

68th ANNUAL REPORT 2022-2023

THE FERTILISER ASSOCIATION OF INDIA





AUDITORS

M/s. Lochan & Co., Delhi

REGISTERED OFFICE

The Fertiliser Association of India FAI House, 10 Shaheed Jit Singh Marg New Delhi - 110 067 CIN U85300DL 1955NPL002999 Tel: +91-11-26567144,46005204 Fax:+91-11-26960052 E.mail:secy@faidelhi.org Website: www.faidelhi.org

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BOARD OF DIRECTORS



N. Suresh Krishnan Chairman, FAI MD, PPL



S.C. Mehta Co-Chairman, FAI CMD, Mahadhan AgriTech Ltd.



Ajay S. Shriram Emeritus Director, FAI Chairman & Sr. Managing Director DCM Shriram Ltd.



A. Vellayan Emeritus Director, FAI Chairman, Coromandel International Ltd.



P.S. Gahlaut MD, IPL



K.S. Raju Chairman Emeritus, NFCL



Rakesh Kapur Jt. MD, IFFCO



P.K. Bansal MD, NCDC



R.K. Chopra MD, KRIBHCO Fertilizers Ltd.



Rajan Chowdhry MD, KRIBHCO





Alok Gaur Jt. MD & CEO, KFCL



Sameer Goel MD, Coromandel International Ltd. upto 20.03.2023



Ashvini Hiran MD & CEO, Indorama India Pvt. Ltd. upto 15.05.2023



Pankaj Joshi MD, GNFC



Nitin M. Kantak MD, MCFL w.e.f. 07.12.2022



Gaurav Mathur MD, CFCL upto 20.07.2023



K.K. Kaul WTD, DCM Shriram Ltd. upto 09.09.2022



Shailesh Khaitan CMD Khaitan Chems. & Ferts. Ltd.



Sanjiv Kanwar MD, Yara Ferts.India Pvt. Ltd.





Vinod Mehta DCM Shriram Ltd. w.e.f. 09.09.2022



Manoj Mishra MD, MFCL



S.P. Mohanty CMD, BVFCL



S.C. Mudgerikar CMD, RCF



Manish Nagpal CEO, Greenstar Fertilizers Ltd.



Rohit Pathak CEO, Hindalco Industries Ltd.



Atul B. Patil Director (Marketing), NFL upto 14.07.2023



S.R. Ramakrishnan WTD, SPIC upto 14.07.2023



Akshay Poddar Director, ZACL





C. Narasimha Reddy VP&BU Head-Agri, JACPL



Kishor Rungta CMD, FACT



U. Saravanan CMD, NFL



S. Sankarasubramanian ED, Nutrient Business Coromandal International Ltd. w.e.f. 20.03.2023



Rajveer Singh Director & CEO Indorma India Pvt. Ltd. w.e.f. 14.07.2023



S.V. Varma Sr. VP (Agri Business), GSFC



Arvind Chaudhary DG, FAI



PRINCIPAL OFFICERS OF FAI



S. Nand Adviser (Technical)



D.S.Yadav Director (Publications & PR)



Naresh Prasad Director (Marketing)



D. Ramakrishnan Additional Director Secretary & Treasurer



Manish Goswami Chief (Technical)



Parag Dass Saxena Chief (Marketing)



Kuldeep Sati Chief (Economics, Statistics & IT)



Kabita Debnath Das Chief (Agricultural Sciences)



Y.V.N. Murthy Regional Head (South)



D.P. Patra Regional Head (East)

NOTICE OF ANNUAL GENERAL MEETING

THE FERTILISER ASSOCIATION OF INDIA

(Company Limited by Guarantee)

Licensed Under Section 26 of the Indian Companies Act, 1913 corresponding to Section 8 of the Companies Act 2013: Regd. Office: FAI House, 10, Shaheed Jit Singh Marg, New Delhi 110067, INDIA CIN: U85300DL 1955NPL002999 Phone No. : 011-46005204, 011-26567144, Email: secy@faidelhi.org, website: www.faidelhi.org

Notice is hereby given that pursuant to the provisions of the Companies Act, 2013 and MCA circular dated 05.05.2020 read with other circulars dated 08.04.2020, 13.04.2020, 05.05.2022 and 28.12.2022, the Company is intending to conduct the 68th Annual General Meeting (AGM) of the Members of The Fertiliser Association of India (FAI) on Friday, the 15th September, 2023 at 11.00 am through Video Conference(VC)/Other Audio-visual means (OAVM) in accordance with the provisions of aforesaid circulars to transact the following business:

ORDINARY BUSINESS

- To receive, consider and adopt the Audited Financial Statements of the Association including the Balance Sheet as at the 31st March, 2023 and Income and Expenditure Account for the financial year ended on the 31st March, 2023 and the Report of the Board of Directors and Auditors thereon.
- 2. To Re-appoint Directors of the Association:

In accordance with Section 152 and any other applicable provisions of Companies Act, 2013 and Article 83 of the Articles of Association of FAI, the following Directors retire by rotation and being eligible and qualified offer themselves for re-appointment in accordance with Article 85 of the Articles of Association of FAI:

- Mr. Alok Gaur, (DIN: 00112520) representative of M/s *Kanpur Fertilisers* and Chemicals Limited (KFCL), to represent the interests of nitrogenous and complex fertiliser manufacturers.
- Mr. S.C. Mudgerikar, (DIN:03498837) representative of M/s Rashtriya Chemicals & Fertilizers Ltd. (RCF), to represent the interests of nitrogenous and complex fertiliser manufacturers.
- (iii) Mr. Rajan Chowdhry, (DIN: 2199935) representative of M/s Krishak Bharati Cooperative Ltd. (KRIBHCO) to represent the interests of nitrogenous and complex fertiliser manufacturers.
- (iv) Mr. Pankaj Joshi (DIN: 01532892) representative of M/s Gujarat Narmada Valley Fertilizers & Chemicals Limited (GNFC) to represent the interests of nitrogenous and complex fertiliser manufacturers.
- (v) Mr. U. Saravanan (DIN: 07274628) representative of M/ s National Fertilizers Limited (NFL) to represent the interests of nitrogenous and complex fertiliser manufacturers.
- (vi) Mr. Manish Nagpal (DIN: 03169160) representative of M/s Greenstar Fertilizers Limited, to represent the

interests of nitrogenous and complex fertiliser manufacturers.

(vii) Mr. Rohit Pathak (DIN 0008539796) representative of M/s Hindalco Industries Ltd to represent the interests of nitrogenous and complex fertiliser manufacturers.

SPECIAL BUSINESS

- 3. Regularization of Directors appointed by the Board
- To consider and, if thought fit, to pass, with or without modification(s) the following Resolution as an Ordinary Resolution:

"**RESOLVED THAT** pursuant to the provisions of Section 149, 152 and other applicable provisions, if any of the Companies Act, 2013 and the Rules framed thereunder, Mr. S. P. Mohanty (DIN: 05336787) representing M/s Brahmaputra Valley Fertilizer Corporation Limited (BVFCL),, who was appointed by the Board of Directors of FAI w.e.f. 25.11.2021, in a casual vacancy and who holds office upto the date of this Annual General Meeting, be and is hereby appointed as a Director, liable to retire by rotation, to represent the interest of nitrogenous and complex fertiliser manufacturers".

 To consider and, if thought fit, to pass, with or without modification(s) the following Resolution as an Ordinary Resolution:

"**RESOLVED THAT** pursuant to the provisions of Section 149, 152 and other applicable provisions, if any of the Companies Act, 2013 and the Rules framed thereunder, Mr. Vinoo Mehta (DIN: 07016926) representing M/s DCM Shriram Ltd., who was appointed by the Board of Directors of FAI w.e.f. 09.09.2022, in a casual vacancy and who holds office upto the date of this Annual General Meeting, be and is hereby appointed as a Director, liable to retire by rotation, to represent the interest of nitrogenous and complex fertiliser manufacturers".



(iii) To consider and, if thought fit, to pass, with or without modification(s) the following Resolution as an Ordinary Resolution:

"**RESOLVED THAT** pursuant to the provisions of Section 149, 152 and other applicable provisions, if any of the Companies Act, 2013 and the Rules framed thereunder, Mr. Nitin M. Kantak (DIN: 08029847) representing M/s Mangalore Chemicals and Fertilizers Limited (MCFL), who was appointed by the Board of Directors of FAI w.e.f. 7th December 2022, as an Additional Director and who holds office upto the date of this Annual General Meeting, be and is hereby appointed as a Director, liable to retire by rotation, to represent the interest of nitrogenous and complex fertiliser manufacturers".

(iv) To consider and, if thought fit, to pass, with or without modification(s) the following Resolution as an Ordinary Resolution:

"**RESOLVED THAT** pursuant to the provisions of Section 149, 152, and other applicable provisions, if any of the Companies Act, 2013 and the Rules framed thereunder, Mr. S. Sankarasubramanian (DIN: 01592772) representative of M/s Coromandel International Limited (CIL), who was appointed by the Board of Directors of FAI w.e.f. 20.03.2023 as an Additional Director and who holds office upto the date of this Annual General Meeting, be and is hereby appointed as a Director, liable to retire by rotation, to represent the interest of nitrogenous and complex fertiliser manufacturers".

- 4. Ratification of Director appointed in Casual Vacancy
- To consider and, if thought fit, to pass, with or without modification(s) the following Resolution as an Ordinary Resolution:

"**RESOLVED THAT** pursuant to the provisions of Section 149, 152, 161(4), and other applicable provisions, if any of the Companies Act, 2013 and the Rules framed thereunder, the appointment of Mr. Rajveer Singh (DIN-07515336) representing M/s Indorama India Private Limited by the Board of Directors of FAI w.e.f. 14.07.2023 to fill the casual vacancy caused by the death of Mr. Ashvini Hiran, is hereby approved".

5. a) Assessment of dues for the year 1st April, 2024 to 31st March, 2025

Sl. No. Member Category	Proposed dues	
(i) Associate Members	INR 20,000/-*	
(ii) Overseas Associate Members	US \$ 2000/-*	
(iii) Technical & Professional Associate	INR 500/-*	
Associate Members		
*Plus applicable GST.		

b) To consider and adopt the budget of the Association for the year 1st April, 2024 to 31st March, 2025.

	By Order of the Board
	Sd/
New Delhi	D. Ramakrishnan
25 th August 2023	Secretary

NOTES:

- 1. The Explanatory statement pursuant to Section 102(1) of the Companies Act, 2013 with respect to Special Business listed in terms items 3 to 5 of the Notice is annexed hereto and forms part of this Notice.
- 2. In terms of Ministry of Corporate Affairs ("MCA") Circular No. 20/2020 dated 5th May, 2020 read with Circulars dated 08.04.2020, 13.04.2020, 31.12.2020, 13.1.2021, 05.05.2022 and 28.12. 2022 physical presence of the Members at common venue of Annual General Meeting (AGM) is not mandatory and being conducted through Video Conference ("VC"). The deemed venue for the AGM shall be the Registered Office of the Company.
- 3. The Members are hereby informed that pursuant to the problems in the postal services in the Country and in compliance with the aforementioned circulars, the notices of virtual AGM shall be sent to all the members through email who have registered the same with the Company. Please note that members who do not register their email addresses shall not be able to participate in the Meeting. The Notice of AGM, Auditors Report, Audited Balance Sheet, Income & Expenditure A/C for the year 2022-23 and Budget for the year 2024-25 are also be available on the website of the Company at www.faidelhi.org and by clicking the documents name given in the email.
- 4. In order to enable the Company to comply with MCA circulars issued for holding AGM via VC and to participate in the green initiative in Corporate Governance the members who have not yet registered their e- mail ids with the Company may contact at Mobile No 9871383782, on secy@faidelhi.org or 01146005204 for registering their e- mail ids.
- 5. Since the ensuing AGM is being held pursuant to the MCA Circulars through VC which does not require physical attendance of Members at the AGM, the facility to appoint proxy by the Members will not be available for this AGM and therefore, Proxy Form and Attendance Slip are not annexed to this Notice.
- 6. Members attending the AGM through VC will be counted for the purpose of reckoning the quorum under Section 103 of the Act.
- 7. Corporate Members are required to send a scanned copy (PDF/JPG Format) of its Board or governing body Resolution/ Authorization, etc. authorizing its representative to attend the AGM through VC on its behalf and to vote thereat by show of hands. The said Resolution/Authorization shall be sent by email to the Company at secy@faidelhi.org.

- 8. Members may send their questions in advance mentioning their name, email id, mobile number and Membership details. The same will be replied by the company suitably.
- 9. Relevant documents referred to in this Notice are available for inspection electronically without any fee by the Members on all business days (except Saturday, Sunday and Public Holidays) upto the date of AGM. The details of Directors maintained will be available for inspection electronically by the members during the AGM. Members seeking to inspect such documents may send request from their email id registered with the Company to the Company at secy@faidelhi.org.
- 10. Since the AGM will be held through VC/OAVM, the route map is not annexed with the Notice.
- 11. Voting at AGM

Every Active Member present in the Meeting shall have one vote by show of hands. The Company shall be providing the facility of voting through Show of Hands during the meeting as provided by the Articles of Association of FAI. The members shall raise their hand when the Chairman requests the member for vote on the particular business.

12. Associate Members, Overseas Associate Members, Technical and Professional Associate Members shall not be entitled to

any voting rights but shall be entitled to receive notice and to be present at the Meeting of the Association.

PROCEDURE FOR JOINING THE AGM THROUGH VC (WEBEX) :

- 1. The Company is providing VC/OAVM facility to its Members for participating at the AGM.
- a) Members will be able to attend the AGM through VC at the link https://thefertiliser.webex.com/thefertiliser/ j.php?MTID=mc0528b944b82af342d92fdc93556e1af
- b) Go to the email in which the link is received and click the link given in your email and join the Meeting by giving i) Your Name with Company's Name and ii) Email id.
- c) Facility to join the meeting shall be opened 30 minutes before the scheduled time of the AGM and shall be kept open throughout the proceedings of the AGM.
- d) Members who need assistance before or during the AGM can contact Mr. Kuldeep Sati, at email id; stat@faidelhi.org. or call at 9818862585/Mr. Ajendra Bhargav at email: it@faidelhi.org or Call 7042400122.
- e) Members who would like to express their views or ask questions during the AGM may do so by sending their queries on e-mail id of company secy@faidelhi.org



EXPLANATORY STATEMENT

3. **Regularization of Directors Appointed by the Board**

The following are given for the information of the members:

- In pursuant to the provisions of section 161(4) of the i) Companies Act, 2013 and Article 88 of the Articles of Association of FAI, if the office of any director appointed by the company in general meeting is vacated before his term of office expires in the normal course, the resulting casual vacancy may, in default of and subject to any regulations in the articles of the company, be filled by the Board of Directors at a meeting of the Board which shall be subsequently approved by members in the immediate next general meeting, provided that any person so appointed shall hold office only up to the date up to which the director in whose place he is appointed would have held office if it had not been vacated
- ii) In pursuant to the provisions of section 161(1) of the Companies Act, 2013 and clause 75(a) of the Articles of Association of FAI, Board of Directors may add to their number as an Additional Director upto the limit as specified in the clause who shall hold office only until the next Annual General Meeting of the Association.

Notice Item No.3(i)

Mr. S.P. Mohanty (DIN: 05336787) representing M/s Brahmaputra Valley Fertilizer Corporation Limited (BVFCL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 25.11.2021 in place of Mr. A.K. Ghosh. A person who has been appointed as Director in casual vacancy holds office only up to the date up to which the Director in whose place he is appointed would have held office if it had not been vacated. Mr. S. P. Mohanty will be re-appointed as a Rotational Director.

None of the Directors except Mr. S.P. Mohanty himself is concerned or interested in the resolution.

Notice Item No. 3(ii)

Mr. Vinoo Mehta (DIN: 07016926) representing M/s DCM Shriram Ltd., was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 09.09.2022 in place of Mr. K.K. Kaul. A person who has been appointed as Director in

casual vacancy holds office only up to the date up to which the Director in whose place he is appointed would have held office if it had not been vacated. Mr. Vinoo Mehta will be re-appointed as a Rotational Director.

None of the Directors except Mr. Vinoo Mehta himself is concerned or interested in the resolution.

Notice Item No. 3(iii)

Mr. Nitin M. Kantak (DIN: 08029847) representing M/s Mangalore Chemicals and Fertilizers Limited (MCFL), was appointed as an Additional Director by the Board of Directors of FAI in its meeting held on 7th December, 2022. The Board has recommended in its meeting held on 14th July, 2023 for regularization of his appointment as a Rotational Director.

None of the Directors except Mr. Nitin M. Kantak himself is concerned or interested in the resolution.

Notice Item No. 3(iv)

Mr. S. Sankarasubramanian (DIN: 01592772) representing M/s Coromandel International Limited (CIL), was appointed as an Additional Director by the Board of Directors of FAI in its meeting held on 20th March, 2023. The Board has recommended in its meeting held on 14th July, 2023, for regularization of his appointment as a Rotational Director.

None of the Directors except Mr. S. Sankarasubramanian himself is concerned or interested in the resolution.

4. Ratification of Director Appointed in Casual Vacancy

Notice Item No.4(i)

Mr. Rajveer Singh (DIN - 07515336) representing M/s Indorama India Private Limited, was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 14.07.2023 in place of Mr. Ashvini Hiran. His appointment shall be subsequently approved by members in the immediate next general meeting as per Section 161(4) of the Companies Act, 2013. A person who has been appointed as Director in casual vacancy holds office only up to the date up to which the Director in whose place he is appointed would have held office if it had not been vacated. None of the Directors except Mr. Rajveer Singh himself is concerned or interested in the resolution.

Notice Item No.5

(a) The assessment dues for Associate, Overseas Associate and Technical and Professional Associate Members have to be determined by the Board and approved at the AGM under Article 19 of the Articles of Association of FAI. The proposed rates of membership subscription for the year 2024-25 have been approved by the Board on 14th July, 2023 and the same are given in the AGM Notice.

(b) The Budget for the year 2024-25 is placed before the General Body for ratification after approval of the Board of Directors in accordance with clause 18 of the Articles of Association. The proposed Budget has been approved by the Board in its meeting held on the 14th July, 2023. The copy of the budget approved by the Board of Directors is annexed.

The Board commends the Resolutions set out at Item no. 5 of the Notice for approval by the Members.



Annexure to AGM Notice for Agenda Item No.5(b)

The Fertiliser Association of India

Budget for the year 1st April, 2024 to 31st March, 2025

(Rupees in lakh)

	TOTAL	1345.21			42.00
				ii) Regional	2.00
)				i) Central	40.00
	Miscellouns Receipts 2.00		С	CAPITAL EXPENDITURE BUD	GET
	Seminar Property Income	600.00 115.00		INCOME - EXPENDITURE A -	B 40.63
	Income from Annual			GRANT TOTAL (a+b)	1304.58
	Interest on Deposit & Staff Advance	135.00			418.80
	Interest on Deposit &			TOTAL	118 80
2	Surplus of Training Courses (Excluding Overhead Costs)	75.00	3	Liability for DDA & MCD Taxes etc.	17.00
	b) Regional	16.00		ii) Regional	8.05
	a) Central	53.81		i) Central	41.30
	Journals & Books		2	Publications	
	Income from Advertisement Sale & Subscription to			ii) Regional	11.80
	MISCELLANEOUS INCOME			i) Central	340.65
	Associate Members	0.12	1	Administrative	
	Active Members	0.02	(b)	OTHER EXPENSES	
	ENTRANCE FEE			TOTAL	885.78
	Website Receipts	14.00		6. Northern Region	14.98
		14.00		5. Western Region	45.25
	Technical & Professional Associate Members	2.10		4. Southern Region	68.47
	Overseas Associate members	25.00		3. Eastern Region	56.24
	Associate members (National)	34.00		2. Central Office	634.59
	Active members	273.16		1. Director General	66.25
	ANNUAL FEES		(a)	Personnel	
	INCOME		В	EXPENDITURE	

Directors' Report

Executive Summary

The Board of Directors has pleasure in presenting 68th Annual Report of the Fertiliser Association of India along with the Audited Statement of accounts for the financial year ended on 31st March, 2023.

Southwest monsoon during the past four consecutive years has been very good. The southwest monsoon 2022 set in over Kerala on 29th May, 2022 against normal date of 1st June and covered the entire country by 2nd July, 2022. Overall rainfall was normal at 106% of long period average, though there were variations in month-wise and also state-wise distribution of rains.

Year 2022-23 marked a beginning with comfortable inventory of fertilizers in different distribution channels. Surge in the prices of raw materials and finished fertilizers in the international market since the beginning of the year, resulted in decline in imports of some fertilizers. There had been increase in domestic production of fertilizers but the total sale of fertilizers almost remained at the previous year's level. Further, consumption of fertilizer nutrients estimated at 29.84 million MT during 2022-23 showed a marginal growth of 0.2% over 2021-22.

Sown area under *kharif* crops was low but in *rabi*, it was marginally up. As per the 3rd advanced estimates, food grain production touched a record level of 330.5 million MT in 2022-23. Production of oilseeds and sugarcane also increased during the year.

FAI continued to take up the issues faced by fertilizer industry with governments at centre and states. The issues were taken up related to pricing and subsidy policies, budget allocation, timely payment of subsidy and taxation regime, freight reimbursement, issues under FCO, formulation of Integrated Plant Nutrition Management Act, Energy Conservation Act and Plastic Waste Management Rules, etc.

FAI also continued to pursue with DoF the issues related to minimum fixed cost, It was highlighted that this issue did not only impact the viability of 3 low cost urea units with annual capacity of 4.3 million MT, but it also impacted additional production of 4 million MT beyond RAC, which is linked to minimum fixed cost. Further increase in fixed cost beyond what has been given in Modified NPS-III policy and linking of fixed cost with appropriate cost index to address future increases. The issue remained under consideration of the Government. A separate Committee in DoF has been constituted to review the fixed cost issues and various exercises are being carried out in this regard.

In view of the continuous sharp rise in pool prices of gas during the year 2021-22 & 2022-23 and delay in processing of quarterly escalation claims by DoF, FAI continued to follow up for expediting pending escalation claims and had written to DoF for expediting escalation claims for 2020-21 and 2021-22. FAI had further requested for providing adhoc increase in subsidy rates to cover the steep increase in pool price of gas for the 4th quarter of 2021-22 and the 1st quarter of 2022-23 over the 3rd quarter of 2021-22. Energy cost increased by about Rs. 15,000 per tonne urea in 1st quarter 2022-23 compared to the energy cost of 3rd quarter 2021-22.

