005236 /46005209  
Email: [secy@faidelhi.org](mailto:secy@faidelhi.org); [acctt@faidelhi.org](mailto:acctt@faidelhi.org)

## Change in Names

Change in names of delegates can be made up to 22<sup>nd</sup> November, 2024. Only the names of delegates registered up to this date will appear in the delegates list.

## Cancellation

Cancellation of registration can be made only up to 22<sup>nd</sup> November, 2024. For cancellation beyond this date, 50% of the registration fee will be refunded after deducting the GST paid to the Government of India. For this, refund requests received up to first week of January, 2025 will be entertained.

## □ Sponsorship Opportunity

Sponsorship can be availed on priority payment basis. For the same, the sponsors can contact Secretary (secy@faidelhi.org).

## □ Exhibition

For display of the literature, products and services during December 4-6, 2024, stall(s) (3 m x 2 m) would be available.

The charge for each stall is as under:

FAI Member companies	Non-member companies
₹ 1,70,000 plus 18% GST	₹ 1,90,000 plus 18% GST

Stall(s) will be made available on all the three days of the seminar. Two persons will be allowed to represent each stall and they will be extended all facilities as to regular delegates. Since the stalls are

limited in number, the same will be booked on first come first serve basis with payment. Allotment will be on draw basis. The payment can also be made as per payment options given on previous page.

For booking and more information:

Email : pr@faidelhi.org

Tel : +91-11-46005210

*Any modification or alteration in the design of the stall(s) will not be permitted.*

## Address and Contact Details of Hotel

Andaz Delhi

Asset No. 1, Aerocity

New Delhi - 110037, India

Contact No. : +91 11 49031234

**For reservation of room, please click on the link given in our FAI website under Seminar information.**

## Diamond Sponsors



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## Gold Sponsors



## Silver Sponsor



## The Fertiliser Association of India

FAI House, 10 Shaheed Jit Singh Marg, New Delhi – 110 067

CIN : U85300DL1955NPL002999

Phone: +91-11-46005200/46005204/46005233/46005236/46005209

Email : [secy@faidelhi.org](mailto:secy@faidelhi.org) / [acctt@faidelhi.org](mailto:acctt@faidelhi.org) Website : [www.faidelhi.org](http://www.faidelhi.org)



## FAI ANNUAL SEMINAR 2024

## Registration Form

Secretary  
The Fertiliser Association of India  
FAI House, 10 Shaheed Jit Singh Marg  
New Delhi – 110 067

Please register my/our names(s) for the above Seminar (Please write in **CAPITAL LETTERS**)

	Name	Name to be printed on Badge	Designation	Email	Mobile
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____

Organisation & Address \_\_\_\_\_ Phone \_\_\_\_\_  
\_\_\_\_\_ Fax \_\_\_\_\_  
\_\_\_\_\_ Email \_\_\_\_\_

GSTIN No. (If Any) \_\_\_\_\_

FAI Member : Yes/No

Enclosed is a Demand Draft/Banker's Cheque/Delhi Cheque/Banker's advice for ₹ \_\_\_\_\_ being the registration fee for the Seminar (₹ 18,000+18% GST per participant for FAI members and ₹ 29,000+18% GST per participant for FAI non-members)

### Payment Option through NEFT/RTGS:

Saving Bank Account No.: 1484101006029, Canara Bank, Jit Singh Marg, New Delhi - 110 067  
IFSC Code: CNRB0001484, Branch Code : 1484, MICR Code: 110015015  
FAI - GSTIN: 07AAACT0097M1Z3 and FAI - PAN No.: AAACT0097M

Date:

Please use separate sheet, if more participants are sponsored. Please make a Demand Draft/Banker's Cheque payable at, New Delhi in favour of 'The Fertiliser Association of India' and send it along with this form. Through NEFT/RTGS under intimation to FAI as per the details given above.