FAI continued to pursue with DoF to address the issue of under-recovery of cost at notified NBS rates of subsidy due to steep increase in international prices and reasonableness of MRP. DoF has constituted an Expert Committee comprising of officials from the NITI Aayog, Department of Agriculture and Farmers Welfare, Department of Expenditure, Department of Agricultural Research and Education and fertilizer industry to recommend measurers under the NBS policy to promote the objectives of present policy initiatives of the Government including Atma Nirbhar Bharat Mission.

In the FAI Board Meeting held on 7th December, 2022, a committee has been constituted to deliberate on issues of P&K Fertilizer industry. DoF has constituted a Committee on P&K Fertilizers and FAI recommended a few industry representatives to the Committee.

In the FAI Board Meeting held on 20th March, 2023, a Committee on GST was constituted to deliberate on all GST related issues of fertilizer industry and take up these issues with the concerned Government departments. The Committee will deal with issues *inter-alia* include non-refund of accumulated ITC due to subsidy under inverted duty structure, non-refund of ITC due to services, imported urea like GST dispensation for imported P&K fertilizers and other related issues.

There had been significant increase in prices of finished fertilizers and raw materials in the international market and keeping the MRPs at affordable level to farmers, Department of Fertilizers enhanced the subsidy rates for P&K fertilizers under NBS policy for *kharif* 2022, and taking cognizance of situation further, subsidy on N component was



increased and P and K was decreased from 1st October 2022 to 31st December, 2022. However, DoF revised the NBS rates of P&K fertilizers for *rabi* 2022-23 from 1st January, 2023 to 31st March, 2023 on 18th May, 2023. The per kg NBS rates for N and K were increased while P and S reduced.

Government has been providing sufficient funds for fertilizer subsidy for the last three years. During the year 2022-23, the Government had budgeted Rs.1,05,222 crores for fertilizer subsidy. But, the unusual spike in international prices caused disruption in the availability and prices of finished fertilizers and raw materials. The total subsidy on fertilizers was increased to Rs. 2,25,222 crore in the revised budget estimates for 2022-23, to insulate the farmers to keep the MRPs of these fertilizers affordable to them from skyrocketing fertilizer prices.

The Budget allocation for fertilizer subsidy is Rs.1,75,103 crore for the year 2023-24. Budget for urea subsidy is Rs. 1,31,100 crore which is lower by Rs. 22,998 crore than the revised BE for 2022-23. Similarly, the subsidy for P&K fertilizers has also been reduced by Rs. 27,122 crore. Adequacy of allocation will depend on actual international prices of energy, fertilizers and raw materials during the year.

FAI has been representing the issues related to regulations on natural gas, energy and environment with the respective government departments. The Department of Chemicals and Petrochemicals (DCPC) proposed to include a numbers of chemicals in the list of mandatory Quality Control Orders (QCO) thereby restricting the manufacture, import, distribution, selling, etc. without prior license or certification. The list of chemicals included intermediates like ammonia, sulphuric acid, phosphoric acid. FAI has represented that these chemicals are inputs for making fertilizers and fertilizers as such has to meet the quality specification under FCO. Currently, there is no difficulty in meeting FCO Standards.

During the year, Government focused was on promoting use of green hydrogen and green ammonia. The Energy Conservation (Amendment) Bill, 2022 was passed and Green Hydrogen Policy was notified. FAI actively participated in providing the inputs for the policies related to Green Hydrogen and Green Ammonia to the Ministry of New and Renewable Energy (MNRE). FAI had clearly brought out in various discussions with the MNRE and DoF that replacement of imported grey ammonia with green ammonia should be taken up fresh. It is not technically feasible to use green hydrogen or ammonia in the integrated ammonia and urea plants. The MNRE released National Green Hydrogen Mission document

in January 2023. The document mentioned that by 2034-35, it is targeted to substitute the ammonia based fertilizer imports with domestic green ammonia based fertilizers. The MNRE also issued a draft model bidding guidelines for procurement of green hydrogen and green ammonia. FAI along with member companies participated in the meeting held by the DoF and also MNRE. FAI feedback was provided to the MNRE mainly expressing its objection to long-term offtake arrangements due to uncertainty in continuous operations of phosphatic plants. FAI has provided comments to MNRE on Draft document on Strategic Interventions for Green Hydrogen Transition (SIGHT) programme.

FAI provided its inputs to the Bureau of Energy Efficiency on the next stage of PAT scheme, and proposed Indian Carbon Market. FAI represented the concerns of the industry on issues related to implementation of Plastic Waste Management Rules to Central Pollution Control Board. FAI participated in the meetings of Bureau of Indian Standards on energy, environment, agriculture and marketing and provided its inputs for appropriate formulation of standards and guidelines.

FAI has been assisting SSP industry in implementation of provisions of the guidelines issued by DoF in September 2022. In this regard, FAI organized two workshops on NABL Accreditation of laboratories in SSP plants in collaboration with Quality Council of India and one Workshop on Automation where leading vendors of instrumentation and industry experts made presentations.

FAI prepared and submitted a draft report on National Fertilizer University for consideration of DoF.

FAI is pursuing four court cases on behalf of the members. These include (i) reimbursement of remaining 50% losses suffered on sale of bonds, (ii) payment of interest on delayed payment of subsidy and freight bills, (iii) recovery of additional cost due to non-recognized input taxation (ACTN) prior to 1st April, 2011, and (iv) reimbursement of marketing margin on KG-D6 gas for past period. FAI continued to pursue these cases including follow up and providing necessary inputs to FAI counsels. In the case related to marketing margin, Hon'ble Delhi High Court directed petitioners to file fresh representation with the Secretary (Fertilizers) for coordination with Secretary, MOPNG to put necessary papers before the cabinet. FAI was successful in convincing the DoF on the recognition of marketing margin as a part of delivered cost and DoF agreed for payment of the same from May 2009 till 17th November 2015 @ Rs. 200 per

MSCM without any interest. FAI members also accepted the proposal of DoF.

FAI has been regularly participating in the meetings of Central Fertilizer Committee, Department of Agriculture and Farmers Welfare, for amendments in FCO 1985 and providing inputs. The new products and amendments recommended by CFC and notified by the Government of India in official Gazette up to March, 2023 were included in the 20th Edition of FCO published in March, 2023 by FAI.

FAI Annual Seminar was held during 7-9 December, 2022 in New Delhi on the theme 'Fertilizer Sector by 2030'. Hon'ble Union Minister of Chemicals & Fertilizers and Health & Family Welfare, Dr. Mansukh Mandaviya inaugurated the Seminar on 6th December, 2022. Secretary (Fertilizers), senior officials from DoF and Ministry of Agriculture and Farmers Welfare also participated in the Seminar. Sixteen highly acclaimed papers were presented by eminent speakers from India and abroad on subjects related to Roadmap for Fertilizer Sector for Sustainable Agriculture; Innovations in Agriculture; Greening Fertilizer Production; Fertilizer logistics Management - New Options.

FAI continued to bring out monthly journals, annual and adhoc publications enriched

with valuable information related to fertilizer and agriculture sectors. The publications are considered reliable source of information by all concerned. In addition to regular publications, Fertiliser Statistics, Specialty Fertiliser and Micronutrient Statistics, and Bio-fertiliser Statistics were brought out.

FAI has been providing wealth of information to its members and other stakeholders through e-mails, electronic media and publications. FAI website www.faidelhi.org *inter-alia* contains a variety of information including statistical data, maps, environmental issues, energy consumption, government notifications, fertilizer policy developments (highlights), reports, abstract service, daily news bulletin and blogs.

FAI continued to strengthen IT infrastructure for holding virtual meetings, seminars and other interaction with the government and members which proved to be highly useful during the last three years. Looking to the emerging need, a hybrid set-up was installed in the FAI Board Room in January 2023.

FAI has developed a Web Portal exclusively for data collection and management relating to fertilizers. FAI members and others from whom we collect data have been registered in the Portal. Hon'ble Union Minister

for Chemicals & Fertilizers and Health & Family Welfare, Dr. Mansukh Mandaviya Ji had launched FAI Web Portal https://portal.faidelhi.org at the Inauguration Session of the FAI Annual Seminar 2022 on 7th December, 2022. FAI invited nominations of nodal and sub-nodal officers from the fertilizer companies for entering the data on the portal. The facility will enable FAI for creating better reports to serve the member companies in the most befitting manner. The portal effectively went live on 1st April, 2023.

After two financially challenging years, FAI witnessed green pasture during 2022-23. Revised estimates for the year 2022-23 predicted a loss of Rs.-35.90 lakh for the year. FAI Board advised FAI to go ahead with FAI Annual Seminar 2022 in a physical form. Accordingly, FAI Annual Seminar 2022 was organized in a grand manner physically in Hotel Pullman & Novatel. In addition to this, with the DG, FAI's initiatives, large numbers of training programmes were organized during the year mostly in physical form. This resulted in the excess of income over expenditure of Rs.278.51 lakh during the year. FAI created a separate Fund for SSP initiatives by collecting additional subscription from SSP industry members and all the expenses related to sample collections, regional workshops, etc. were met through this separate fund. FAI's untapped manpower resources were utilized in sample collections and getting the same analyzed by NABL Lab, this is a step towards maintaining quality of SSP.

It is worthwhile to mention here that FAI has made sustained efforts to manage its budget without any increase in membership dues for the last 10 years for Active members and 12-years for Associate Members. FAI's Reserves and Surplus rose from Rs. 6.38 crore in the year 2008-09 to Rs. 28.10 crore in the year 2022-23. Reserves will help FAI to tide over any crisis situation in future. Simultaneously, substantial capital investment has been made for improvement of IT infrastructure in past few years. During the year, FAI web portal was created and FAI Board Room was equipped with modern gadgets for conducting meetings in virtual or hybrid mode. The rental income of FAI came down substantially due to vacation of rental portion by M/s Technology Development Board effective from 1st August, 2021. Till date of the report, no new tenant has come forward. FAI is trying to find a new occupant through various resources.

FAI has remained in full compliance with all the rules and regulations under various laws of the land related to Company Act, Labour laws, Income Tax, GST and various other financial legislations including filing of returns periodically.



FAI is registered under section 12A of the Income Tax Act 1961 in the year 1994 according to which the income of the Association is exempted from Income tax on the grounds of working for advancement object of general public utility as FAI is working for the promotion of fertilizer and agriculture sectors. In spite of this, income tax department imposed huge tax liabilities for the assessment years 2010-11 and 2011-12. FAI went through various adjudication stages. The case reached Supreme Court because of successive appeals by the income tax department. FAI got favourable decision even in Supreme Court during the year 2019-20. However, one case pertaining to the financial year 2014-15 is still pending before CIT. FAI has not received income tax refunds for some of the years in spite of constant follow up by our tax consultants.

FAI also brought out its Competition Compliance Policy keeping in view the provisions of Competition Act 2002 and sent to all the members of FAI for perusal and compliance in order to ensure compliance and avoid penalties and legal action under the Act, both by FAI and its members.

FAI Staff Provident Fund Trust is exempted from the provisions of EPFO. Due to efficient management of funds as per investment pattern notified by the PF Commissioner and compliance with various provisions applicable to exempted trusts, FAI is able to sustain its exemption status. Apart from Provident Fund Scheme, FAI provides other various retirement benefit schemes like Superannuation Scheme, Group Gratuity Schemes and Leave Encashment Schemes to its employees. These schemes are managed by LIC on behalf of FAI.

FAI Secretariat continues to work efficiently and effectively under the leadership of Mr. Arvind Chaudhary, who assumed the office of DG, FAI w.e.f.10th August 2022. During his tenure, FAI was invited by the Government for discussion and views in various issues concerning fertilizer industry. DG, FAI was included in various committees formed by the Government to address the issues concerning the industry. Task Force constituted as per directives of DoF to monitor and maintain the quality of SSP is playing a crucial role.

1.0 MONSOON, FERTILIZER PRODUCTION, IMPORTS, AVAILABILITY AND CONSUMPTION

The inventory of fertilizers in different distribution channels was adequate to meet the demand. Weather was normal during monsoon period. However, there were issues of distribution and timing of rains in some areas. Sown area under *kharif* crops was down but it was marginally up in *rabi*. Surge in the prices of raw materials and finished fertilizers in the international market since the beginning of the year resulted fall in imports of some fertilizers. Domestic production increased and total sale of fertilizers almost remained at the previous year's level. Details are discussed in the following paragraphs.

1.1 Normal Southwest Monsoon

1.1.1 The pattern of southwest monsoon in recent years has necessitated a shift in cropping strategies by taking into account the change in the progress of the annual phenomenon across the country. The southwest monsoon 2022 set in over Kerala on 29th May, 2022 against normal date of 1st June and covered the entire country by 2nd July, 2022. There had been very unique with contrasting inter-month variations in the distribution of rainfall. The rainfall during June 2022 was 8% lower than long period average (LPA). However, rainfall received during July, August and September 2022 was 17%, 4% and 8%, above LPA, This was the fourth successive respectively. southwest monsoon year when the country witnessed a normal rainfall. Quantitatively, all India rainfall was 92.5 cm as against the LPA of 86.9 cm during the season. The cumulative rainfall during the season was 6% above the LPA. But, there had been inter-state variations also and some states received deficient rainfall.

1.1.2 Out of 36 meteorological sub-divisions, 30 received normal to excess rains. The sub-divisions which received deficient rains include East Uttar Pradesh (30% below LPA); West Uttar Pradesh (25% below LPA); Bihar (31% below LPA); Jharkhand (20% below LPA); Gangetic West Bengal (25% below LPA); and Nagaland, Manipur, Mizoram & Tripura (28% below LPA). Most of these areas are very crucial for Indian agriculture. Paddy planting had been impacted in these areas. Out of 694 reported districts, 72% districts received normal to excess rains during the period. The Southwest monsoon withdrew from the entire country on 23rd October, 2022.

1.1.3 Water storage position in major reservoirs was comfortable in 2022-23. Total live storage capacity in 143 reservoirs in the country was 177.46 BCM. Live storage available in these reservoirs was 154.18 billion cubic meter (BCM) as on 29th September, 2022 as against 142.37 BCM on the same date in the previous year. Live storage during the period was 108% of the last year and 113% of the normal storage.

1.1.4 Southwest monsoon became active over most parts of India during July 2022. However, uneven distribution of rains during the entire period of southwest monsoon had created concerns over adverse impact on *kharif* crops. Total sown area under all *kharif* 2022 crops was 110.28 million hectares

(million ha) compared to 111.22 million ha during *kharif* 2021. This was lower by 0.8% during the season. Sown area under rice, pulses, oilseeds and jute & mesta during *kharif* 2022 declined by 4.8%, 4%, 1% and 0.1%, respectively, over *kharif* 2021. However, sown area under coarse cereals, cotton and sugarcane recorded increase of 5%, 7.5% and 0.9%, respectively, during the period.

1.1.5 As per the available data of area coverage under *rabi* crops, total sown area under all *rabi* 2022-23 crops was 72.07 million ha compared to 69.80 million ha during the corresponding period in the previous year. Area coverage during *rabi* 2022-23 was 3.3% higher over *rabi* 2021-22. Among the principal crops, area covered under food grains increased by 2.6% and oilseeds by 7.3% during the period. Among the food grain crops, area coverage under wheat, rice, coarse cereals and pulses increased by 0.4%, 32%, 4% and 0.3%, respectively, during the period.

1.2 Comfortable Availability of Fertilizers

1.2.1 Taking into considerable stock at all levels from plant/port to last mile, there was comfortable availability of fertilizers from opening inventory during 2022-23. Inventory of urea at various points was about 6.2 million MT at the beginning of 2022-23. Inventory of DAP and NP/NPKs together was about 4.6 million MT, SSP 1.7 million MT and MOP 0.6 million MT during the period. Additional domestic production from 5 new urea plants (*viz.* Matix, Ramagundam and 3 units of HURL) contributed to the availability of urea more secure during 2022-23. As a result, import of urea was lower during 2022-23 compared to previous year.

1.2.2 Healthy Growth in Production

1.2.2.1 Production of total fertilizer products at 48.68 million MT during 2022-23 showed an increase of 11.3% over 2021-22. Production of urea at 28.49 million MT, DAP at 4.35 million MT, NP/NPK complex fertilizers at 9.30 million MT and SSP at 5.64 million MT during 2022-23 recorded increase of 13.6%, 3.0%, 11.9% and 5.5%, respectively, over 2021-22.

1.2.2.2 In terms of nutrients (N+P₂O₅), production registered increase of 11.6% during 2022-23 over the previous year. Production of N and P₂O₅ at 15.74 and 5.01 million MT during 2022-23 recorded increase of 13.5% and 6.3% over 2021-22, respectively.

1.2.2.3 Among the existing urea operating plants, one plant in Assam was shut down during the entire year due to equipment failure in ammonia synthesis section. Another plant in Andhra Pradesh was partially under shut down due to non-availability of

gas. A few other urea plants suffered equipment problems. It was expected that there would be higher urea production but few old plants did not operate well compared to previous year. There had been considerable increase in prices of raw materials/ intermediates during the year. Some of the DAP/NP/ NPK fertilizer plants suffered due to raw material limitations. In spite of several challenges, industry maintained the production level and imports during the year

1.2.3 Mixed Growth in Imports

1.2.3.1 The import of urea declined by 17.0% during 2022-23 over 2021-22 due to contribution of indigenous urea with commissioning of 5 new plants. There had been reduction in import of MOP by 24.1% during the period due to high prices in the international market. However, import of DAP and NP/NPK complexes showed an increase of 20.5% and 135% in 2022-23 compared to 2021-22, respectively. The quantum imports of urea, DAP, NP/NPKs and MOP were 7.58 million MT, 6.58 million MT, 2.75 million MT and 1.87 million MT, respectively, during 2022-23.

1.3 Marginal increase in Consumption

1.3.1 The actual consumption data of fertilizers for 2022-23 are yet to be finalized by the Government. In the absence of actual consumption data, DBT sales data for 2022-23 have been used as an estimate of consumption. Consumption of fertilizers in terms of nutrients (N+P₂O₅+K₂O), estimated to be at 29.84 million MT during 2022-23, witnessed a marginal increase of 0.2% over 2021-22. The estimated consumption of N at 20.21 million MT and P₂O₅ at 7.92 million MT during 2022-23 recorded increase of 4.0% and 1.2%, respectively, over 2021-22. However, consumption of K₂O at 1.72 million MT showed a sharp decline of 32.2% during the period.

1.3.2 In terms of product, All-India estimated consumption of urea at 35.73 million MT and DAP at 10.53 million MT registered increase of 4.5% and 13.6%, respectively, during 2022-23 over 2021-22. However, NP/NPK complex fertilizers at 10.07 million MT, SSP at 5.02 million MT and MOP at 1.63 million MT witnessed decline of 12.2%, 11.7%, and 33.6%, respectively, during the period. Total consumption of all fertilizer products at 63.76 million MT during 2022-23 showed a marginal decline of 0.3% over 2021-22.

1.3.3 State-wise analysis shows that the sale of urea increased in most of the states during 2022-23 over 2021-22 except Assam, Goa, Haryana, Himachal



Pradesh, Jammu & Kashmir (UT), Jharkhand, Kerala, Punjab, Tamil Nadu, Tripura and Uttarakhand. Similarly, state-wise sale of DAP also increased in most of the states except Chhattisgarh, Jharkhand, Odisha and Tripura. However, sale of NP/NPK complex fertilizers, MOP and SSP registered negative growth during the year in almost all the states.

2.0 POLICIES RELATED TO FERTILIZER SECTOR

2.1 Major Issues Faced by the Industry

2.1.1 FAI continued to highlight issues faced by Indian fertilizer industry before concerned government authorities including the Ministry of Chemicals & Fertilizers, Ministry of Agriculture & Farmers Welfare and Ministry of Finance for their redressal. These interalia included issues related to pricing and subsidy policies for urea and P&K fertilizers, budget allocation for fertilizer subsidy, subsidy payments and taxation regime, freight reimbursement, proposed NBS model on urea, etc. Views of the industry were put forward to the government through virtual and physical meetings; interactions; presentations; written representations; and representations & deliberations in various committees/subcommittees formed by the Government. Important issues are mentioned in the following paragraphs.

2.2 Issues of Urea Industry

2.2.1 FAI continued to pursue for correction in existing urea policy including minimum fixed cost, further increase in fixed cost beyond what has been given in Modified NPS-III policy and linking of fixed cost with appropriate cost index to address future increases. It also covered the issue of successive mopping up of improvement in energy efficiency, need for recognition of investment in energy improvement projects and incentives for coal using units. These issues along with measures for increasing allocation of domestic gas were also submitted for deliberations of the Committee and Sub-committee constituted by the DoF on urea policy.

2.2.2 The draft report of the Sub-committee was presented in the 2nd meeting of the Committee on 23rd June, 2022. The report apart from correction in existing policy, suggested medium-term measures like NBS policy for urea, IPP based pricing of existing urea units, direct payment for gas to gas suppliers by DoF and measures for reducing the cost of natural gas including bidding for new gas availability through aggregators like GAIL, IOCL. The report had also flagged the issue of non-recoverable accumulated input tax credit likely to result when natural gas is brought under GST and underlined the need for appropriate changes in urea pricing policy to address the issue. The report also

stated that there is limited scope of introducing green ammonia in urea sector but there is potential for using green ammonia in P & K sector.

DoF conducted a meeting on 14th December, 2.2.3 2022 with the representatives of urea industry wherein NBS model for urea was proposed by DoF. Department of Fertilizers also sought the suggestions of the industry to be submitted through FAI on the model. Accordingly, FAI in consultation with representatives of few urea units in Delhi prepared the data analysis to assess the impact of DoF proposal. The same was shared with all urea companies. It was discussed in details during a consultative meeting held in hybrid mode on 23rd December, 2022. This was followed by another virtual meeting of all urea CEOs held on 26th December, 2022 wherein the industry proposals were discussed and finalized. Based on these discussions and suggestions received from representatives of urea companies, industry suggestions were submitted by FAI on 28th December, 2022 to DoF. Subsequently, a meeting was taken by the Secretary (Fertilizers) on 10th January 2023. Chairman, DG and ADG, FAI attended the meeting. The proposed NBS for urea basically seeks to compensate the units based on import parity price basis. Joint Secretary, DoF made a presentation responding to various suggestions made by FAI. Secretary (Fertilizers) mentioned that they will consider only one average energy norm instead of three norms for calculating any losses to be made under proposed NBS for urea. He also mentioned that the proposal is at initial stage of discussion and it will take some time to firm up the proposal and get it approved.

2.2.4 Based on the observations during the meeting, a supplementary note was also submitted to DoF on 25th January, 2023. The supplementary note mainly highlighted the need for flexibility in production pattern including quantum of urea, sale of surplus ammonia and value added urea or any other product / by-product without any restriction under the proposed NBS policy. In response to DoF's observations regarding not allowing diversion of any part of urea production at least upto re-assessed capacity (RAC) for non-agricultural purposes, FAI suggested to allow sale of surplus ammonia or any other value added or by-products without any gain sharing with the Government after the unit has achieved production of 100% of RAC. The existing gain sharing formula for surplus ammonia for technical reasons and after achieving production upto 100% of RAC should also be done away with.

2.2.5 Minimum Fixed Cost

2.2.5.1 FAI continued to pursue with DoF the issues

related to minimum fixed cost, Further increase in fixed cost beyond what has been given in Modified NPS-III policy and linking of fixed cost with appropriate cost index to address future increases. A separate Committee in DoF has been constituted to review the fixed cost issues and the same is carrying various exercises in this regard. FAI submitted information to DoF regarding profitability from urea business based on data received from urea units for the period from 2014-15 to 2020-21 including the provisions of Modified NPS-III policy amended on 30th March, 2020. Profitability data of urea units was submitted to DoF in response to a query raised during a meeting of the Committee on fixed cost. This information has been helpful in underlining poor profitability from urea operations under existing policies.

2.2.6 Escalation Claims

2.2.6.1 In view of the continuous sharp rise in pool prices of gas during the year 2021-22 & 2022-23 and delay in processing of quarterly escalation claims by DOF, FAI continued to follow up for expediting pending escalation claims and had written a letter dated 27th July, 2022 to DoF for expediting escalation claims for 2020-21 and 2021-22. FAI had further requested for providing adhoc increase in subsidy rates to cover the steep increase in pool price of gas for the 4th quarter of 2021-22 and the 1st quarter of 2022-23 over the 3rd quarter of 2021-22. Energy cost has increased by about Rs. 15,000 per tonne urea in 1st quarter 2022-23.

2.2.7 Further Increase in Fixed Cost

2.2.7.1 Modified NPS-III policy amended and approved in March 2020 was implemented from 2014-15 onwards. This allowed a nominal increase of Rs.350/tonne of urea in fixed cost to partly address the increase in selected 4 elements viz., salaries & wages, contract labour, repair & maintenance and selling expenses. This increase was allowed based on the analysis of increase in cost upto the year 2008-09. There has been significant increase in these 4 elements of cost beyond 2008-09. Moreover, significant increase in elements of fixed cost, other than these selected 4 items, over the costed year 2002-03 for NPS-III policy for about 20 years also remains unrecognized. Further, the Government has mopped up successive improvements in energy efficiency against the NPS policy. But, the investment made for energy improvement projects has not been included as part of fixed cost. Hence, there was an urgent need for updating all elements of fixed cost to ensure continued viability of all existing urea units. Needless to

mention, these units are consistently providing urea at much lower cost than the cost of imported urea and relative advantage of domestic production increased significantly.

2.2.7.2 FAI has been regularly pursuing for updation of fixed cost beyond the nominal relief that was provided under Modified NPS-III policy. The DoF has been regularly collecting fixed cost data from all urea units. The increase in fixed cost of all urea units over the fixed cost being currently allowed, is well within the knowledge of the Government. All these issues have been discussed on various forums like Working Groups set up under *Chintan Shivir*, Committees and sub-committees constituted for review and formulation of new urea policy and the Task Force which are undertaking various exercises.

2.2.8 Production of Urea beyond Reassessed Capacity

2.2.8.1 FAI invited all CEOs of Urea industry virtually on 5th June, 2023 to discuss the issues related to production of urea beyond RAC and other urea related issues. As per the discussion, a letter from FAI was sent to Joint Secretary, DoF on 7th June, 2023. It has been mentioned that at the prevailing scenario when international urea prices have nosedived and gas prices remaining at high levels (due to linkage with crude prices), the cost of production of domestic urea units will exceed the import parity prices (IPP). This will adversely affect the production beyond RAC. Any reduction in production beyond RAC has following implications:

(i) Many urea plants will have to shut down in last quarter of the year due to considerable adverse effect on the financials positions of urea companies which are already suffering under-recoveries even for production even up to RAC.

(ii) Ammonia-urea plants work under highly corrosive conditions and their preservation during shut down requires very special measures. There is always risk to the health of plant and machinery during any prolonged shut down.

(iii) Urea units will not be able to off-take gas and will be subjected to penalties under 'take or pay' and 'ship or pay' clauses of gas supply contracts. It will also create huge surplus of gas (mostly imported) and it will be difficult for gas suppliers to find market for this surplus gas. This will also affect operation of gas grid.

(iv) In the event of reduction in domestic production by several million MT, international prices of urea are likely to go up significantly, all other conditions remaining same.



2.2.8.2 In order to ensure continuous production beyond RAC, FAI requested the DoF further to consider the following:

- i. The import parity cap may be removed under prevailing conditions
- ii. The pooled price of natural gas should be continued in line with the past years for production beyond RAC.

2.2.8.3 FAI letter also referred to the para 2 of the DoF dated 7th April 2017 wherein it revealed that in case of adverse impact on the production beyond RAC due to fluctuation in IPP, DoF is authorized to take an appropriate decision in consultation with Department of Expenditure.

DoF notified the extension of the revised 2.2.9 energy norms of NUP-2015 for 14 urea manufacturing units on 18th November, 2022. Government extended 2015 norms till 31st March, 2023 with additional penalty of 2% imposed on all the units which are not Target Energy Norms (TEN) compliant w.e.f. 1st October, 2022. This additional penalty along with the penalty imposed earlier will be in effect till 31st March, 2023, by which date all units should mandatorily be TEN compliant and no further extension will be allowed. Further, in case of the six nominated urea manufacturing units are not able to meet the TEN even by the extended timeline of 31st March, 2023, Department of Fertilizers would move a proposal after in depth examination for consideration of Department of Expenditure and the said proposal would be examined on its own merit.

3.0 POLICIES RELATED TO P&K FERTILIZERS

3.1 FAI continued to pursue with the DoF to address the issue of under-recovery of cost at notified NBS rates of subsidy due to steep increase in international prices and reasonableness of MRP.

3.2 Department of Fertilizers has constituted an Expert Committee comprising of officials from the NITI Aayog, Department of Agriculture and Farmers Welfare, Department of Expenditure, Department of Agricultural Research and Education and Fertilizer Industry to recommend measurers under the NBS policy to promote the objectives of present policy initiatives of the Government including Atma Nirbhar Bharat Mission.

3.3 FAI submitted a brief note on P&K fertilizers to the DoF. The note, among other things, highlighted the wide gap in subsidy on N component given under NBS policy for P&K fertilizers and that on domestic urea under urea pricing policy, except for 2022-23 when the gap is almost bridged. This has resulted in imbalance in use of fertilizers. It further highlighted the continuing wide gap in NPK use ratio, increasing share of subsidy on urea in total fertilizer subsidy and the need for bringing urea under NBS policy for promoting balanced fertilization.

3.4 Issues Related to GST

3.4.1 FAI made a representation on issues of GST to the Secretary, Department of Revenue vide its letter dated 23rd September, 2022. This letter, among other things, also included issue of non-refund of un-utilized ITC arising due to subsidy on fertilizers on domestic as well as imported fertilizers. A copy of this letter was sent to the Secretary (Fertilizers) for taking up with the Ministry of Finance. As a follow up, FAI further addressed a letter dated 21st November, 2022 to the Commissioner (GST), CBIC requesting for urgent clarification on the issue of refund of ITC arising due to subsidy on fertilizers. This representation also included copies of show cause notices, recovery orders etc. by the GST authorities in different states leading to avoidable litigations. A copy of this representation was also sent to the Secretary (Fertilizers) requesting for suitable recommendation to the Ministry of Finance. The issue was also discussed with Joint Secretary, DoF in person on 23th November, 2022. Accordingly, DoF had also taken up the issue with the Secretary, Department of Revenue, Ministry of Finance vide DoF's letter F. No. 15011/76/ 2022 - P&K dated 2nd December, 2022. However, necessary clarification is yet to be issued by the concerned Department of the Ministry of Finance. As a follow up, FAI again sent a reminder to DoF vide its letter 20th January, 2023 requesting for early resolution of the issue.

3.4.2 Further, FAI addressed a letter dated 10th March, 2023 to the Chairman, Central Board of Indirect Taxes & Customs, referring FAI's earlier representations dated 23rd September, 2022 and 21st November, 2022 on the subject submitted to the Ministry of Finance. It was requested that when eligibility for refund of inverted duty structure is fulfilled as per Section 54 of the CGST Act, there cannot be artificial bifurcations made beyond the formula prescribed under Rule 89(5) of the CGST on account of subsidy, nature of inputs, etc

3.4.3 On the FAI representations and follow up with GST Council, Mr. Shashank Priya, Member GST, CBIC gave the appointment on 23rd June, 2023 to discuss the issues of GST with the representatives of the fertilizer industry. Director General, FAI; Managing Detector, IPL; Assistant Vice President (Finance), Chambal Fertilisers & Chemicals; Joint General Manager (Finance), IFFCO; and Chief (Statistics & IT), FAI met the Member GST, CBIC. The representatives apprised him the problems of the GST which is impacting

adversely the fertilizer sector under the GST law regarding computation of refund in inverted duty structure in case of P&K fertilizers and others. Respected Member GST, CBIC had a patient hearing and said that his department is in process to resolve the issue.

3.5 Reasonableness of Profit/MRP

Department of Fertilizers issued recovery 3.5.1notices retrospectively i.e. since 2012 to 2020 on account of unreasonableness of MRP to a few P&K fertilizer suppliers referring to its IOM dated 15th November, 2019. It was noticed that while calculating reasonableness, indirect taxes like excise duty, VAT, Sales Tax, GST on output supply had also been included as part of revenue. Also the reasonableness has been worked out at product level and not at portfolio/company level. Post representation, DoF vide Office Memorandum No. 23011/8/2020-P&K dated 24th September, 2020 kept those recovery orders on hold and decided to review the provisions of reasonableness of MRP of P&K fertilizers guidelines dated 15th November, 2019.

3.5.2 In this context, DoF constituted a committee on 28th April, 2023 to review the reasonable profit and indigenous investment in the P&K sector. The members comprised of Additional Secretary, Joint Secretary from DoF and DG, FAI. The committee had preliminary review meeting on 1st May, 2023. It was suggested during the meeting to have the views of the industry on the reasonableness of MRP/profit. Accordingly, FAI conducted a virtual meeting with the senior officials of the P&K fertilizers on 5th May, 2023 to ascertain the views of the Industry.

3.5.3 The views of the industry were summarized and presented to the committee on 8th May, 2023. FAI suggested that the current formula for calculating the reasonableness of MRP which is inclusive of GST conflicts with margin workings. While determining reasonableness margin, GST should be excluded. Any reasonableness criteria should be prospective and not retrospective. Reasonableness criteria to be applied at business level (Indigenous and Imported separately), and not at product level. GST excluding 12% should be applied at overall portfolio level instead of product-wise. Reasonableness of margin to be evaluated once in a year based on the cost audit statements furnished by the companies. Differential rates for reasonableness margin can be considered for domestic players v/s importers.

3.5.4 In the meeting, FAI also brought out the facts on rationale of discounts, limitations in creation of profit pool, etc. FAI also suggested the committee to modify the cost data format for both indigenous and imported P&K fertilizers. 3.5.5 Further, DoF invited all P&K fertilizer manufacturers and importers on 9th June, 2023 and made a presentation followed by discussion on the subject cited above. Most of the company representatives attended the meeting either physically or virtually. Joint Secretary, DoF, further requested the companies to furnish their views on each point to FAI and asked FAI to submit a consolidated report on the same. Accordingly, FAI requested all P&K fertilizer companies to share their views on each points by 13th June, 2023 followed by a virtual meeting scheduled on 14th June, 2023. Based on the inputs received, FAI submitted summarized views of the industry to DoF on 15th June, 2023.

3.6 Payment Related Issues

3.6.1 FAI continued to regularly pursue the issues of P&K segment. In this context, FAI letter dated 27th December, 2022 addressed to the Secretary (Fertilizers) requesting therein to consider for arriving at NBS subsidy rates on P&K fertilizers for ensuing kharif 2023 crop season. Further, FAI through another letter dated 27th December, 2022 addressed to the Secretary requested for compensation of losses on import of DAP for the period from 25th October, 2021 to 31st March, 2022 substantiating its request with cost data of individual companies. Accordingly, FAI sent a presentation to DoF covering the information on loss on DAP during January-March 2022 and April-December 2022; profit/loss status for April-December 2022 along with published figures; opening stock as on 31st December, 2022 along with reasons for stuck up stocks and expenses which are increasing causing losses to the companies.

3.7 Constitution of New Committee on P&K Fertilizers

3.7.1 As decided in the FAI Board Meeting held on 7th December 2023, a Committee consisting of 8 Directors of FAI including Chairman and DG, FAI was constituted to deliberate on issues of the P&K fertilizer sector.

3.7.2 Further, on 9th February, 2023, FAI organized a meeting of all CEOs of P&K fertilizer companies wherein the issues of the P&K segment covering both imported and domestic production were discussed in detail. Based on the discussion, a letter dated 23rd February, 2023 was submitted to the DoF

3.8 DoF Committee on P&K Fertilizers

3.8.1 FAI vide its letter dated 9th February, 2023 has recommended four representatives of the industry as members to the Committee formed by DoF on P&K fertilizers.





3.9 Constitution of FAI Committee on GST

3.9.1 As decided in the 407th Board Meeting of FAI held on 20th March, 2023, a Committee on GST has been constituted in consultation with the Chairman, FAI. The Committee comprised of the nine functional executives of fertilizer companies:

3.9.2 The Committee would deliberate on all GST related issues of fertilizer industry and take up the issues with the concerned Government departments through FAI. The issues *inter-alia* include non-refund of accumulated ITC due to subsidy under inverted duty structure, non-refund of ITC due to services, imported urea like GST dispensation for imported P&K fertilizers and other related issues.

3.9.3 Subsequently, a virtual meeting of the members was held on 30th March, 2023 and discussed upon (i) Issue of non-refund of accumulated ITC due to subsidy on fertilizers and need for necessary clarification by CBIC; and (ii) Exploring possibility of imported urea like dispensation for other imported P&K fertilizers and suggesting measures for the same.

3.9.4 In the meeting, members decided that for the time being FAI would continue to pursue on priority the issue for a clarification for refund of unutilized ITC arising due to subsidy on fertilizers under inverted duty structure. The request for changing the GST law for refund arising due to subsidy even when inverted duty structure is not there, will be taken up separately.

3.10 NBS Policy for *Kharif* 2022

3.10.1 There had been significant increase in the international prices of finished fertilizers and raw materials during the major part of 2022-23. To keep the prices of P&K fertilizers affordable to the farmers, DoF issued a notification on 27th April, 2022 and enhanced the subsidy rates of such fertilizers falling under NBS policy for *kharif* 2022. The per kg NBS rates of N, P, K and S were increased from Rs. 18.789, Rs. 45.323, Rs. 10.116 and Rs. 2.374 during rabi 2021-22 to Rs. 91.96, Rs. 72.74, Rs. 25.31 and Rs. 6.94, respectively, for kharif 2022. Accordingly, subsidy per MT on DAP and MOP increased from Rs. 33,000 and Rs. 6,070 per MT during rabi 2021-22 to Rs. 50,013 and Rs. 15,186 per MT, respectively, for kharif 2022. Subsidy on NP/ NPK grades of fertilizers ranged between Rs. 27,947 and Rs. 46,116 per MT for kharif 2022. However, subsidy on SSP and Potash Derived from Molasses (PDM) remained unchanged at Rs. 7,513 per MT and Rs. 1,467 per MT, respectively, for season. The per MT additional subsidy for fortified fertilizers with boron at Rs. 300 and zinc at Rs. 500 continued.

3.11 NBS Policy for Rabi 2022-23

3.11.1 Taking cognizance of situation of the international market, the Government of India revised the rates of NBS for rabi 2022-23 vide notification dated 2nd November, 2022. The per kg NBS rates of N, P, K and S were revised to Rs. 98.02, Rs. 66.93, Rs. 23.65 and Rs. 6.12, respectively, for rabi 2022-23. Accordingly, subsidy per MT on DAP and MOP reduced to Rs. 48,433 and Rs. 14,188 per MT, respectively. Subsidy on NP/NPK grades of fertilizers ranged between Rs. 26,864 and Rs. 46,188 per MT for rabi 2022-23. However, subsidy on SSP and PDM remained unchanged at the level of kharif 2022. The per MT additional subsidy for fortified fertilizers with boron and zinc also remained the same.

3.11.2 In response to apprehension of downwards revision of NBS subsidy rates for January to March, 2023 in view of declining international price trends, FAI requested the Secretary (Fertilizers) vide letter dated the 9th January, 2023 for continuation of the same subsidy rates till March 2023. The huge losses suffered in the earlier periods were yet to be fully compensated and also in view of the negative impact on stocks procured at higher prices. In response to FAI request, DoF provided an opportunity to make a presentation before Inter Ministerial Committee (IMC) held on 11th January, 2023 wherein Chairman, FAI made a virtual presentation substantiating with relevant data for a few companies and requested for continuing with the existing rates. This was followed by another letter dated 20th January, 2023 providing cost data received by FAI from 8 companies containing company-wise cost of sales, profit / loss and the quantum of stocks held as on 31st December, 2022 with the average cost of such stocks.

3.11.3 However, keeping in view the downward trends in the prices of fertilizers and raw materials in the international market but above pre-crisis levels, DoF revised the NBS rates of P&K fertilizers for rabi 2022-23 from 1st January, 2023 to 31st March, 2023 on 18th May, 2023. The per kg NBS rates for N and K were increased while for P and S were reduced. The per kg NBS rates of N, P, K and S were revised to Rs. 99.27, Rs. 49.94, Rs. 25.70 and Rs. 2.84, respectively, for rabi 2022-23 applicable from 1st January, 2023 to 31st March, 2023. Accordingly, there had been reduction in subsidy on DAP to Rs. 40,841 per MT for the said period. However, subsidy for MOP increased to Rs. 15,420 per MT during the period. Subsidy on NP/NPK grades of fertilizers ranged between Rs. 23,826 per MT and Rs. 41,779 per MT during the period. However, subsidy on SSP, PDM and additional subsidy for fortification of P&K fertilizers with boron and zinc remained unchanged.

3.12 NBS Policy for *Kharif* 2023

3.12.1 FAI submitted a representation to the Hon'ble Union Minister of Chemicals & Fertilizes and Health & Family Welfare vide its letter dated 27th January, 2023 requesting therein to consider realistic cost while fixing NBS subsidy rates going forward for 2023-24 including variation in foreign exchange rates, fixed cost, etc. and implementation of these rates with prospective effects protecting the opening stocks from the change in subsidy rates.

3.12.2 As a follow up of the meeting of industry representatives with the Hon'ble Minister held on 7th February, 2023, FAI addressed a letter dated 23rd February 2023 to the Secretary (Fertilizers) comprehensively covering the issues of P&K fertilizer segment including need for notification of NBS rates in advance, implementation of NBS subsidy rates with prospective effects, consideration of realistic cost and exchange rate variations in deciding NBS rates, non-inclusion of GST on output as part of revenue in computation of reasonableness and compensation for losses on

account of non-refund of unutilized ITC of GST.

3.12.3 Department of Fertilizers vide O.M. dated 18th May, 2023 notified the NBS rates for P&K fertilizers for Kharif 2023 (from 1st April to 30th September, 2023). The per kg NBS rates of N, P, K and S has been reduced. The per kg NBS rates of N, P, K and S has been fixed at Rs. 76.49, Rs. 41.03, Rs. 15.91 and Rs. 2.80, respectively, for kharif 2023. Accordingly, subsidy on DAP, MOP and SSP has been fixed at Rs. 32,641, Rs. 9,547 and Rs. 6,872 per MT, respectively for the said period. Similarly, subsidy on NP/NPK grades of fertilizers ranged between Rs. 18,077 per MT and Rs. 32,906 per MT during the period. Subsidy on PDM increased to Rs. 2,307 per MT. Additional subsidy per MT for fortified fertilizers with boron and zinc continued at the same level of Rs. 300 and Rs. 500, respectively.

4.0 BUDGET ALLOCATION AND PAYMENT RELATED ISSUES

4.1 FAI Pre-Budget Memorandum

4.1.1 FAI submitted fertilizer industry pre-budget memorandum for Union Budget 2023-24 containing industry suggestions regarding taxation issued facing the industry covering indirect & direct taxes and also budget allocation for fertilizer subsidy.

Table 1. Fertilizer SubsidyBudget provi				(Rs. Crore)
Item	2021-22	2022-23	2022-23	2023-24
	(Actual)	(Budget)	(Revised)	(Budget)
Urea Subsidy				
- Payment for Indigenous Urea	56537.56	46596.78	118457.24	104063.18
- Payment for Import of Urea	48432.56	20590.00	38894.15	31000.00
- Direct Benefit Transfer(DBT) in	11.78	15.54	15.54	16.94
Fertilizer Subsidy				
- Recovery	-3993.77	-3980.00	-3269.00	-3980.00
Net	100988.13	63222.32	154097.93	131100.12
Nutrient Based Subsidy				
 Payment for Indigenous P and K Fertilizers 	31931.46	25200.00	42089.67	25500.00
 Payment for Imported P and K Fertilizers 	20794.80	16800.00	29032.56	18500.00
- Payment for City Compost	43.71	-	-	
Total- Nutrient Based Subsidy	52769.97	42000.00	71122.23	44000.00
Scheme for promotion of flagging of merchant ships in India	-	-	2.16	3.25
Total Subsidy	153758.10	105222.32	225222.32	175103.37
Source: Union Budget 2023-24				



4.2 Budget Allocation for 2023-24 (BE) and 2022-23 (BE & RE)

4.2.1 The Table on budget allocation depicts subsidy outgo for 2021-22, Budget Estimate (BE) and Revised Estimate (RE) for 2022-23 and BE for 2023-24.

4.3 Budget Allocation for 2022-23

4.3.1 Government has been providing sufficient funds for fertilizer subsidy for last three years. During the year 2022-23, the Government had budgeted Rs.1,05,222 crores for fertilizer subsidy. But, the unusual spike in international prices caused disruption in the availability and prices of raw materials and finished fertilizers. This led to a huge increase in subsidy requirement to insulate the farmers and agriculture from skyrocketing fertilizer prices. The total subsidy on fertilizers was increased to Rs. 2,25,222 crores in revised budget estimates for 2022-23, a rise of Rs. 1,20,000 crores as against the original budget allocation.

4.4 Budget Allocation for 2023-24

4.4.1 The budget allocation for fertilizer subsidy is Rs.1,75,103 crores for the year 2023-24. Budget for urea subsidy is Rs. 1,31,100 crores which is lower by Rs. 22,998 crores than the revised BE for 2022-23. Similarly, the subsidy for P&K fertilizers has also been reduced by Rs. 27,122 crores. Adequacy of allocation will depend on actual international prices of energy, fertilizers and raw materials during the year.

5.0 OTHER TAXATION ISSUES

5.1 Supreme Court Decision on IGST on Ocean Freight on Reverse Charge Basis w.r.t. CIF Import Contracts

5.1.1The levy of IGST on reverse charge basis on Ocean freight related to imports made on CIF contracts was resulting in double taxation. First, as part of CIF value of imports and again separately on Ocean freight portion (service of transportation) on reverse charge basis. This matter was dealt with earlier by the Hon'ble Gujarat High Court in the Petition of M/s Mohit Minerals Pvt. Ltd. However, the Centre filed an Appeal in the Hon'ble Supreme Court against the judgment of the Gujarat High Court. The Hon'ble Supreme Court agreed with the Judgment of the Gujarat High Court that a tax on supply of service, which has already been included by the legislation as a tax on the composite supply of goods, cannot be allowed. The Apex Court also observed that levy imposed on the 'service' aspect of the transaction is in violation of the principle of 'composite supply'.

Since the Indian importer is liable to pay IGST on 'composite supply' comprising supply of goods and supply of services of transportation, insurance, etc. in a CIF contract; a separate levy on the Indian importer for the 'supply of service' by the shipping company, would be in violation of the GST Law. This decision should provide much needed relief to the industry.

5.1.2 Supreme Court Judgement in May 2022 has declared levy of IGST on Ocean Freight on reverse charge basis in CIF import contracts, ultra vires. Further, the Gujarat High Court in July, 2022 in a petition related to M/s. Louis Dreyfus Company India Private Ltd. has directed the Central Government that if any IGST amount is collected, the same shall be refunded within six weeks along with statutory rate of interest.

5.2 Refund against unutilized input tax credit (ITC) against GST paid on input services on account of inverted duty structure under Rule 89(5)

5.2.1 Hither to, a large portion of GST on input services used to remain unutilized due to inverted duty structure in fertilizer sector. Refund against unutilized ITC on input services was not allowed as per formula prescribed under Rule 89(5). FAI had represented on the issue with the Ministry of Finance and the GST Council. Supreme Court in a judgement related to VKC Footsteps India Private Limited suggested GST Council to consider redressing the issue by suitable amendments in Rule 89(5). Subsequently, the GST Council in its 47th meeting held during 28th and 29th June, 2022, proposed to amend the formula to provide some relief.

5.2.2 The formula for refund has since been amended vide CBIC's notification no. 14/2022-Central Tax dated 5th July, 2022. The old formula and the amended formula for refund under rule 89(5) are given below:

Old Formula under Rule 89(5) of CGST Rules:

Maximum Refund Amount = {(Turnover of inverted rates supply of goods and services) x Net ITC/Adjusted Total Turnover} – {tax payable on such inverted rated supply of goods and services}

Newly amended Formula under Rule 89(5) of CGST Rules vide amendment dated 05.07.2022:

Maximum Refund Amount = {(Turnover of inverted rates supply of goods and services) x Net ITC/Adjusted Total Turnover} – {tax payable on such inverted rated supply of goods and services * (Net ITC / ITC availed on Inputs & Input services)} Thus, this has reduced the amount to be deducted from the entire amount of tax payable on such inverted rated supply of goods and services, to proportionate in the same ratio in which ITC has been claimed on inputs and input services. This will increase the amount of refund allowed.

6.0 OTHER POLICY RELATED ISSUES

6.1 Strategic Reserve Under NBS Policy for Decontrol P&K Fertilizers

6.1.1 In response to a proposal by DoF for creating and maintaining strategic reserves under NBS Policy for decontrolled P & K fertilizers, FAI submitted a note containing industry suggestions on the subject to the Joint Secretary, DoF on 20th January, 2023 based on inputs received from the industry members.

6.2 PLI Scheme for Fertilizer Sector

6.2.1 The Department of Fertilizers is working on Production Linked Incentive scheme for the fertilizer sector. FAI prepared a note and same was sent to the DoF. Subsequently, DoF held a hybrid meeting on 28th February, 2023 of the P&K Industry. Joint Secretary (DoF) and Director (P & K, IC, Fert. Act & Vigilance) and Director (Fertilizer Subsidy, Fertilizer Flying Squad & Fert. Innovation) were present. ADG, and Chief (Technical), FAI attended the meeting. Industry representatives attended the meeting at DoF and also through VC. The DoF informed that they have considered six sub-areas where PLI scheme in fertilizer sector may be promoted. These include existing fertilizer plants, new products, new technology, special assistance for capital investment, promotion of organic/bio-fertilizers and green technology.

6.2.2 Industry members mentioned that in case of P&K sector, lot of capacity is under-utilized. Factors affecting the production of the existing plants were brought to the notice of DoF. It was emphasized that adequate compensation under the present policy framework will also help industry to improve its productivity. Members present in the meeting suggested that existing production facilities especially in DAP/NPK and SSP fertilizer industry may be considered for PLI above a baseline production. Import of rock phosphate from sources such as Syeria to be facilitated. Government may also participate in the mining projects for rock phosphate and potash abroad. Capital investment for new NP/ NPK projects, intermediates like sulphuric acid and phosphoric acid and beneficiation of rock phosphate and energy saving projects in urea plants should be considered for PLI. Bio-organic based fertilizers should also be encouraged.

6.2.3 For green ammonia and green technology, Ministry of new Renewable Energy has already having a PLI scheme to support the upstream stakeholders for making renewable energy competitive. However, viability gap funding will be needed for meeting the obligation of use of green ammonia in fertilizer industry. DoF requested each member present in the meeting to provide their comments in writing. As requested by DoF, FAI prepared a note on investment in joint ventures in mining projects of rock phosphate and potash and sent to DoF.

6.3 Measures to Promote Indigenous Investments in P&K Fertilizer Sector

6.3.1 As per the DoF request, FAI sent a mail to JS, DoF, on 24th February, 2023 regarding the suggestions of fertilizer industry on measures to promote indigenous investments in P&K fertilizer sector. Among various suggestions, it has been suggested that to promote investment in fertilizer sector, there should be possibility of earning reasonable margin to attract fresh investment. There is need of fast track approval process for setting up phosphoric acid and NP/NPK fertilizer granulation plants, rationalizing customs duties on raw materials / intermediates, facilitating companies to explore rock phosphate reserve within India and abroad to leverage on sovereign relationship in securing investments, etc.

6.4 Implementation of One Nation One Fertilizer

6.4.1 DoF issued an OM on 24th August, 2022 to implement 'One Nation One Fertilizer' by introducing single brand for fertilizers and logo under fertilizer subsidy scheme namely "Pradhanmantri Bhartiya Janurvarak Pariyojna (PMBJP). The single brand name for Urea, DAP, MOP and NPKs, etc. would be Bharat Urea, Bharat DAP, Bharat MOP and Bharat NPK, etc., respectively, for all fertilizer companies, State trading entities and fertilizer marketing entities.

6.4.2 Further, on 1st November, 2022, DoF informed all fertilizer companies that the design of urea bag and logo forwarded earlier must be adopted by fertilizer manufacturers/importers within the following timelines:

S. No	Type of Fertilizer	Timeline
	Imported Urea	30th November, 2022
2.	Indigenous Urea	30th November, 2022
3.	Imported P&K	30th November, 2022
4.	Indigenous P&K	31 st December, 2022

6.4.3 The release of fertilizer subsidy to companies



will be considered only for fertilizers dispatched in the new bags after the aforesaid cut-off dates.

6.5 Standardization of Fertilizer Bags

6.5.1 Bureau of Indian Standards issued the sixth revision (IS 9755:2021) of Specification of Textiles – High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks for Packing Fertilizers in March 2021. The All India Flat Tape Manufacture Association represented to Department of Chemicals and Petrochemicals to make IS 9755:2021 mandatory for packing of fertilizers.

6.5.2 A meeting was held in hybrid mode on March 3, 2022 under the Chairmanship of Joint Secretary (Petrochemicals) to discuss the practical difficulties for its implementation. FAI responded to the Department of Chemicals & Petrochemicals (DCPC) vide letter dated March 17, 2022 apprising the difficulties being faced by the fertilizer industry in implementation of IS 9755:2021 and requested to revisit the new specifications before issuing the Quality Control Orders for making the BIS standard mandatory for the fertilizer industry.

6.5.3 DCPC invited the comments of the DoF on the subject cited above. In turn DoF asked FAI to send the comments after deliberation with the fertilizer industry. FAI submitted a representation to DoF on August 3, 2022. It was mentioned that there were no issues on the quality parameters of bags being used by the fertilizer industry. The adoption of the IS 9755:2021 standards in general will not have any added advantage over the previous one, rather, this would increase the cost of bags. In case of urea, the retail price is controlled by the Government and there is no provision for reimbursement of additional cost to fertilizer manufacturers under urea pricing policy. For P&K fertilizers also, there is no provision in NBS policy to recover the increase in the cost of bags. It was therefore requested that adoption of IS 9755: 2021 should not be made mandatory.

6.6 Feasibility of Urea in 10 kg Bags

6.6.1 Department of Fertilizers vide letter dated 7th February 2023 requested the FAI to provide comments on feasibility of packing of urea in smaller size bags. It also requested to provide information regarding state/district where 10 kg bags of urea can be introduced on pilot basis. It was circulated to members. Only one company showed willingness to carry out the study. The modification in infrastructure at plant site to start packing in 10 kg bags would take about 4-5 months' post notification of product in FCO/ finalization of received bag design/endorsement in fertilizer registration certificate. They have also

requested that MRP of the smaller packing should include additional cost to be incurred on packing, handling of bags, etc.

6.7 Recoveries on Account of Import of Rock Phosphate by SSP Manufacturers

A number of SSP manufacturers imported 6.7.1 29% P₂O₅ rock phosphate in February/March 2022 and intimated FEDO/ PDIL for sampling as per procedure and applied to DoF for granting permission to use the same for manufacturing SSP. However, the SSP industry did not receive the approval from DoF. On July 11, 2022, the SSP manufacturers received a letter from DoF that their subsidy amount would be recovered for the SSP manufactured with 29% P₂O₅ rock phosphate without intimation to DoF. Subsequently, the amount was recovered by the DoF from their pending subsidy bills. The SSP industry approached FAI and vide letter dated August 29, 2022, DG, FAI requested the Secretary (Fertilizers) to grant one-time permission for use of 29% P₂O₅ rock phosphate already imported in line with the earlier provisional permissions given to some SSP companies. For the remaining 29% P₂O₅ grade rock phosphate, blending as secondary rock with Jordan rock in ratio of 40:60% as per DoF notification dated May 16, 2013 may be allowed. It was also requested that the recovered subsidy amount may kindly be released after one-time approval for use of 29% P2O5 rock phosphate for manufacturing of SSP.

6.7.2 The DoF constituted a Committee on October 13, 2022, comprising members from DoF, FICC, PDIL and FAI to examine the recoveries effected from the SSP companies/ manufacturers for import of Egyptian Rock Phosphate (ERP) 29% beyond the validity of permission given to the SSP companies and its use for the production/ manufacturing of SSP:

6.7.3 Committee deliberated on the Terms of Reference in its three meetings held on October 20, October 27 and November 2, 2022. Director (Marketing), FAI participated in all the meetings and expressed industry views.

6.7.4 The Committee observed the following three types of scenarios where recoveries could be effected from SSP manufacturing companies on import of ERP 29% and submitted the recommendation to the DoF on November 14, 2022:

(i) SSP manufacturers that imported ERP and had valid prior permission of DoF. It was recommended that the recoveries may be released for these companies.

(ii) SSP manufacturers that imported ERP without prior permission of DoF and did not use it.

(iii) SSP manufacturers that imported ERP without prior permission of DoF and used it to manufacture SSP.

6.7.5 It was recommended for the SSP manufacturers who imported ERP without prior permission of DoF and used / not used may be given an ex-post facto permission and one-time permission for import and use of already imported 29% ERP by levying a penalty of 10% on cost of 29% ERP imported during the period. This was subject to that the companies must use 29% ERP for manufacturing of SSP only not for any other purpose under one-time relaxation. It was informed that DoF accepted the recommendations of the committee and released the amount to the concerned SSP manufacturers.

6.8 **SSP**

6.8.1 In order to increase the production and usage of SSP, DG, FAI vide letter dated September 13, 2022 suggested various measures to the Joint Secretary, DoF, such as allow the use of 29% grade rock phosphate as primary rock for manufacturing of SSP, notify the NBS rate of SSP in line with other P&K fertilizers, allow two referee samples of rock phosphate for testing as permitted in case of finished fertilizers under FCO and moderate the harsh graded penalties proposed in case of failure of SSP samples.

6.8.2 The DoF asked FAI to submit a concept note each on 'SSP Park' and 'Strategic Reserves of Fertilizers'. FAI discussed the matter with the industry and the feedback on both the aspects were submitted to Joint Secretary, DoF on September 19, 2022. FAI welcomed the idea of establishment of SSP parks for creating large scale production facility to take advantage of scale of production and contribute significantly to phosphatic fertilizer requirement of the country. There was also an apprehension of the additional demand for selling the production coming out from such SSP Parks. It was suggested to DoF that National Promotion Programme may be launched to increase the usage of SSP. The location of SSP Park should be based on the raw material availability, inward freight of the imported materials, outward freight of the finished product and the market for the SSP.

6.8.3 For 'Strategic Reserves of Fertilizers', the P&K fertilizers companies can import on government account and inventory carrying cost may be reimbursed to them. State Marketing Federations can also be directed to purchase the material from the industry and keep the strategic reserves in different states. A long-term arrangement can also be made with the overseas fertilizer suppliers in order to ensure

consistent and timely supply in the country. FAI further suggested that there should be a discussion with the all stakeholders before finalizing the policy on 'SSP Park' and 'Strategic Reserves of Fertilizers'.

DoF vide circular dated September 21, 2022 6.8.4 notified the 'rationalization guidelines for SSP industry'. As per the guidelines, hatch-wise single composite sample for all companies importing same grade of rock phosphate through single ship/ vessel will be done by labs/ agencies notified by DoF from time to time. FAI informed the DoF that PDIL, while taking the sample from the port, inviting all the importers for the sampling and also charging fee for testing from each importer separately and sought the clarification in this regard. FAI further clarified that as per the guidelines, if the same grade is imported, composite sample shall be made from all the available hatches and largest importer will make the request for sampling. In case of equal quantity by all importers, anyone of them may apply for sampling.

6.8.5 FAI put-forth the some of the issues of SSP industry to the Joint Secretary, DoF viz. exemption of RSMML rock phosphate, Morocco rock phosphate and Jordan rock phosphate for testing, timely submission of test report of imported rock phosphate, reconsider of testing fee of rock phosphate being charged by the PDIL, test results of same grade rock phosphate drawn from the vessel should be applicable to all importers and delay in taking samples by the agencies from the port.

6.8.6 The letters were sent to DoF on January 27, 2023 and February 28, 2023 to seek the clarification on the import of the Syrian Rock Phosphate by some of the fertilizer manufacturer in India whether, it violates any prevailing law or any bilateral agreement as there is sanction imposed by US due to ISIS movement.

6.8.7 DG, FAI requested the Additional Secretary vide letter dated March 3, 2023 and March 31, 2023 for inclusion of fortified SSP with Mg, Zn and B under NBS policy. It was further requested that till the time it is not included, allow to produce, sale and claim subsidy on fortified SSP as per existing NBS rates of SSP only.

6.8.8 Department of Fertilizers constituted a Committee under chairpersonship of Joint Secretary to formulate guidelines for SSP industry. The first meeting of the Committee was held on 1st July, 2022. Additional DG, FAI attended the meeting virtually. A presentation was made by one of the members of the Committee. Issues related to use of rock phosphate of 29% P_2O_5 , use of low grade rock for beneficiation, capacity utilization norm, powder *vs.* granular SSP



and testing of quality of SSP were discussed. FAI emphasized that SSP should remain part of NBS and accordingly subsidy on SSP should be restored based on its P_2O_5 and sulphur content. The need for testing of SSP quality by NABL accredited laboratories should be included in testing methodology. There was another meeting on 3rd August, 2022 in the DoF which was attended by FAI representative and large number of SSP manufacturers. The issues discussed included penalty for sample failures and sampling and testing of imported rock phosphate.

6.9 Feasibility of SSP Park

6.9.1 FAI prepared a background note on SSP parks one each on the East and the West coast of India. The Bhavnagar is the area identified for setting up and Industrial Park at the West Coast and East Coast park can be developed at Visakhapatnam. The report covered the modalities of the setting up the Park like Public Private Partnership model with several stakeholders (government, autonomous bodies and private investors). It identified some of the fiscal and other incentives required including Stamp Duty Waiver, Capital Investment Benefits, Special Income Tax deduction etc. for viability of the project. The project will involve developing the land exclusively for the SSP fertilizer production. The production capacity at each park could be 10 LMTPA which will include 8-10 plants. The plots of various sizes can be developed for plants not less than 1 LMTPA. The report briefly covered the utilities and other infrastructure facilities required for setting up the park, capital, operating and logistic costs, etc. The market for SSP has to be established in both regions for indigenous consumption as well as export. A detailed feasibility report is required for each site considering the demand and economics of the production at SSP Park.

6.10 **Production of Triple Super Phosphate**

6.10.1 Government had requested FAI to provide a note on feasibility of production of Triple Super Phosphate (TSP). The production of TSP is similar to SSP production. Retrofitting an existing SSP manufacturing unit to produce TSP is relatively easy wherein the acidulation medium is changed from sulphuric acid to phosphoric acid. The acid storage, handling systems should be made compatible for phosphoric acid service. Retrofitting an existing NP/ NPK granulation facility to enable TSP production is more elaborate and capital intensive as compared to the SSP plant retrofit. It was highlighted that the TSP production with 46% P_2O_5 requires rock phosphate with more than 33% P_2O_5 and phosphoric acid of 54% P_2O_5 The cost of TSP would be higher than SSP as it

contains almost 3 times higher P_2O_5 . The policy support is needed for capital recovery, freight cost, attractive contribution margin and support to create market. Agronomic efficiency and economics compared to DAP and SSP needs to be established. Creating demand for a new product will require considerable time.

6.11 **PMKSK**

6.11.1 The fertilizer industry welcomed the initiative taken by the Government of India to establish the Pradhan Mantri Krishi Samriddhi Kendras (PMKSKs) throughout the country so that farmers get the technical knowhow along with quality products under one roof. As per the communication sent to fertilizer manufacturer in different states, the basis of allotment for PMKSK to SSP industry was based on percent market share on volume basis making it too difficult to implement for SSP industry as number being too large.

6.11.2 As the SSP industry, being mostly MSME and small companies, dealing in a low nutrient fertilizer with minimum margins neither have the desired infrastructure nor in a position to absorb such additional high cost required for establishment of PMKSKs. It was requested to DoF, if at all the SSP industry has to participate in this noble initiative, allotment of the PMKSK to the SSP industry should be made either on the basis of percent nutrient share or on the basis of subsidy share. A detailed working on PMKSK for the SSP industry was shared with DoF.

6.12 Phosphogypsum

6.12.1 IFA also has a Phosphogypsum Working Group where the developments and issues related to utilization of PG around the globe are discussed. FAI made contribution to both the reports published by the Group so far. IFA organized the meeting of its Working Group on 16th February 2023 where developments in utilization of the phosphogypsum were shared by IFA members. FAI provided the status and issues in utilization of PG in the Country.

6.12.2 Secretary (Fertilizers) took a meeting and informed that there was huge legacy stock of phosphogypsum (PG) produced by the fertilizer plants and there were issues in transportation due to non-availability of rakes. The fertilizer industry is facing challenges for its disposal as the legacy stocks were piling up and affecting the availability of the space at the plant site. Secretary was of the view to prepare a roadmap for its usage in circular economy. During the meeting, DoF desired that FAI should submit a proposal for promotion of use of PG by the various industries including the freight element and priority category associated with it. FAI suggested

that Railway needs to reduce the freight for PG considering it as fertilizer. The PG used in cement and building materials to be revised to class LR3. This would help to maximise the despatches of PG to end users at competitive price. Although, CPCB has approved the utilization of PG for agriculture, manufacture of cement and building material, however, it should be declared as clean cargo by MoEFCC or hassle free movement instead of low risk category.

6.12.3 The Department of Fertilizers organized a meeting on 2nd December, 2022 of the stakeholders on the Circular Economy on Phosphogypsum (PG). One of the issues highlighted during the meeting was the offtake of PG from the plant due to non-availability of rakes. The Ministry of Railways has been requested to make rake allocation to the fertilizer companies to enable dispatches from the fertilizer plants. The offtake from cement plants even for phosphogypsum with <1.0% P₂O₅ is not happening due to higher freight than for imported gypsum. Subsequently, FAI had given its suggestions for faster evacuation /movement of PG capacity from the Paradeep.

7.0 SSP QUALITY CONTROL MECHANISM

7.1 As per the directives of the Hon'ble Union Minister for Chemicals and Fertilizers & Health and Family Welfare, a Workshop on SSP Industry – The Way Forward was held on January 12, 2023. The workshop was inaugurated by the Hon'ble Union Minister, Dr. Mansukh Mandaviya. Secretary and Additional Secretary, Fertilizers, were the special guest on the occasion. The Hon'ble Minister in his inaugural address advised FAI to form a Task Force (TF) on SSP to ensure that the quality SSP should be supplied by the industry to the farmers. Accordingly, a TF on SSP was constituted under the Chairmanship of CMD, Narmada Bio-chem Limited, on January 20, 2023 with the following three major objectives:

- a) To improve the SSP quality as per FCO specifications
- b) To increase SSP production in the country
- c) To promote SSP usage in the country

7.2 As a result, an SOP was prepared with respect to sampling and analysis of SSP by the TF members to self-regulate the quality of SSP. It was made clear that the quality control mechanism does not have any conflict with existing system under FCO and being operated in self-regulatory environment.

7.3 The TF members in its meeting held on February 7, 2023 decided that there was a need to organize a nationwide campaign to promote SSP usage among the farmers adopting physical approach. The members also decided to support the various SSP initiatives like sampling, testing, promotion of SSP among farmers, etc. All the activities of the TF were brought to the notice of DoF from time to time. Members of the TF and FAI officials have been regularly drawing the samples from the retail points across the country and getting it analysed in a reputed NABL accredited lab. It has been observed that there was an improvement in the overall quality of SSP. FAI requested DoF to write a letter to the Director (Agriculture) of all the states with a request to cooperate with the TF members in quality improvement initiative. Further, it was also requested to DoF to issue an advisory to all SSP manufacturers to sensitize their field staff including the dealers/ retailers to cooperate with the members of the TF/ representatives in drawing of the samples.

7.4 Further to Workshop on SSP Industry – The Way Forward, FAI listed out the issues raised by the industry for DoF consideration. It was highlighted that there is a need to render the continuous support under NBS regime to facilitate long-term investment, separate subsidy budget for SSP industry, priority supply of rock phosphate from RSMML & acid from smelters, sampling of RSMML rock at mines, testing of BRP at source, nodal agency to purchase the rock for the industry, introduction of mini rake of 1300 MT, filler to be allowed to manufacture GSSP, combination of Urea + SSP needs to be included under NBS, promotion through GoI Schemes viz. NFSM, RKVY, Integrated Scheme of Oilseeds, Pulses and Palm Oil, e-Commerce, Irrigation, etc. It was also requested that the policy of SSP to be de-linked from the policy of quality control. Further, vide letter dated March 10, 2023, FAI again elaborated the above points for the consideration of DoF. In the letter, it was also mentioned that DoF support is required like PLI, infrastructure development, income tax rebate, credit at subsidised interest rate and dispute free land at reasonable cost to facilitate long-term investment in the sector.

7.5 FAI again suggested to DoF that sampling should be done at the RSMML mines itself instead of at the production units as indigenous rock quantity received in small lots through trucks only. It is practically not possible to do the sampling & analysis from each truck reaching to the SSP plant. DoF acceded to FAI request and vide their communication dated May 4, 2023, it was made clear that certification of rock will be done at RSMML mines itself.

7.6 The NBS rates notified on April 27, 2022 wherein the rates of other P&K fertilizers increased



substantially but the subsidy on SSP was not increased and remained at the old level i.e. Rs.7,513/-MT. This put the SSP industry at disadvantage position as compared to other phosphatic fertilizers as the MRP of SSP became un-attractive and the sale of SSP dropped. Further, the rock phosphate prices in the international market were showing an upward trend and leading to increase in the cost of production of SSP, which would again make the SSP uncompetitive as compared to other P & K fertilizers. FAI requested DoF that in order to make possible the vision of the Hon'ble Minister to increase SSP production to 100 lakh tonne, SSP industry be given a level playing field with other phosphatic fertilizers. It was requested to consider the SSP in line with other phosphatic fertilizer while announcing new NBS rate from 1st April 2023. In the recent NBS policy announcement, the anomaly was rectified and NBS rates were made at par with other P&K fertilizers.

7.7 A meeting of SSP Task Force was held on March 24, 2023 and it was decided that a SPV to be formed under the leadership of Chairman of TF with the responsibility to take the initiative of importing rock phosphate on behalf of the SSP industry. The move was to ensure the uninterrupted supply of rock phosphate at competitive price to the manufacturers.

8.0 FAI COURT CASES

8.1 India produces about 80 percent of its Urea fertilizer needs. And the fertilizer industry has the capacity to indigenously meet 50 percent of the country's phosphatic fertilizers. The farmer, who pays MRPs less than the market-determined rates, is the true recipient of the subsidy, even though fertilizer businesses receive it. The Government provides subsidy to enable farmers purchase the fertilisers at a low price. Hence, production, distribution sale and quality of fertilisers are modulated by the government. FAI finds solution to the problems faced by the Fertiliser industries in India. However, when all administrative remedies are drained, the industry is compelled to take access to the court. There are four court cases going on in Delhi High Court for seeking relief on behalf of the industry. Following are the developments in the foregoing cases :

8.2 Writ Petition in the Matter of Fertilizer Bonds (WPC - 1861//2013)

8.2.1 Fertilizer companies suffered huge losses in sale of bonds issued to them in lieu of payment of subsidy in cash in 2007-08 and 2008-09. Government compensated only 50% of the losses. Repeated appeals with concerned departments for years did not yield any result for compensation of the balance 50% loss. Hence, the industry was forced to approach Hon'ble Delhi High Court for reimbursement of the balance loss and buy-back of remaining bonds to avoid further loss to the companies.

8.2.2 After written pleadings in the matter, FAI counsel pleaded that government decision to compensate 50% loss was interim and petitioners did not agree for compensation of only 50% losses. Further, government's final decision, if any, to this effect had not been communicated to the petitioners. Subsequently, DoF communicated on 12th April, 2019 its decision that the remaining 50% of total loss on account of buy back of bonds shall be borne by fertilizer companies. DoF also stated that no further intervention is necessary in respect of losses incurred on account of sale or buy back of fertilizer bonds as well as in respect of unsold bonds with fertilizer companies. Hence, FAI filed an Application in the Hon'ble Court on 3rd May, 2019 seeking ad-interim stay on DoF's above decision. FAI has also pleaded for adjudicating the Writ Petition on its merit and quash DoF communication dated 12th April, 2019. DoF has filed reply to this on 7th November, 2019 with application for condonation of delay.

8.2.3 During the hearing on 1st August, 2022, Standing Counsel of the respondent (DoF) stated that the present Writ Petition is not maintainable in light of DoF communication dated 12th April, 2019, wherein it has been communicated that the Government has finally decided that it will not bear the remaining 50% of the loss suffered by Fertilizer Companies in context of bonds. Counsel appearing for FAI, strongly countered the said argument and stated that DoF communication (i.e. the letter dated 12th April, 2019) is an afterthought, since the decision to bear only 50% of the losses suffered by Fertiliser Companies in buyback of bonds was only an interim arrangement. Moreover, the Government's decision to bear only 50% of the losses in buy back of bonds, has been challenged by the petitioners, way back in the year 2013, by way of the present Petition.

8.2.4 The Hon'ble court was of the opinion that since the Petitioners' loss is an admitted amount to the extent of Rs. 1557.86 crores, as calculated by RBI, there cannot be any question of any disputed facts in the present matter. After that on 5th December, 2022, the Hon'ble court has asked both parties to file brief written synopsis. FAI submitted its synopsis on 15th May, 2023, to which the respondent's counsel sought some time to respond. The matter has now been adjourned to 8th September, 2023.

8.3 Writ Petition on Interest on Delayed Payment of Subsidy and Freight Bills (WPC-1800/2015)

Government introduced a new pricing scheme 8.3.1 for urea manufacturing units w.e.f. 01.10.2008 called NPS-III with a notification fixing rate of interest and penal interest for recoveries from fertilizer companies. While the Government has failed to pay any interest on delayed payments of subsidy but at the same time it charges interest at the rate of 14.75% with additional penal rate of interest at the rate of 3% for delay in case if any recovery is to be made from fertilizer companies. Unpaid subsidy dues of Rs. 22,000 Crores was carried forward from 2011-12 to next year. FAI on behalf of industry filed a Writ petition in Hon'ble Delhi High Court in 2013 for interest on delayed payment of subsidy and freight bills. The Hon'ble Delhi High Court directed DOF to decide the matter in terms of DOF's Office Memorandum dated 14th February, 2011. However, DOF vide its Communication No.21011/4/2013-MPR dated 6th January 2015 rejected FAI representation in this context. Hence, a second Writ Petition was filed in 2015.

8.3.2 Written pleadings in the case have been completed. FAI submitted data on outstanding dues as on 31st March of every year from 2013-14 to 2017-18 as per court's instruction on 25th April, 2018. However, DoF submitted affidavit on 30th October, 2019 providing status of outstanding subsidy as on 21st August, 2019 and stated that no dues were pending. DoF's plea has been strongly objected to by FAI counsel submitting that DoF has tried to mislead the Hon'ble Court. Fresh data comprising age-wise, year-wise, company-wise information on outstanding subsidy was collected from companies and submitted to the Hon'ble Court on 24th February, 2020.

8.3.3 The counsel for FAI has filed an application on 04.05.2023 seeking directions from the Hon'ble Court to the Respondents 'in-principle' be directed to pay interest to the petitioners herein on the delayed payments made by them towards subsidy on 'Urea' and 'P&K Fertilizers'. The Hon'ble Court was pleased to issue notice on 15.05.2023 on the same. The counsel for the respondent sought time to file reply to the Application. The matter has now been adjourned to 30th October, 2023.

8.4 Writ Petition Relating to Reimbursement of Additional Cost due to Non-Recognized Input Taxation (ACTN) (W.P.(C) 1822/2016)

8.4.1 Government of Gujarat and Uttar Pradesh levied additional VAT on feedstock for urea. These taxes being statutory levies, fertilizer companies had no option to avoid them. But, these state levies were not reimbursed under urea policy of the Central government. FAI represented and kept pursuing for reimbursement of these taxes. Finally, Central government allowed recovery of these taxes by way of increased MRP from the consumers of urea from respective states w.e.f. 1st April, 2011. But, recovery of these taxes prior to April 2011 remained unresolved in spite of repeated appeals by the industry and FAI. Finally, the industry filed a Writ Petition in 2016 in the Hon'ble Delhi High Court for recovery of these statutory levies for the period prior to April, 2011, which is continuing.

8.4.2 FAI counsel argued that decision of the respondent not to reimburse additional taxes is per se, discriminatory, as similar tax (purchase tax) levied on natural gas has been reimbursed to one of the fertilizer companies. FAI also submitted that respondent had not replied to this aspect in its reply which was one of the arguments submitted by the petitioners. The arguments were partly heard on 2nd August, 2019 and both parties were asked to file written synopsis of arguments. After that no substantial progress has been made except adjournments on various grounds. The matter has now been adjourned to 24th November, 2023.

8.5 Case Relating to Marketing Margin (WPC - 6068 of 2019)

8.5.1 The Hon'ble Delhi High Court vide its order dated 12th November, 2014, in FAI's petition WPC-3050 of 2012, directed DoF to pay marketing margin of Rs. 200 per MSCM as thought reasonable by the PNGRB on interim basis. On subsequent follow up and contempt petition by FAI, the Ministry of Petroleum and Natural Gas (MoPNG) notified marketing margin w.e.f. 18th November, 2015 vide notification dated 24th November, 2015 for supply of gas from all domestic sources. The DoF started paying the marketing margin from notified date. FAI then filed an application in Hon'ble High Court that the marketing margin should be paid from the date of supply of gas from KG-D6. This was not accepted by the DoF. It took the plea that court order did not mention the date hence it was not liable to pay for the past period. Hon'ble Delhi High Court disposed-off the FAI application with a freedom to file fresh petition seeking date from which marketing margin to be paid.

8.5.2 Accordingly, FAI filed a fresh petition No. W.P (C) No. 6068 of 2019 for reimbursement of marketing margin paid on gas from KG-D6 for period prior to 18.11.2015 which is pending in Delhi High Court. Department of Fertilizers filed a counter affidavit. FAI has filed a rejoinder to the counter affidavit of the



DoF. The MoPNG which is also a respondent in the FAI petition filed its counter affidavit on 21st September, 2019. The same was taken on record in hearing on 23rd September, 2019. Subsequently, FAI filed a rejoinder to the counter affidavit of MoPNG. In hearing on 2nd December, 2022, ASG submitted that the matter has not been examined by the cabinet till date. Accordingly, Hon'ble Court directed petitioners to file fresh representation with Secretary, Department of Fertilizers within two weeks. Secretary (Fertilizers) will coordinate with Secretary, Ministry of Petroleum and Natural Gas and place the necessary papers before the cabinet. In compliance of the order of Hon'ble Delhi High court dated 2nd December, 2022, FAI submitted its representation to the Cabinet Secretary, Secretary, Department of Fertilizers, Ministry of Chemicals and Fertilizers and Secretary, Ministry of Petroleum and Natural Gas on 14th Decemmber, 2022. Cabinet Secretariat forwarded the representation to Secretary, Department of Fertilizers.

8.5.3 FAI was called to make its oral submissions by the Secretary (Fertilizers) on 30th January, 2023. DG and ADG, FAI along with the advocate Ms. Nidhi Mohan Parashar explained the facts of the case. Secretary (Fertilizers) gave very patient hearing. FAI provided all the clarifications including all the developments since the supply of gas from KG-D6 started in May 2009, to the fertilizer plants. Secretary (Fertilizers) and other officials recognized that marketing margin is part of delivered cost of gas as is the case for gas from other sources. Hence, it is also part of cost of production of urea. Reimbursement of this cost was required.

8.5.4 Secretary (Fertilizers) proposed that government will consider paying the marketing margin right from beginning (May 2009) till 17th November, 2015 @ 200 per thousand cubic meter (TCM) without any interest. He asked FAI whether such a proposal will be acceptable to FAI and its members. FAI requested for a day's time to consult its members.

8.5.5 In consultation with concerned members, FAI conveyed acceptance of the proposal of DoF vide its letter dated 31st January, 2023 to the Secretary (Fertilizers). FAI apprised the court of the developments through an application in hearing on 22nd March, 2023. Court took on record the additional facts and to await the cabinet decision. The matter is now listed on 26th July, 2023.

8.6 Writ Petition of Independent Gas Based Power Producers Association in A.P. High Court S.L.P. (C) 19991 of 2015

8.6.1 Independent Gas Based Power Producers' Association of Andhra Pradesh had filed a SLP in

Supreme Court Challenging the Judgement of High Court of Andhra Pradesh. The Association had challenged the policy of allocation of domestic gas by the Union of India. FAI was one of the respondent in the High Court and also remains a respondent in Supreme Court along with the Union of India and others. FAI continues to defend in Supreme Court priority of fertilizer sector in allocation of domestic gas. SLP of Power Producers Association has been combined with SLP of Federation of Farmers Association and others in the same matter. The matter was heard on 10th January, 2017. GoI has been directed to file the affidavit on power and gas availability within two weeks and directed the Appellant to file rejoinder a week thereafter. The matter was listed and heard on 10th July, 2017. The matter was again heard on 6th September, 2017. Hon'ble Court passed an order that in view of further developments, Union of India may file an affidavit in two weeks and the petitioners may file response in two weeks thereafter. The matter was heard on 24th April, 2018 and relisted for 2nd May, 2018. The matter was not heard and court directed it to be listed in 3rd week of July. FAI's advocate always attended the court on the listed dated as one of the respondents.

8.6.2 The case was again listed on 26.03.2019 where respondent was granted four weeks' time for filing affidavit supported with document. On the next dates i.e. 22.8.2019, 19.11.2019, 26.11.2019 and 07.02.2023, matter could not be heard as some petitioners were unrepresented.

8.6.3 In the last hearing on 18th May 2023, some members of the first –petitioner Association (Independent Gas Based Power Producers Association) want to apply for their impleadment. Court ordered that if such application is filed, registry was directed to list next hearing on 4th August, 2023 before the appropriate bench.

9.0 ISSUES RELATED TO ENERGY CONSERVATION

9.1 The Energy Conservation (Amendment) Bill, 2022

9.1.1 The Ministry of Power notified the Energy Conservation (Amendment), Act 2022 on 19th December, 2022. The Act has enabling features for carbon trading and prescribing obligations for use of non-fossil fuel sources of energy or feedstock for the industry. The non-fossil sources will include green hydrogen, green ammonia, biomass, and ethanol for energy and feedstock. It is expected that fertilizer companies will also be given obligations to gradually replace grey ammonia with green ammonia under the amended EC Act.

9.2 National Green Hydrogen Mission

9.2.1 The Ministry of Power vide communication No. 23/02/2022-R&R dated 17th February, 2022 notified the Green Hydrogen Policy. The policy provides for measures/incentives for green power products to facilitate production of green hydrogen/green ammonia in the country. Further, The Ministry of Power has issued the National Green Hydrogen Mission in January 2023.

The objective of the Mission is to make India the Global Hub for production, usage and export of green hydrogen and its derivatives. As a part of the Mission, Ministry of New and Renewable Energy (MNRE) will formulate the bidding guidelines for procurement of green hydrogen based fertilizers in consultation with the Department of Fertilizers. In order to create bulk demand and scale up production of green hydrogen, the Government of India will specify a minimum share of consumption of green hydrogen or its derivative products such as green ammonia, green methanol, etc. by designated consumers as energy or feedstock. The mission document also mentioned that by 2034-35, it is targeted to substitute all ammonia-based fertilizer imports with domestic green ammonia-based fertilizers.

Prospects under shipping and port operation include development of green hydrogen/ammonia refueling hubs at Indian ports and development and operation of green hydrogen/ammonia fuelled vessels. Green ammonia bunkers and refueling facilities will be set up at least at one port by 2025. Such facilities will be established at all major ports by 2035. The initial outlay for the Mission is Rs.19,744 crore.

In March 2023, the MNRE issued two drafts concept notes under Strategic Interventions for Green Hydrogen Transition (SIGHT) programme. The first concept note was on incentive programme for electrolyser manufacturing with proposed outlay of Rs. 4,400 crore and second concept note was on incentive programme for green hydrogen production with proposed outlay of Rs. 13,050 crore. Under the green hydrogen production, incentives were provided for the three years. Maximum incentive was Rs. 50 per kg green hydrogen for the first year with gradual tapering to Rs. 30 per kg green hydrogen. The methodology of selection will be competitive bidding. FAI suggested that the incentive offered is not sufficient to make green hydrogen/ammonia viable in next 2-3 years and any incentive should continue for at least 10 years to attract investment in such projects.

9.2.2 The Ministry of Power and MNRE organized a

Post Budget Webinar on "Green Growth" on 23rd February, 2023 which was addressed by Hon'ble Prime Minister of India. FAI participated in the parallel meetings of three sub-groups *viz*. Green Growth, Agricultural Development and Coastal Shipping and Waterways.

The Group on Green Growth covered energy storage, green hydrogen mission, inter-state transmission system for RE evacuation and capital investment towards energy transition. FAI presented that the fertilizer sector is using about 3.0 million MT ammonia for production of non-urea fertilizers which can be replaced with green ammonia. Fertilizer sector is working under a controlled environment. Therefore, there should be viability gap funding for differential cost of green and grey ammonia. Location of the hydrogen hub to produce green ammonia should be near to the consumption centers such as Paradeep, Kandla and Vizag, etc. There should be transportation corridor for green ammonia to minimize the logistic cost. The contracts for purchase of green ammonia must have the shorter term and price linked to grey ammonia.

The Group on Agriculture Development covered two budget items *i.e.* PM Programme for Restoration, Awareness, Nourishment and Amelioration of Mother Earth (PM PRANAM) and Bhartiya Prakritik Kheti Bio-Input Resource Centers.

9.3 Draft Model Bidding Guidelines for Procurement of Green Hydrogen and Green Ammonia

FAI received a 'Draft Model Bidding Guidelines for Procurement of Green Hydrogen and Green Ammonia' from the MNRE. These were circulated by FAI to its members on 17th August, 2022 for comments. Subsequently, the Department of Fertilizers held a meeting with P&K fertilizer manufacturers on 23rd August 2022 to discuss these Draft Guidelines. A representative of MNRE was also present in the meeting. FAI and members pointed out that there were several clauses in the guidelines which are one sided. It was also not clear that what will be the quoted price over 15 years' duration of the contract. Fertilizer companies would prefer short-term contract. The Department of Fertilizers requested the FAI to provide consolidated comments based on the requirement of the procurer. Based on the discussion in the meeting and feedback of the members, FAI prepared general and clause-wise comments and communicated to the Department on 30th August, 2022. A meeting to discuss draft document was held with SECI on 22nd February, 2023 and 22nd March, 2023. It was emphasized that the industry cannot sign long-term contracts due to uncertainty in continuous operation of phosphatic fertilizer plants.



9.4 Indian Carbon Market

The Bureau of Energy Efficiency (BEE) circulated a Consultation Document on Indian Carbon Market (ICM) for comments. Under the ICM, the Government aims to develop a competitive carbon market mechanism/carbon financing platform to drive GHG emissions reduction across various sectors, encourage sectors to innovate to reduce GHG emissions, increase the demand in Perform Achieve and Trade (PAT) and RECs markets and respond to emerging policies such as Carbon Border Adjustment Mechanism (CBAM). All the six GHGs covered by the UNFCCC shall be included in the ICM *i.e.* carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulphur hexafluoride. All the eligible activities and sector overall emissions can be converted to carbon dioxide equivalent using respective global warming potential notified by the UNFCCC. One tonne of CO₂ equivalent (tCO₂e) will be called carbon credit certificate. Central Electricity Regulatory Authority will be the regulator of ICM.

Two mechanisms have been proposed *i.e.* carbon trading mechanism for obliged sectors and a project based offset scheme for non-obliged and non-energy sector. The ICM will be implemented in two phases. The phase I of the ICM will work on non-obliged sectors as offset market. Obliged sectors are the sectors that are notified by the Ministry of Power under the PAT scheme. These sectors would be obliged to reduce the GHGs intensity in the phase II of the ICM. During Phase I i.e. 2023-2025, the transition of PAT scheme to ICM will take place. Phase II will start from 2026 onwards. The proposed approach under ICM for obliged sector will be changed from three years to annual compliance. The targets under Phase II will be given in tCO₂e instead of energy saving certificates under PAT scheme. For the fertilizer sector, the draft document proposed a reduction of 0.91 million tCO₂e by 2030-31 from 2019-20 levels. FAI in its comments expressed that the timeframe for compliance under carbon trading should remain 3 years as for PAT scheme.

9.5 Think Tank for Innovation in Fertilizer Sector

The Department of Fertilizers constituted a Think Tank for **Innovation in Fertilizer Sector**. The Think Tank constituted members from DoF, MOAFW, Fertilizer Industry, FAI and traders. The first meeting of the think tank held on 30th March, 2022 was chaired by the Secretary (Fertilizers). FAI provided its inputs during the meeting. FAI followed it up by providing notes to the Department on potential indigenous sources for recovery of potash and ways to improve utilization of phosphogypsum in the country. As a follow-up to our earlier representation, FAI wrote a letter to the DoF dated 23rd May, 2022 to help industry in gainful utilization of the phosphogypsum. It was requested to take up the matter with the Ministry of Railways and the Ministry of Port, Shipping and Waterways to help reduce the cost of logistics.

10.0 ISSUES RELATED TO SUPPLY OF NATURAL GAS

10.1 Review of New Domestic Gas Pricing Guidelines 2014

10.1.1 The Ministry of Petroleum and Natural Gas (MOPNG) vide notification No. L-12015/1/2022-GP-II (E-44157) dated 7th April, 2023 notified changes to the New Domestic Gas Pricing Guidelines, 2014. The APM prices for domestic gas will be 10% of the Indian crude oil basket price and would be declared on monthly basis. For the gas produced by ONGC & Oil India Limited (OIL) from their nomination fields, the APM price shall be subject to a floor and a ceiling. The initial floor and ceiling prices shall be \$4/MMBTU and \$6.5/ MMBTU, respectively. The ceiling would be maintained for the next two years (FY 2023-24 and 2024-25) and then increased by \$0.25/MMBTU each year. Gas produced from new well or well intervention in the nomination fields of ONGC & OIL, where APM prices are subject to floor and ceiling would be allowed a premium of 20% on these APM prices. This gas would also be subject to Government's policy related to commercial utilization of natural gas. There are clauses related to determination of APM prices for relevant month, product sharing contract, take or pay obligations, etc.

10.2 Natural Gas Consumption

10.2.1 In 2022-23, about 19.0 BCM gas was consumed by the urea sector. Of this, about 2.70 BCM was the share of domestic gas. Two plants based on natural gas were commissioned during 2022. Almost entire production of urea has been converted to natural gas feedstock barring one plant which is partially using naphtha. A few other plants are using coal for steam and power generation.

10.3 Synthetic Natural Gas from Coal Gasification

10.3.1 A meeting on the utilization of synthetic natural gas (SNG) from coal gasification was held on 17th January, 2023 which was Co-chaired by the Secretary (Fertilizers) and the Secretary (Coal). The meeting was attended by representatives from the Ministry of Coal, Coal India Limited, FAI, NFL and IFFCO. FAI made a presentation and highlighted that the composition of SNG should be similar to the natural gas and its viability will depend on price of SNG *vis-a-vis* prevailing prices of long-term RLNG.

Terms and conditions of present gas supply agreements and urea policy in future will also be factors for using coal based SNG. Coal India Limited also made a presentation. It was clarified that the SNG would be similar to natural gas and would be supplied as co-mingled gas through national gas grid. It was mentioned that SNG of about 2 MMSCMD would be available from their Coal to SNG project at Ranigunj from 2027-28. The price will be linked to the coal index and will be in Indian Rupees. The Coal India Limited will carry out the detailed PFR. FAI suggested that the price of SNG should match with long-term RLNG on delivered basis at any given time. Secretary (Coal) informed that the Ministry of Coal is coming out with suitable policy measures including viability gap funding to improve economic viability of coal to chemical projects. Secretary (Fertilizers) concluded that the currently all long-term contracts are booked till 2027 and availability of SNG is well timed. He underlined that fertilizers are provided to the farmers at heavily subsidized prices. Therefore, SNG can be utilized in the fertilizer sector provided its pricing remains competitive with delivered cost of long-term RLNG so that there is no additional burden on the exchequer.

10.4 Unified Tariff for Natural Gas Pipelines

10.4.1 Petroleum and Natural Gas Regulatory Board (PNGRB) issued the Unified Tariff order dated 29th March, 2023 for the National Gas Grid System. The National Gas Grid System means network of all such natural gas pipelines within India which are fully interconnected with each other (including those which are partly commissioned and so interconnected) as per the regulations. Under the Unified Tariff order, 3 Zones have been defined. First tariff zone for unified tariff of a length of 300 km from the unified entry point on either side of the national gas grid system; second tariff zone for unified tariff of a length of more than 300 km and upto 1200 km on either side of the first tariff zone of national gas grid system; and third tariff zone for unified tariff being the remaining length of the national gas grid system on either side of second tariff zone for unified tariff.

10.4.2 The Unified Tariff w.e.f. 1st April, 2023 for Zone 1, Zone 2 and Zone 3 in Rs./MMBTU are 39.45, 74.97, and 99.90, respectively. This would have substantial impact on most urea plants.

11.0 ISSUE RELATED TO STANDARDIZATION

11.1 Standards National Action Plan

11.1.1 The BIS invited suggestions on Draft Standard National Action Plan (SNAP) for the period of 2022-27. The objectives of SNAP were to identify new

priority areas for standardization and strategic way forward in advancing goals of national standardization. The focus of standardization was to address the sustainability issues viz. environmental, social and economic issues in standards. BIS circulated a concept note on Sustainability Framework for Standards, which was circulated to the members of various Committees of the BIS for comments. BIS also organized a meeting with various Associations on 22nd August 2022. In the meeting, FAI pointed out fertilizers are covered under Essential Commodities Act (ECA). Quality standards for fertilizers are governed by Fertiliser (Control) Order issued under ECA. However, there is scope to develop standards for new products like bio-stimulants, growth promoters, etc. BIS was also requested to organize sectoral meetings to provide effective inputs to the standardization process. The BIS has finalized the SNAP and uploaded on its website.

11.2 Making BIS QCO Certificate Mandatory for Chemicals

11.2.1 The Central Government, after consulting BIS, publishes Quality Control Orders (QCO) thereby bringing the products under mandatory certification. After the commencement of the QCO, no person is allowed to manufacture, import, distribute, sell, hire, lease, store or exhibit for sale any product (s) covered under the QCO without a standard mark except under a valid license or certificate of compliance (CoC) from BIS. The manufacturer in foreign country will be required to obtain a License or CoC from BIS under the Foreign Manufacturer Certification Scheme (FCMS) of BIS.

11.2.2 The Department of Chemicals and Petrochemicals (DCPC), Ministry of Chemicals and Fertilizers, organized a meeting of stakeholder on 23rd December, 2022 to discuss inclusion of 58 chemicals as mandatory QCO. The list included anhydrous ammonia and technical grade urea. In the BIS standards, there are two grades of anhydrous ammonia. The grade 1 is for refrigeration and other use where purity of ammonia is needed and grade 2 for other industrial purpose and miscellaneous use. FAI requested to treat both the grades separately and not to insist QCO mandatory for grade 2 anhydrous ammonia. However, a member company supported making the QCO mandatory for anhydrous ammonia and technical grade urea. During meeting, BIS mentioned that under QCO both grades cannot be treated separately. Hence, the DCPC had decided to make standard for anhydrous ammonia under mandatory category and mentioned that it would start the process in due time.


11.2.3 Subsequently, DCPC sent a list of 110 chemicals for making BIS QCO mandatory. The list of 110 substances contains four chemicals concerning fertilizer industry viz. ammonia, anhydrous ammonia, phosphoric acid and sulphuric acid which are used as raw materials/intermediates for the production of fertilizers. FAI requested the members to provide their comments. We received a few comments and mostly were in favour of not making QCO mandatory for these chemicals. Accordingly, FAI vide its letter dated 30th December, 2022 to DCPC, conveyed that merchant grade sulphuric acid, phosphoric acid and ammonia are used as inputs for producing fertilizers and the present specifications of these chemicals are sufficient. However, fertilizer specifications have to be complied with the Fertiliser (Control) Order 1985 and currently there has been no difficulty in manufacturing the fertilizers to meet quality standard of FCO. Hence, these chemicals may not be included in the list of mandatory QCO.

12.0 ENVIRONMENT AND SAFETY RELATED ISSUES

12.1 Plastic Waste Management Rules 2016

12.1.1 The Ministry of Environment, Forests and Climate Change (MOEFCC) notified the Guidelines on Implementation of Extended Producer Responsibility on 16th February, 2022. Most of the fertilizer companies have registered as brand owner in the online portal. There have been some challenges while shifting from offline to online mode as well as getting accustomed to new requirements in online portals like online updating of all GST invoices of purchase of packing bags. Further, there are difficulties faced by members in compliance due to pending registration plastic bag manufactures, waste management agencies and recyclers. The matter was discussed at length in the FAI Environment Advisory Committee on 22nd February, 2023. A senior official of CPCB was also present. He advised FAI to send a representation to the CPCB for clarification. Accordingly, a draft representation was circulated to the members and after incorporating their comments, it was sent to the CPCB on 6th March, 2023.

12.2 Standard Operating Procedure for Utilization of ETP Sludge of Fertilizer Industry in Manufacturing of Complex Fertilizers

12.2.1 The Central Pollution Control Board (CPCB) issued a Standard Operating Procedure (SOP) for Utilization of ETP Sludge of Fertilizer Industry in Manufacturing of Di-Ammonium Phosphate/NPK Fertilizers in December 2021. The SOP stipulates various conditions for utilization including labelling

requirement, monitoring of certain parameters in emissions and heavy metals in the product. Based on the comments received from members, FAI represented to the CPCB and further discussed with CPCB officials in a meeting arranged by FAI on 11th May, 2022. While providing clarification in some issues, CPCB referred the labeling of the bags, monitoring with respect to parameters in stack and fugitive emissions to Technical Expert Committee.

12.2.2 Subsequently, the CPCB invited FAI to present its case in the meeting of Technical Expert Committee held on 21st June, 2022. Representatives from FAI, IFFCO and Indorama India Private Limited were present during the meeting. FAI and other members argued that the ETP Sludge used is only 0.2% of the total product and does not have any impact on the characteristic of the product. However, the Committee insisted that labeling of the product has to be included as it was felt that a consumer has right to know if the product is manufactured using a hazardous waste. This has been practice for other hazardous wastes that are utilized in the product. On the issue of monitoring of stack emissions, Committee agreed on monitoring of only the relevant parameters. However, for fugitive emissions, it was concluded that more data should be generated before taking any decision. The heavy metal analysis is not required by standards but it should be carried out for the product on quarterly basis. The CPCB has issued the revised Guidelines in July 2022.

12.3 Special Issue of Indian Journal of Fertilisers

The June 2022 issue of Indian Journal of Fertilisers was devoted to the theme of Learning from Operation and Maintenance Problems. The issue consisted of seven papers which included experiences of fertilizer plants in improving reliability of plant and critical equipment.

13.0 OTHER ISSUES

13.1 National Fertilizer University

13.1.1 The Department of Fertilizers has constituted a Committee to develop a roadmap to establish National Fertilizer University (NFU). The Committee consisted of ADG, FAI and members from IFFCO, IPL, RCF, NFL, ICAR and CIPET. The first meeting of the Committee was held on 15th June, 2022 virtually. During the first meeting, the members discussed the objective of the establishment of National Fertilizer University, course structure, infrastructure required, etc. FAI provided with the broad structure of the report and was requested to provide information of estimate of capital investment required in infrastructure. Members were also requested to give suggestions regarding courses to be run by the University. Subsequently, the Committee was expanded to include representatives of some Universities. The second meeting of the committee was held on 13th July, 2022. Committee members suggested that the courses should include undergraduate, post graduate and Ph.D. programmes and should be able to attract students from friendly nations. FAI submitted the draft report to the DoF on 15th July, 2022. The draft report highlighted that the NFU should have focus both on human resource development for the fertilizer sector and research in frontier areas for new nutrient products, production technologies, fertilizer application technologies and nutrient use efficiency. Two models for education were suggested. Under Model 1, the University will have one or two under-graduate courses and a number of post-graduate and diploma/degree courses and continuative education programmes. There will be limited research facilities and limited residential facilities for students. In Model 2, University will have several under-graduate programmes in different branches of engineering, agriculture sciences and biotechnology. There will be 10-12 post-graduate programmes in areas of engineering, bio-technology, safety and environment, soil science, business management, data analytics, etc. This is in addition to large number of certificate courses for executives of the industry. Methodology of education/training, location, finances, organization structure, composition of management committee was also covered in the Draft Report.

14.0 DEVELOPMENTS RLEATED TO FERTILISER CONTROL ORDER

Four meetings of the Central Fertilizer Committee (CFC) were held during 2022-23 under the Chairmanship of Agriculture Commissioner, Ministry of Agriculture and Farmers Welfare (MOA&FW). FAI participated in all the meetings and provided inputs on the agenda items which came up for discussion during the meetings held on 18th April, 4th November, 27th December, 2022 and 21st March, 2023. Some of the important items discussed in CFC meetings included specifications of new grades and change in specifications of existing fertilizers in FCO, renewal of customized fertilizer grades, method(s) of analysis of fertilizers and amendments in particle size, etc.

14.1 Outcomes of Meetings of Central Fertilizer Committee

14.1.1 Inclusion of new Grades in FCO, 1985

As per the recommendations of CFC, following fertilizer grades were notified in the Gazette of India,

Government of India, Ministry of Agriculture and Farmers Welfare in 2022-23:

- Potassium Metaphosphate Dimmer (0-40-40)
- Fortified NP (7-21-0) Liquid
- Fortified Calcium Suspension (21% Ca, 0.1% B, 1.5% Zn)
- APS (16-20-0) Fortified with Magnesium (0.6% Mg)
- NPK Complex 11-30-14 Fortified with Mg, S, Zn, and B (0.4% Mg, 1.2% S, 1.0% Zn, 0.2-0.3% B)
- Manganese Carbonate Suspension Concentrate (26% Mn)
- SSP Fortified with Mg, Zn and B (Granular) (16% available P₂O₅, 0.5% Mg, 0.5% Zn, 0.2% B).
- Ortho Silisic Acid (Liquid) (19%) as 18% minimum Si(OH)₂ and 3% water soluble k₂O
- ◆ NPK 14-7-14
- Potash Fortified with Silicon(18% water soluble K₂O and 12% Si(OH)₂
- Urea-Single Super Phosphate Complex Fertilizer (5% N, 15% available P₂O₅, 10% sulphate S)
- Calcium Thiosulphate (6% Ca, 10% S)
- Potassium Thiosulphate (25% water soluble K₂O, 17% sulphate S)

14.1.2 Inclusion of Nano DAP in FCO, 1985

Under Schedule VII, general specifications of nano fertilizer Vide S.O. 1024(E) dated 02.03.2023 were notified as per the recommendation of CFC. Further, Ministry of Agriculture and Farmers Welfare vide Order dated 2^{nd} March, 2023 and S.O. 1025(E) notified the specifications of 7-9% total N and 15-17% total P_2O_5 to be manufactured by IFFCO for a period of 3 years and 1-2% total N and 3-5% total P_2O_5 to be manufactured by Coromandel International Limited for a period of 3 years.

14.2 Proposal for Manufacturing of Nano Urea

A proposal of M/s Ray Nano Science & Research Centre, Gujarat to manufacture nano urea (4.04% N) was also accepted by CFC and recommended for notification of the same with particular specification for a period of three years.

14.3 Amendment in the Specifications of Dehydrate Poly Halite

In view of the variations in the natural occurring mined products and non- involvement of any chemical process, as submitted by a company, CFC



recommended for the amendments in specifications of dehydrate poly halite salt and the same was notified vide S.O. 4477 dated 22th September, 2022. The proposed specification is 12.5% water soluble K₂O, 15.0% water soluble CaO, 5% Mg, 17.5% sulphate - S.

14.4 Amendment in the specification of Orthosilisic Acid

In view of the product to be used for foliar application, CFC recommended to delete the pH parameter as outlined in FCO from 1 to 14 (pH of 1% solution). Vide S.O. 4477 dated 22th September, 2022, it was omitted from the specifications.

14.5 Renewal of Customized Fertilizer Grades

Twenty two grades of customized fertilizers were notified by the Government of India, Ministry of Agriculture and Farmers Welfare vide S.O. 4475(E) dated 22th September, 2022 for sugarcane, potato, wheat, oil palm, maize, rice crops for certain districts of Uttar Pradesh, Uttarakhand, Andhra Pradesh, Telangana, Tamilnadu and Maharashtra states.

14.6 Inclusion of Micro Nutrient Mixture of Fertilizers in Schedule I of FCO

A proposal was submitted by Micronutrient Association for inclusion of words micro nutrient mixture of fertilizers in S. No.1(g) of Schedule I of FCO, 1985. According to the Association that in FCO, 1985, in 1(g) only the micronutrient fertilizer are indicated whereas the micro nutrient mixtures are not indicated in the said schedule. In order to remove any ambiguity, CFC recommended that a separate definition on micronutrient mixture may be inserted as "the mixtures of micronutrients are those which are made by mixing of micronutrient notified in Schedule 1(g) of FCO". CFC also directed that in Schedule 1, in S.No. 1(g), a note may be inserted that "Micronutrient Mixture grades are made by physically mixing of above specified grades". Both these amendments have been notified by S.O. 4477 dated 22th September, 2022 and included in FCO, 1985.

14.7 Inclusion of Method of Analysis

CFQC&TI submitted the standardised method of analysis of calcium in Phosphogypsum, CFC after deliberations, recommended for inclusion of the above proposed method of analysis in FCO, 1985.

14.8 Inclusion of Method of Analysis of Bone Meal (raw and steamed) and Potash Derived from Rhodophytes

National Centre for Organic Farming has submitted the detailed method of analysis of potash derived from Rhodophytes and Bone Meal Raw and Steamed. CFC after deliberations recommended for inclusion of the said method in FCO, 1985.

14.9 Specifications for Various Fertilizers

A sub technical committee was formed during the 66th CFC meeting and the specifications, for the following, proposed by the committee were accepted by the CFC:

- ◆ PROM
- Tolerance Limit of Organic Fertilizers
- Disposal of Non- Standard Biofertilizers and Organic fertilizers
- Methods of analysis for estimation of potassium solubilisation and zinc solubilization.

14.10 Amendment in Particle size

The particle size in FCO as recommended for granulated NPK is stipulated for all the complex fertilizers and shall retain between 1 mm & 4 mm IS sieve. CFCL proposed to amend the particle size specification as 90% of the material shall retain between 1 mm and 5 mm IS sieve. CFC recommended for the amendment in the particle size.

14.11 Revisit the Specification of Fermented Organic Manure (FOM) and Liquid Fermented Organic Manure (LFOM)

The issue of amendment in the existing specification of FOM and LFOM was raised at various forum by the Associations and Manufacture of CBG. The association emphasized the need to amend the specification in terms of parameters namely, moisture, CN ratio, NPK content and pH. CFC recommended to increase the moisture content to the range of 30 -70% for fermented organic manure. With regards to heavy metal, pH and C:N ratio, the committee was of the view that there is no need for amending the existing specification. The increase in moisture content was notified by S.O. 2345 (E) dated 29th May, 2023.

14.12 Re-notification of the specification of Granular Phosphogypsum

Paradeep Phosphates Limited requested to re-notify the specifications of granular phosphogypsum in view of expiry of the notification in June, 2023. CFC recommended for re-notification of the product under clause 20 A of FCO as provisional fertilizer for another three years.

15.0 INITIATIVES TO IMPROVE FERTILIZER USE EFFICIENCY

15.1 Special Issue of IJF on Precision Agriculture

15.1.1 The April 2022 issue of Indian Journal of Fertilisers (IJF) was brought out as Agriculture Special

issue on the theme of 'Precision Agriculture'. Its main objective was to present the current status and highlight the increasing need for precision agriculture in India. Nine papers covering important aspects of precision and digital agriculture were published in the special issue.

15.2 Special Issue of IJF on Reimaging Rainfed Agro-ecosystems

15.2.1 The Indian Society of Dryland Agriculture had organized an International Conference on "Reimagining Rainfed Agro-ecosystems- Challenges & Opportunities" at ICAR-CRIDA Hyderabad during 22-24, December, 2022. Hyderabad, Telangana. To commemorate the occasion, the November 2022 issue of IJF was published as special issue on the theme of the Conference. Eight papers deliberated in the Conference were published in the November issue of IJF. The soft copy of this issue was made available to all the delegates of the Conference.

15.3 Webinar on Foliar Nutrition and its Benefits

15.3.1 The Fertiliser Association of India and International Potash Institute (IPI) jointly organized one-day Webinar entitled "Foliar Nutrition and its Benefits" on 7th June, 2022 at the FAI House, New Delhi. Dr. S.K. Chaudhari, Deputy Director General (NRM), Indian Council of Agricultural Research , New Delhi was the Chief Guest at the opening session and provided valuable inputs to the delegates. Mr. Shay Mey-Tal, Director, IPI, Switzerland gave the opening remarks. More than 80 delegates representing ICAR, State Agricultural Universities, Ministry of Agriculture and Farmers Welfare, Indian and International Fertilizer Industry participated in the Webinar.

15.4 Training Programme on Fertilizer and Food Security: Challenges and Way Forward

15.4.1 FAI organized a training programme 'Fertilizer and Food Security: Challenges and Way Forward' during 18-20 January, 2023 at Hyderabad. Mr. Arvind Chaudhary, Director General, The Fertiliser Association of India, New Delhi inaugurated the programme. The programme was attended by 62 participants representing 20 fertilizer companies. In all, fourteen presentations were made. In his address, Mr. Arvind Chaudhary stated that fertilizer is an important sector of the country. During Covid-19 pandemic, government provided free food for people below poverty line and has extended it by one year. This has been possible as the country is self-sufficient in food-grains production. He mentioned that agri. inputs like irrigation water, seed and fertilizers are very important in crop production. Fertilizer has

played and will continue to play important role in improving soil health and crop productivity.

16.0 58th FAI ANNUAL SEMINAR

16.1 FAI Annual Seminar over the years has emerged as one of the most important international events for those connected with fertilizer and agriculture. The 58th FAI Annual Seminar was held during 7-9 December, 2022 on the theme 'Fertilizer Sector by 2030'. After a gap of two years due to COVID-19, FAI Annual Seminar 2022 was organized in physical form. The Seminar was inaugurated by the Hon'ble Union Minister of Chemicals & Fertilizers and Health & Family Welfare on 7th December, 2022. Senior officials of the Department of Fertilizers, Ministry of Chemicals and Fertilizers and the Ministry of Agriculture and Farmers Welfare also participated in the Seminar. More than 1300 delegates participated in the threeday event. In all 16 papers were presented by eminent speakers from India and abroad. These presentations covered subjects like world-wide developments for sustainable agriculture, use of green hydrogen and green ammonia in fertilizer sector, decarbonizing the existing production facilities, improving nitrogen use efficiency for reduction in nitrous oxide emission, ESG financing and reducing the cost of logistics through use of coastal shipping and inland waterways for transportation of fertilizers. The Seminar generated valuable conclusions and recommendations for the policy makers.

16.2 Important among those recommendations, it was underlined that crop productivity and food security are still critical needs for a number of individual countries and hence also at global level. But, a new paradigm for sustainable plant nutrition must embrace entire food systems approach with all dimensions of sustainability. In the debt financing options, such as green bonds can be a viable financing tool for Indian fertilizer industry. From a policy standpoint in order to help mobilize capital towards sustainable development, it is important to standardize definitions (taxonomy for sustainable activities) which could help investment institutions like banks to pursue credible transition plans to manage risks and steer capital reallocation to green resilient activities. Once the investment community sees a largescale shift in policies, coupled with the aggressive movement of domestic financial institutions within the economy, it will help attract a plethora of investment opportunities towards green finance within the country.

16.3 In the spirit of becoming 'Aatma Nirbhar', promoting both production and usage of green ammonia in India will go a long way in making India



energy self-reliant. Indian fertilizer industry can begin by utilizing green ammonia for the production of complex fertilizers which is currently largely dependent on imported ammonia. New projects on green hydrogen and green ammonia are under various stages of commissioning. Government of India is also planning to bring obligations for the utilization of green ammonia. Cost competitiveness of green ammonia vis a vis grey ammonia is important for utilizing green ammonia in complex fertilizer production. Bio-mass can be explored as an alternative fuel for production of green urea using carbon dioxide captured from flue gases. All ammonia and urea plants should continue to assess potential to improve energy efficiency and reduction in carbon footprint by modernizing their plant and equipment. Complex fertilizer plants must carry out root cause analysis and explore in-house solutions to perennial problems that can help in improving their reliability.

16.4 The scientists, industry and government should work in close collaboration and in dynamical learning mode to develop and deliver digital agricultural technologies. Fertilizer industry should diversify their portfolios to include digital technologies to place new products in a precision agronomy paradigm. Government should be open and support innovations through funding, regulatory approvals, knowledge dissemination and adoption. To start with, a Committee may be constituted for supporting industry and coordination among different departments.

16.5 Logistics is the major bottleneck in evacuation of phosphogypsum. There is a need to enhance availability of rail wagons to transport phosphogypsum. Simultaneously, newer logistics models such as inland waterways can be explored for evacuation of gypsum in bulk.

16.6 Potash is one of the essential primary nutrients for plant growth. India is completely dependent on import for potash as raw material or finished product. Research and Development efforts for recovery of potash from sea bittern, residue from distillery spent wash and distillery spent ash are proven and have been scaled up to pilot and commercial plant level. Industry must collaborate with the R&D institutes for exploring these technologies to recover potash from indigenous sources. There is a need for policy and financial support for such projects. This will go a long way in substituting the imported potash to significant extent.

16.7 Movement of fertilizers to the coastal districts through container should be explored in conjunction with the Department of Fertilizers, State Department of Agriculture, coast based manufacturers, importers, ports and multimodal players. The imported fertilizers should also be brought within the ambit of freight subsidy policy. This would increase the cargo volume and cost competitiveness due to increased number of service provider. The inland transportation of bulk fertilizers in containers can materialize only if the fertilizer freight subsidy policy of the government is re-designed to permit dispatches of bulk fertilizer cargo from the ports and plants for transportation to the districts for bagging, standardization at the storage hubs created at the districts itself. Containerized transportation of bulk fertilizers from plants/ports would require setting up of container terminal as well as storage and bagging hubs at the hinterland of all the districts. This would require huge capital expenditure and PPP model can be explored. The adoption of NLP-Marine requires the Government mandate on two fronts. One, where the usage of the system has to be mandated through an order. Second, the utilization of the system for submission of data/ forms/ certifications must be enabled and adopted by various Government agencies as well as EXIM bodies.

16.8 In multimodal transportation, the GST rate becomes a cost, as players are unable to claim for input tax credit leading to high cost which becomes prohibitive to adopt it. This needs to be addressed to make it cost effective.

17.0 INTERNATIONAL RELATIONS

17.1 FAI with its professional services and valuable contributions to the industry over the years, has emerged as an important organisation in the field of agriculture and fertilizers. Its views on concerned issues are widely acclaimed and solicited both nationally and internationally. Apart from its representation and participation in national level research and decision-making forums including Government, FAI maintains cordial relations and exchanges information with number of reputed international organisations. Some of these organisations include Food and Agriculture Organization, Rome, Italy; The International Fertilizer Association, Paris, France; The Sulphur Institute, Washington DC; The International Potash Institute, Switzerland; International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, India; International Fertilizer Development Centre, Muscle Shoals, USA; International Rice Research Institute, Los Banos, Philippines; International Maize and Wheat Improvement Center, Mexico; International Zinc Association, USA; and many others. This helps to

promote better understanding of the global developments and their impact on the Indian fertilizer and agriculture sectors.

18.0 FAI WEBSITE

18.1 FAI Website (www.faidelhi.org)

18.1.1 FAI website was launched during 2000-01. It has been always the endeavour in FAI to update the members and other users with up-to-date information through this channel. The FAI website contains wide spectrum of information relating to fertilizer, agriculture, and allied topics. In addition, it contains FAI Competition Compliance Policy, Social media sites, Blogs, Press release, Virtual library, etc. FAI website is updated on regular basis.

18.1.2 The following items are disseminated to the members on the developments in fertilizer and agriculture sectors on all working days.

- News items on developments in weather conditions, agriculture and agri-business, fertilizer, energy, economy, etc.
- ii) Government notifications on fertilizer policies, prices and subsidy.
- iii) Monthly statistical information on details of production, import, despatch, and sale of fertilizers, etc.
- iv) Quarterly statistical bulletin

18.1.3 The number of subscribers of the FAI website as on 31^{st} March, 2023 was as under:

Active:	9
Associate:	38
Total	47

18.2 FAI Web Portal (www.portal.faidelhi.org)

FAI collects large number of data from its member companies and other sources. These *inter-alia* include capacity, production, import, sale/consumption, etc. of fertilizers and fertilizer raw materials/ intermediates. These data are collected on monthly, quarterly, half-yearly and annual basis. FAI disseminate summarized information to its members in the form of statistical bulletins, publications, etc.

With the directions of the Director General-FAI, a Web Portal has been created exclusively for data collection and management relating to fertilizers. FAI members and others from whom we collect data have been registered in the Portal. Hon'ble Union Minister for Chemicals & Fertilizers and Health & Family Welfare, Dr. Mansukh Mandaviya Ji had launched FAI Web Portal https://portal.faidelhi.org at the Inauguration Session of the FAI Annual Seminar 2022 on 7th December, 2022

FAI has invited nominations of nodal and sub-nodal officers from the fertilizer companies for entering the data on the portal. FAI had organized three training programmes for the nodal and sub-nodal officers on 20th and 25th January, 2023 and 10th March, 2023. The nominated officers have started entering the data into the portal.

FAI will be in a position to collect uniform data from the member companies and other sources through this Portal. Data will be kept confidentially in FAI and same will be centralized in FAI Head Office only. The facility will enable FAI for creating better reports to serve the member companies in the most befitting manner. The portal has been effectively go-live w.e.f. 1st April, 2023.

19.0 IT INFRASTRUCTURE IN FAI

19.1 **Dedicated Internet Lease Line**

19.1.1 In view of the COVID-19 pandemic, a dedicated bandwidth internet lease line of 10 MBPS (1:1) was installed in FAI in October 2020 with required set up to organize various programmes through virtual media. Airtel has been the internet service provider and Webex is the platform for conducting such programmes on virtual platform.

19.1.2 This has been facilitating to organize FAI Annual Seminar, Board meetings, AGM, training programmes and advisory committee meetings since 2020-21. This has also been helpful for FAI officials to attend meetings conducted by various government ministries/departments and international organizations. In addition to events of head office, the programmes/ meetings of the Regional Offices of FAI are also being conducted.

19.2 On-line registration of delegates for FAI Annual Seminar 2022

The on-line registration facility for delegates to the FAI Annual Seminar 2022 was provided. A number of delegates, from foreign as well as Indian companies registered on-line for the programme through FAI web site.

19.3 Mobile app for FAI Annual Seminar 2022

On-line mobile/web based application facility was provided to the registered delegates of FAI Annual Seminar 2022. After registration and confirmation, an email containing a link to download the App and a unique login/password were sent to the delegates. On installation of the App, the registered delegates were able to get the information on programme schedules,



delegates, exhibitors, presenters, related events and places of interest amongst many other helpful features.

New features added:

- (i) Speeches delivered during Inauguration session.
- (ii) Presentations made during the technical sessions.
- (iii) Photo gallery.

19.4 Hybrid System in the Board Room of FAI

Looking to the emerging need, it was proposed to have a fully hybrid setup of video conferencing facilities in the FAI Board Room. In this context, Director General-FAI suggested to facilitate hybrid system in the FAI Board Room in such a way so that proper video coverage of Board Room and proper audio for the members sitting in the Board Room as well as to the virtually joined members can be captured suitably. Accordingly, hybrid set-up was installed in the FAI Board Room in January 2023.

19.5 Subscription of Newspapers

Statistics Department of FAI disseminate daily news items relating to weather, energy, fertilizer, agriculture, economy, etc. to all FAI members on all working days via e-mail. These news items are being collected from various websites of the newspapers, such as, The Hindu, The Hindu Business Line, Economic Times, Business Standard, etc. These newspapers cover major issues relating to fertilizer and agriculture sectors. The Hindu and The Hindu Business Line E-Papers have been subscribed by FAI to get the access of news. The arrangement is helping the Department to disseminate news items to the members on time.

20.0 PUBLIC RELATIONS

20.1 FAI continued to interact with media and provided relevant inputs/information on various developments in the fertilizer sector. Interactions were aimed to facilitate accurate reporting of developments and also to reflect industry views. During the year direct live and audio telecast and recorded interviews were carried out by many business TV channels in English and Hindi.

20.2 Prominent newspapers/magazines continued to cover the news related to fertilizer sector on the basis of feedback given by FAI and also published report of the industry based on the Annual Review of Fertilizer Production and Consumption and editorials in Indian Journal of Fertilisers

20.3 Media personnel were invited to attend the inaugural session of the FAI Annual Seminar on 7th December, 2022 at Pullman also to participate in the technical sessions on 8-9 December, 2022. The Seminar

was covered by national and regional dailies, business and economic newspapers, All India Radio, Delhi Doordarshan, etc.

20.4 An informative article titled 'Towards More Sustainable Agriculture in India authored by Mr. K.S. Raju, Chairman, FAI was published in Delhi edition of the Financial Express; and all editions of HT Mint on 7th December, 2022.

20.5 During 2022-23 five special issues of Indian Journal of Fertilisers were brought out related to agriculture, technology, marketing and Annual Seminar. January 2023 issue gave highlights of FAI Annual Seminar. Three special issues of Khad Patrika (Hindi) each on *kharif, rabi* and *zaid* were also published. The highlights of FAI Annual Seminar were also brought out in February 2023 issue of Khad Patrika. Fertiliser Marketing News published articles related to marketing and logistics. It also covered Annual Seminar in January 2023 issue.

21.0 AWARDS OF EXCELLENCE

FAI continued to reward excellence in various functional area viz. fertilizer-related production, environment, safety, nutrient management, etc. The achievements of individuals and organizations are recognized by way of conferment of various awards and honours. Two awards, namely 'U.S. Awasthi IFFCO Awards' were instituted by IFFCO in 2016-17 for the life time contributions in the fields of agriculture research & development, and fertilizer industry. Dr. Bakshi Ram, Ex-Director, ICAR-Sugarcane Breeding Institute, Coimbatore, won the prestigious Award for his breakthrough contribution on the field of sugarcane research and development. Mr. K.L. Singh, Ex-Director, IFFCO, was conferred the Award for his outstanding contribution to the growth and development of fertilizer industry.

22.0 FAI PUBLICATIONS

22.1 Annual Review of Fertiliser Production and Consumption 2021-22

22.1.1 Annual Review of Fertiliser Production and Consumption 2021-22 was published in FAI's monthly publication "Indian journal of Fertilisers" in September 2022. It provided a detailed review of fertilizer policies, production performance, state-wise analysis of fertilizer consumption and agricultural development programmes undertaken up by the central government, state governments and fertilizer industry in 2021-22 and also outlook of fertilizer availability and expected consumption for 2022-23.

22.2 Fertiliser Statistics – 2021-22

22.2.1 *Fertiliser Statistics* is a valuable repository of fertilizer, agriculture and allied statistics. The 67th Edition of *Fertiliser Statistics* 2021-22 published in

November 2022 was divided into 3 parts. First part covered Indian fertilizer statistics on capacity, production, import, despatch/sale, consumption, prices, taxes for fertilizers & raw materials. Second part deals with Indian agricultural and allied statistics. Third part gives world fertilizer and agricultural statistics. The publication also gives in a nutshell the developments in fertilizer related policies in India.

22.3 Specialty Fertiliser and Micronutrient Statistics - 2021-22

22.3.1 The deficiencies of primary, secondary and micronutrients in soil are on increase posing threat to sustainable agriculture. Balanced use of fertilizer is needed to supplement the deficiencies of nutrients in the soil. To ensure balanced fertilization, besides existing fertilizer products, a number of new efficient fertilizer products have emerged in the market in recent years. These include neem coated urea and other slow released and fortified/coated fertilizers, water soluble fertilizers, liquid fertilizers, nano fertilizers, customized fertilizers, sulphur carrying fertilizers and bentonite sulphur, micronutrients, etc. Specialty Fertiliser and Micronutrient Statistics - 2021-22, the 11th Edition published in November 2022 covered the details of specifications, capacity, production, import, sale, and other related information about these products.

22.4 **Biofertiliser Statistics – 2021-22**

22.4.1 Biofertilisers are important supplement to chemical fertilizers which help in augmenting crop production by enriching the soil fertility, soil enzymes and soil microbial population. *Biofertiliser Statistics* – 2021-22, the 14th Edition published in November 2022 covered comprehensive data on capacity, production, dispatches, specifications of biofertilisers and other related information.

22.5 Revised Edition of FCO

22.5.1 FCO 1985 is a dynamic Order and updated Editions of this document have been issued by FAI from time to time incorporating various amendments made by the Government of India. The Twentieth Edition of The Fertiliser (Inorganic, Organic or Mixed) (Control) Order 1985 was brought out in March 2023, which includes amendments issued upto March, 2023.

23.0 MEMBERS

23.1 The position of members as at the end of the year compared to the previous year stands as

under:

Member	2023	2022
Active	39	40
Associate	200	171
Overseas Associate	21	22
Technical and Professional Associate	381	378
Total	641	611

The particulars of Active, Associate and Overseas Associate Members are given in Appendix IX.

23.2 Membership Subscription

23.2.1 In the 404th meeting held on 21st July, 2022, the Board of Directors approved the rates of subscription for Active Members for the year 2022-23 which are the same rates applicable since 2013-14. The rates are as under:

Ceiling – Based on the Nutrient Sold				
Category* Rupees i	n Lakh			
Sales up to 25000 te	0.63			
Sales > 25,000 te but < 50,000 te	1.25			
Sales > 50,000 te but < 1,50,000 te	2.50			
Sales > 1,50,000 te but < 3,00,000 te	4.37			
Sales > 3,00,000 te but < 5,00,000 te	6.25			
Sales > 5,00,000 te but < 10,00,000 te	8.75			
Sales > 10,00,000 te but < 15,00,000 te	11.25			
Sales > 15,00,000 te but < 20,00,000 te	13.75			
Sales > 20,00,000 te but < 25,00,000 te	17.50			
Sales > 25,00,000 te	25.00			
*Category is determined based on do production plus imports of nutrients sold imported urea				

23.2.2 The members approved the rates of annual subscription as given under for the following categories of Associate Members for the year 2022-23 in the 67th Annual General Meeting held on the 9th September, 2022:

S. No. Category	Amount
(i) Associate Members	Rs.20,000* (Same rates as applicable from 2009-10)
(ii) Overseas Associate Members	US \$ 2000*(Same rates as applicable from 2011-12)
(iii) Technical & Professional Associate Members	Rs. 500* (Same rates as applicable from 2009-10)
* plus GST	





24.0 BOARD OF DIRECTORS

24.1 The following Ten Directors, who retired by rotation under clause 83rd of the Articles of the Association on the date of the last Annual General Meeting held on the 9th September, 2022, were reappointed as Directors:

i) Mr. K. S. Raju (DIN: 00008177) representative of M/s Nagarjuna Fertilizers and Chemicals Limited (NFCL), was appointed to represent the interests of nitrogenous and complex fertiliser manufacturers.

ii) Mr. Rakesh Kapur (DIN: 00007230) representative of M/s Indian Farmers Fertiliser Cooperative Limited (IFFCO), was appointed to represent the interests of nitrogenous and complex fertiliser manufacturers fertilisers.

iii) Mr. Sanjiv Kanwar, (DIN:03379055) representing M/s Yara Fertiliser India Pvt. Ltd, was appointed to represent the interests of nitrogenous and complex fertiliser manufacturers.

iv) Mr. N. Suresh Krishnan (DIN:00021965) representative of M/s Paradeep Phosphates Limited (PPL), was appointed to represent the interests of nitrogenous and complex fertiliser manufacturers.

v) Mr. Sameer Goel (DIN: 07298938) representative of M/s Coromandel International Limited, was appointed to represent the interests of nitrogenous and complex fertiliser manufacturers.

vi) Mr. S. R. Ramakrishnan (DIN: 00120126) representative of M/s Southern Petrochemical Industries Corporation Ltd, (SPIC), was appointed to represent the interests of nitrogenous and complex fertiliser manufacturers.

vii) Mr. Kishor Rungta (DIN 00231106) representative of The Fertilizers and Chemicals Travancore Limited (FACT), was appointed to represent the interests of Super Phosphate manufacturers.

viii) Mr. R. K. Chopra, (DIN: 06969911) representing M/s Kribhco Fertilizers Limited (KFL), was appointed to represent the interests of Super Phosphate manufacturers.

24.2 The following Directors who were also appointed as Additional Directors during the year were regularised on a Rotational Directors at the Annual General Meeting held on 9th September, 2022 as Rotational Directors:

i) Mr. Manoj Mishra, representative of M/s Matix

Fertilizers & Chemicals Limited appointed as an Additional Director by the Board of FAI on 25th November 2021 and was also appointed by the members as a Rotational Director to represent the interests of nitrogenous and complex fertilizer manufacturer.

ii) Mr. S.C. Mehta (DIN: 00128204) representative of M/s Smartchem Technologies Limited (STL) was appointed by the members as a Rotational Director to represent the interests of nitrogenous and complex fertilizer manufacturer.

24.3 The appointments of the following Directors in Casual Vacancy during the year were ratified in the Annual General Meeting held on 9th September, 2022.

i) Mr. S.P. Mohanty (DIN: 05336787) representing M/ s Brahmaputra Valley Fertilizer Corporation Limited (BVFCL), appointed as a Director of the company to represent the interests of nitrogenous and complex fertilizer manufacturers.

ii) Mr. Shubhabrata Saha (DIN: 03036747) representing M/s Mangalore Chemicals & Fertilizers Limited (MCFL), appointed as a Director of the company to represent the interests of nitrogenous and complex fertilizer manufacturers.

iii) Mr. Nirlep Singh Rai (DIN: 08725698) representing M/s National Fertilizers Limited (NFL), appointed as a Director of the company to represent the interests of nitrogenous and complex fertilizer manufacturers.

iv) Mr. Pankaj Kumar Bansal (DIN: 05197128) representing M/s National Co-operative Development Corporation (NCDC), appointed as a Director of the company to represent the interests of Associate Members.

v) Mr. S.V. Varma (DIN: 08589717) representing M/s Gujarat State Fertilizers and Chemicals Limited (GSFC), appointed as a Director of the company to represent the interests of nitrogenous and complex fertilizer manufacturers.

24.4 The following Directors resigned/vacated from the Board of Directors of FAI during the year:

24.4.1 Resignations

- 1. Mr. S.P. Yadav w.e.f . 21st July, 2022
- 2. Mr. Sundeep Kumar Nayak w.e.f. 21st July, 2022
- 3. Mr. K. K. Kaul w.e.f. 09th September, 2022

- 4. Mr. Nirlep Singh Rai w.e.f. 09th September, 2022
- 5. Mr. Shubhabrata Saha w.e.f. 07th December,2022
- 6. Mr. Sameer Goel w.e.f. 20th March, 2023
- 24.4.2 To fill up the vacancies the following were appointed.
- 1. Mr. S.V. Varma, w.e.f. 21st July, 2022
- 2. Mr. Pankaj Kumar Bansal, w.e.f. 21st July, 2022
- Mr. Manoj Mishra w.e.f. 21st July, 2022 (Additional Director)
- Mr, Vinoo Mehta w.e.f. 09th September, 2022 (Director in Casual Vacancy)
- 5. Mr. Atul B. Patil w.e.f. 09th September, 2022 (Additional Director)
- 6. Mr. Nitin M. Kantak w.e.f. 07th December, 2022
- Mr. Sankara Subramanyan w,e,f, 20th March, 2023 (Additional Director)

24.5 Appointment of Director General

Mr. Arvind Chaudhary has been appointed as DG, FAI w.e.f. 10th August 2022.

24.6 In terms of 92(3) of the Companies Act 2013, extract of annual return is given in Form No. MGT-9 in Appendix-X.

25.0 FINANCE

25.1 The excess of income over expenditure is Rs. 2,78,51,768/- for the year ended the 31st March, 2023.

26.0 STAFF

26.1 FAI has been striving to keep the manpower requirement at an optimum level which enables effective and efficient service to the members. In this process, conscious efforts have been made to rationalize the staff strength of FAI through retirements and reallocations of work without compromising the delivery and quality of services provided to member companies. Total staff strength has come down from 68 at the end of the financial year 2006-07 to 47 at the end of the financial year 2022-2023.

26.2 The Board has great pleasure in acknowledging the unstinted cooperation extended and the hard work put in by the Officers and staff of the Association in successfully carrying out various programmes during the year.

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APPENDIX I

MEMORANDA/REPRESENTATIONS SUBMITTED TO GOVERNMENT

1.0 FERTILIZER PRICING AND SUBSIDY POLICY 1.3 PAYMENT AND GOVERNANCE ISSUES 1.3

1.1 Industry Issues

- 1.1.1 FAI vide letter dated 21st July, 2022 addressed to PS to Hon'ble Minister of Chemicals and Fertilizers and Minister of Health & Family Welfare, to bring to the attention of the Hon'ble Minister the difficulties faced by the industry due to viability gap inspite of high subsidy and delay in payments mainly comprising urea, P&K fertilizers and SSP. A meeting with the Hon'ble Minister along with a small delegation of representatives of Urea and P&K fertilizers was requested.
- 1.1.2 FAI again wrote a letter On 28th July, 2022 to PS to Hon'ble Union Minister of Chemicals & Fertilizers and Minister of Health and Family Welfare addressing the issues related to viability gap for P&K fertilizers and quarterly updation of cost of urea. It also mentioned the non-processing of escalation claims of 2020-2021 and 2021-2022 leaving large unpaid dues of the industry as well as need for providing adhoc increase in subsidy rates of urea.

1.2 Issues of Urea Industry

- 1.2.1 In response to DOF meeting on 14th December, 2022 with the representatives of urea industry wherein NBS model for urea was proposed by the department. DOF sought industry response on the proposal of NBS Model from the industry through FAI. DG, FAI wrote a letter dated 28th December 2022 addressed to the Secretary (Fertilizers) wherein the suggestions of the urea industry were submitted.
- 1.2.2 Giving reference to FAI note on NBS Model for urea submitted on 28th December, 2022 and presentation before the Secretary (Fertilizers) on 10th January, 2023, DG, FAI wrote a letter on 25th January, 2023 to the Director (UPP & FP), DOF.
- 1.2.3 FAI letter dated 10th March 2023 addressed to Secretary (Fertilizers) regarding request for (i) a direction to FICC to kindly not insist on making any arbitrary allocation of the delivered cost of EPMC Spot RLNG and other gases into different components which is not in compliance with gas contracts and the New Urea Policy 2015 and (ii) allow energy saving incentives to the urea units as per the basic cost of gas.

1.3 Issues of P&K Fertilizer Industry

- 1.3.1 Explaining the issues of the P&K sector, FAI vide letter dated 20th July, 2022 requested the Secretary (Fertilizers) to meet the delegation of P&K suppliers in order to further explain the hardship being faced by the industry and the type of relief needed to maintain supplies was made.
- 1.3.2 On 28th July, 2022, FAI again wrote a letter to PS to Hon'ble Union Minister of Chemicals & Fertilizers and Minister of Health and Family Welfare addressing the issues related to viability gap for P&K fertilizers and quarterly updation of cost of urea. P&K fertilizers required additional compensation for rabi 2021-22 and kharif 2022 to cover the losses incurred by the industry due to continuous increase in cost of imported fertilizers and raw materials. Further it was requested for expediting the reimbursement of additional compensation for October 2021 to March 2022 and April-June 2022 quarter. A request was also made for a meeting with the Hon'ble Minister with a small delegation of representatives of urea and P&K fertilizer units for immediate redressal of issues.
- 1.3.3 DG, FAI wrote a letter dated 27th December 2022 to the Secretary (Fertilizers) regarding timely notification on NBS subsidy rates on P&K Fertilisers for the ensuing *kharif*, 2023 crop season.
- 1.3.4 DG, FAI sent a letter dated 27th December 2022 addressed to the Secretary (Fertilizers) regarding the issue of reimbursement of actual cost for import of P&K Fertilizers for the period from 25th October 2021 to 31st March, 2022 under NBS Scheme.
- 1.3.5 DG, FAI vide letter dated 9th January 2023 to Secretary (Fertilizers) regarding huge losses that the industry is already struggling with, and which FAI hope that the same will be compensated with the 7% return promised. FAI earnestly requested not to reduce subsidy for the January-March 2023 period and continue with the same subsidy as it exists currently till March 2023. A reduction in subsidy would seriously jeopardize availability of DAP for the upcoming *kharif* season.
- 1.3.6 DG, FAI vide letter dated 20th January 2023 to the Joint Secretary, DoF sent the suggestions of the industry on 'Note on Strategic Reserves under

Nutrient Based Subsidy (NBS) Policy' for decontrolled (P&K) fertilizers proposed by DoF.

- 1.3.7 DG, FAI wrote a letter dated 27th January 2023 to Hon'ble Union Minister of Chemicals & Fertilizers and Minister of Health and Family Welfare, with a copy to Secretary (Fertilizers) regarding (i) Fixed Cost (ii) interest Cost & Forex Exchange variation and (iii) Applicability of New NBS Rates.
- 1.3.8 DG, FAI sent a letter dated 9th February, 2023 to the Joint Secretary, DoF recommending 4 industry representatives as Members of the Committee on P & K Fertilizers, as per the meeting of representatives of P & K fertilizer companies with the Hon'ble Union Minister of Chemicals & Fertilizers and Health and Family Welfare held on the 7th February, 2023.

1.4 Other Policy Related Issues

- 1.4.1 Based on the available information, ADG, FAI vide email dated 4th May, 2022 stated that India had not imported the mentioned commodities from Canada over the past five years. FAI also suggested that granting duty concession or exemption on raw materials/intermediates would assist the fertilizer industry in reducing their manufacturing costs for fertilizers.
- 1.4.2 In reference to the email dated 27th May, 2022 regarding Inputs on the Rule of Origin (ROO) and Product Specification Rule (PSR) w.r.t. India-Korea CEPA upgradation negotiations, ADG, FAI vide email dated 31st May, 2022, addressed to Deputy Secretary (TNB) informed that India does not have adequate natural resources for manufacturing fertilizers. It was also suggested to avoid duty exemption/concession on import of finished fertilizers falling under chapter heading 31. On the other hand, duty concession/exemption on raw materials like phosphoric acid, ammonia and sulphuric acid falling under chapter heading 28 and rock phosphate and sulphur falling under chapter 25 is desirable for India. Lastly, it was stated that the existing provision of change of chapter heading or minimum 35% of value addition for fertilizer raw materials, as mentioned above, seemed reasonable under the ROO.
- 1.4.3 In response to DOF letter dated 11th May, 2022 to include Fertilizer Industry as an eligible borrower under emergency credit line guarantee scheme, ADG, FAI vide email dated 12th May, 2022 supported the view. It was further mentioned that FAI had also approached National Guarantee Trustee Company Ltd. for clarification in which NCGTC vide letter dated 16th March, 2021 stated, the responsibility of checking the eligibility of borrower under the scheme lies with the Member Lending Institutions (MLI). Requesting for issuing

necessary clarifications to enable the stressed fertilizer industry benefit from ECLGS, FAI also wrote a letter to the Secretary, Department of Financial Services dated 19th January, 2021. A copy of the letter was sent to the Secretary (Fertilizers). FAI again requested DoF to kindly take up the issue to the concerned departments of Ministry of Finance to enable fertilizer industry benefit from the ECLGS introduced by the Government to mitigate credit issues of stressed sectors.

1.4.4 FAI letter dated 20th January 2023 addressed to Secretary (Fertilizers) submitted the companywise data on cost of sales, profit/loss and the quantum of stocks held on 31st December, 2022 with the average cost.

1.5 Payment Related Issues

- 1.5.1 DG, FAI vide letter dated 16th August, 2022 requested the Secretary (Fertilizers) to release the payments of pending ACTN claims to the concerned urea companies as State governments of Gujarat and Uttar Pradesh had introduced additional VAT on natural gas, which was not considered for reimbursement under the urea policy of DoF. It also stated that the ACTN claims of urea manufacturing companies of about Rs.18 crores still remained pending for final settlement at FICC and the concerned companies have submitted details sought by FICC. The delay in settlement of these claims are causing financial hardships to the companies.
- 1.5.2 DG, FAI vide letter dated 11th October,2022 addressed to the Secretary (Fertilizers) underlined that the consideration of a special compensation of Rs.8000/MT would be inadequate to cover the actual cost of almost all the importers which had shared their data with the Department. It also highlighted that recovery of Rs.3000/MT on the stocks of DAP with different companies from 1st April, 2022 was unjust as most of the industry stocks as on 1st April, 2022 were moved prior to 31st March 2022 with printing of Rs. 24,000/MT. Lastly it stated that a dispensation as a one-time exception on the imports made during April-September, 2022 was required as the enhanced MRP of Rs. 27,000/MT did not cover the total import cost. Similar letter was sent to the Joint Secretary, DOF.
- 1.5.3 DG, FAI vide letter dated 19th December, 2022 addressed to the Secretary (Fertilizers) highlighted that in case of urea, the share of subsidy in total cost comes to about 85% and in the case of DAP it is about 65%. Any delay in payment of subsidy increases the requirement of working capital for the fertilizer industry. It stated that RBI rules allow bank financing of working



capital against subsidy receivables only for 60 days. It was requested to take up the issue with RBI and increase the time limit to 180 days.

1.5.4 FAI wrote a letter dated 25th May, 2022 to the Secretary (Fertilizers) highlighting the difficulties caused by monthly cost submission data including lag in recording of transactions, different companies following different system for monthly data, hence making it difficult to draw any meaningful conclusions, lastly monthly data to likely create discrepancies arising due to the inherent accounting complexities of seasonal consumption of fertilizers. It was also requested to continue with the present system of submission of data.

1.6 Pre-Budget

- 1.6.1 FAI sent Fertilizer Industry's suggestions related to Customs as part of pre-budget memorandum for Union Budget 2023-24 vide letter dated 20th September, 2022 to the Joint Secretary (TRU-II), Central Board of Indirect Taxes & Customs, Department of Revenue. Copy of the same has been sent to the Secretary (Fertilizers) on 23rd September 2022.
- 1.6.2 DG, FAI sent Fertilizer Industry's Suggestions for consideration while formulating Union Budget 2023-24 on Direct Taxes vide letter dated 20th September 2022 to the Joint Secretary, Tax Policy and Legislation (TPL-I), Central Board of Direct Taxes (CBDT), Ministry of Finance. Copy of the same has been sent to the Secretary (Fertilizers) on 23rd September 2022.

1.7 GST Issues

- 1.7.1 DG, FAI sent a representation dated 23rd September, 2022 to the Secretary, Department of Revenue regarding various issues faced by the fertilizer sector under the GST Law.
- 1.7.2 DG, FAI sent a representation dated 23rd September, 2022 to the Secretary, Department of Revenue regarding resolving the GST related issues which are impacting the fertilizer industry. Copy of the same was sent to the Secretary (Fertilizers).
- 1.7.3 DG, FAI, vide letter dated 21st November, 2022 to the Secretary (Fertilizers) requested for resolving the GST related issues and refund which are impacting the fertilizer industry.
- 1.7.4 FAI sent a letter dated 21st November, 2022 to Commissioner (GST), Central Board of Indirect Taxes and Customs, Department of Revenue, Ministry of Finance regarding refund of GST.
- 1.7.5 DG, FAI vide letter dated 23rd February, 2023 to the Secretary (Fertilizers) regarding various issues related to GST, NBS rates etc.

- 1.7.6 DG, FAI sent a representation dated 10th March, 2023 to the Chairman, Central Board of Indirect Taxes & Customs regarding issues faced by the fertilizer sector in claiming Refunds under Inverted Rate structure under the GST law.
- 1.7.7 DG, FAI vide letter dated 31st March, 2023 to the Chairman, Central Board of Indirect Taxes & Customs regarding the issues pertaining to GST and refunds being faced by the fertilizer industry and requesting therein for a meeting with a small delegation of fertilizer industry to elaborate and explain the long-time pending issues pertaining to GST. Copy of the same has been sent to Joint secretary, DoF and the commissioner (GST).

1.8 Reasonableness of Profit / MRP

1.8.1 FAI has been taking the issue of reasonableness with the Department of Fertilizers on sustainable basis. Department of Fertilizers constituted a Committee on 28th April, 2023. After the meeting of Committee on 5th May, 2023, the views of the industry were summarized and submitted to the Committee on 8th May, 2023. FAI suggested that the current formula for calculating the reasonableness of MRP which is inclusive of GST conflicts with margin workings. The criteria should be prospective and applied at business level and not at product level. The component of GST should be excluded from the criteria of reasonableness.

1.9 Issues Related to Supply of Natural Gas

1.9.1 FAI vide letter dated 27th July, 2022 requested the Secretary (Department of Fertilizers) to allow adhoc increase in subsidy rates for the 1st quarter (April-June) 2022-23 to cover sharp increase in gas price after the 3rd quarter (Oct-Dec) of 2021-22 to provide relief to Urea units from liquidity problem as processing of annual escalation claims for 2021-22 may still take some time for audit and processing of data by the FICC. Processing of escalation claims for the 1st quarter of 2022-23 will also take time.

2.0 ISSUES RELATED TO ENERGY CONSERVATION

2.1 As per the request of Department of Fertilizers (DoF), clause wise comments received from complex fertilizer manufacturers on draft guidelines for procurement of green hydrogen and green ammonia were sent to the DoF on 30th August, 2022.

3.0 ISSUES RELATED TO ENVIRONMENT

3.1 A representation was sent to the CPCB on 6th March 2023 highlighting the difficulties faced by member companies in implementation of Extended Producer Responsibility under Plastic Wastes Management Rules such as pending registration of plastic bag manufactures, waste management agencies and recyclers, problems in upload of GST invoices, manual entries, etc.

- 3.2 FAI made a representation dated 17th May, 2022 to CPCB to review the standard operating procedure for Utilization of ETP Sludge in Fertilizer Industry in Manufacturing of Di-Ammonium Phosphate (DAP)/NPK Fertilizers.
- 3.3 As a follow-up to our earlier representations, FAI wrote a letter to the DoF dated the 23rd May, 2022 to help industry in gainful utilization of the phosphogypsum. It was requested to take up the matter with the Ministry of Railways, the Ministry of Port, Shipping and Waterways to help reduce the cost of logistics.

4.0 ISSUES RELATED TO NATURAL GAS

- 4.1 An e-mail was sent to the Secretary (Fertilizer) on 6th January, 2023 informing about the constraints in bidding for domestic gas individually by urea units and requested for suitable clarification.
- 4.2 A brief note was sent to Director (UPP & FP), DoF on 6th January, 2023 on use of syn gas produced from coal gasification for production of urea.
- 4.3 FAI sent a letter dated 27th January, 2023 to Director (UPP & FP), DoF regarding diversion of 128 MMSCM gas from Fertilizer Sector to Power sector for the crunch period of 18 days during April-May 2023. It was informed that gas diversion during the crunch period will affect the production of urea and may not be feasible.
- 4.4 FAI sent a letter dated 31st January, 2023 to Secretary (Fertilizers) conveying the view of concerned members that they have agreed to DOF proposal for payment of marketing margin of Rs. 200 per 1000 M³ on KG-D6 from May 2009 till 17th November 2015 without any interest.

5.0 Standardization of Fertilizer Bags

5.1 FAI wrote to DoF on August 3, 2022 regarding standardization of fertilizer bags. It was mentioned that there were no issues on the quality parameters of bags being used by the fertilizer industry, therefore the adoption of IS 9755:2021 should not be made mandatory and suitable recommendations may be sent to Department of Chemicals and Petrochemicals.

6.0 Issues Related to SSP

- 6.1 Recoveries on Account of Import of Rock Phosphate by SSP Manufacturer
- 6.1.1 FAI vide letter dated August 29, 2022 requested the Secretary (Fertilizers) to grant one-time

permission for use of 29% P2O5 rock phosphate as primary rock, already imported in line with the earlier provisional permissions given to some of the SSP companies. It was further requested that the recovered subsidy amount may kindly be released after one-time approval for use of 29% P2O5 rock phosphate as primary rock for manufacturing of SSP only.

- 6.1.2 FAI vide letter dated September 13, 2022 addressed to Joint Secretary, DoF suggested various measures to be adopted for increasing the production and usage of SSP.
- 6.1.3 FAI submitted a concept note each for creation of 'SSP Park' and 'Strategic Reserves of Fertilizers' to the Joint Secretary, DoF on September 19, 2022.
- 6.1.4 As per guidelines issued on September 21, 2022, if same grade of rock phosphate is imported, composite sample shall be made from all the available hatches and largest importer will make the sampling request and if there was equal quantity by all importers, any one of the importer make the request for sampling. However, PDIL inviting all the importers and charging fee for the testing from each importers. FAI sought the clarification on the above from Director (M), DoF vide email dated October 12, 2023. FAI again made the request vide letter dated November 21, 2022 to Joint Secretary, DoF to resolve the issue.
- 6.1.5 FAI vide letter dated November 21, 2022 put-forth some of the issues related to testing of the indigenous / imported rock phosphate to the Joint Secretary, DoF for resolution.
- 6.1.6 FAI sent a letter to Additional Secretary, DoF on January 27, 2023 and February 28, 2023 seeking clarification on the import of Syrian rock phosphate by some of the fertilizer manufacturers in India whether, it violates any prevailing law or any bilateral agreement as there is sanction imposed by US due to ISIS movement.
- 6.1.7 FAI requested the Additional Secretary, DoF vide letter dated March 3, 2023 and March 31, 2023 for inclusion of fortified SSP with Mg, Zn and B under NBS policy. It was further requested that till the time it is not included, allow the SSP manufacturers to produce, sale and claim subsidy on fortified SSP as per existing NBS rates of SSP fortified with Zinc and Boron only.
- 6.1.8 FAI intimated the various activities of the FAI -Task Force on SSP to the Additional Secretary, DoF vide letters/ emails dated January 23, 2023, February 9, 2023, February 21, 2023, February 28, 2023, March 1, 2023, March 9, 2023.



- 6.1.9 FAI vide letters dated February 8 and March 10, 2023 requested Additional Secretary, DoF to look into the various issues of the SSP industry for early resolution.
- 6.1.10 FAI vide letter dated March 22, 2023 suggested the Additional Secretary, DoF that sampling and testing of rock phosphate should be done at the RSMML mines itself instead of at the SSP units as rock quantity received in small lots through trucks and hence testing of each truck load is a difficult proposition.
- 6.1.11 FAI vide letter dated March 22, 2023 requested Additional Secretary, DoF that in order to make possible the vision of the Hon'ble Minister to increase SSP production to 100 lakh tonne, SSP industry be given a level playing field with other phosphatic fertilizers by considering the NBS rate in line with other P&K fertilizers.
- 6.1.12 A letter was sent to Additional Secretary, DoF on March 24, 2023 informing about the formation of SPV by the members of the TF to take the initiative for importing rock phosphate on behalf of the SSP industry. Further, vide letter dated April 26, 2023, it was informed to DoF that NBCL and RCF may be considered as SPV for bringing rock phosphate for SSP industry and requested DoF to issue guidelines for the same.

7.0 Pradan Mantri Kisan Samruddhi Kendra

7.1 A letter was sent to Additional Secretary, DoF on March 21, 2023 with a request that if at all the SSP industry has to participate in PMKSK, allotment to the SSP industry then it should be made either on the basis of percent nutrient share or on the basis of subsidy share.

8.0 OTHER ISSUES

8.1 FAI vide its letter dated 30th December, 2022 to the Department of Chemicals and Petrochemicals (DCPC), conveyed that making Quality Control Order for merchant grade sulphuric acid, phosphoric acid and ammonia may not be made mandatory as these are used as inputs for producing fertilizers. There is no difficulty in manufacturing fertilizers and meeting the quality standards as per FCO.

- 8.2 As desired by the DoF, FAI submitted a proposal to the Under Secretary, DoF on December 22, 2022 on promotion and use of phosphogypsum by the various industries by reducing the freight cost (130 A) and revising priority category (LR 3).
- 8.3 FAI sent email to Joint Secretary, Department of Fertilizers on 9th June, 2022 regarding cotton contamination problem using coloured HDPE bags for fertilizer packing.
- 8.4 FAI wrote a letter to the Director, Department of Consumer Affairs on 9th August, 2022 requesting to allow the fertilizer manufacturers/importers to print the matter on containers of fertilizers as per FCO 1985, as has been done in case of the food, seeds and cosmetics.
- 8.5 FAI wrote a letter to the Joint Secretary (INM) on 10th March, 2023 requesting therein to issue the necessary amendment in the existing general specifications to cover both granular and liquid WSFs. In the existing specification of (i) moisture, a* may be put which means moisture content not applicable in liquid NPK 100% water soluble fertilizers. This will help in expanding the product basket of liquid fertilizers for farmers.

9.0 REGIONAL ISSUES

9.1 FAI-SR, submitted representations to the state department of agriculture in the southern region on various issues related to a) abnormal delay in payment of subsidy on the stocks supplied to State Institutional Agencies like MARKFED etc which were maintained as buffer stocks and not sold to the farmers b) subsidy payment held up against the stocks available in the PoS machines of the deceased/absconding/defunct dealers c) Non functioning of PoS Machines due to software and network issue d) delay in certification of claims in B1 and B2 formats etc. We have submitted representation on the above issues to (i) Director of Agriculture, Government of Kerala, Thiruvananthapuram on 26th April 2022, (ii) Commissioner of Agriculture, Government of Telangana, Hyderabad on 20th July 2022 (iii) Director of Agriculture, Government of Karnataka, Bengaluru on 11th August 2022 (iv) Director of Agriculture, Government of Tamil Nadu on 23rd Feb 2023.

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Seminar Highlights



















Seminar Highlights

Seminar Highlights



















Seminar Highlights



















A Glimpse of Some Exhibitors' Stalls





























APPENDIX II

FAI REPRESENTATION ON NATIONAL AND INTERNATIONAL BODIES

1. International Fertilizer Association (IFA), Paris

- a) IFA Sustainability Committee
 - Sustainable Advisory Team
 - Sustainable Fertilizer Production Working Group
 - Sustainable Fertilizer Academy Working Group
 - Norm in Phosphogypsum Working Group
 - Method Harmonization Working Group
 - Sustainable Fertilizer Use Steering Group
- b) Market Intelligence Committee
 - Fertilizer Demand Working Group
 - NPK Compounds Task Force
- c) Public Affairs Committee
- d) Working Group on Special Products
- e) IFA Council
- f) Agriculture Committee

2. Bureau of Indian Standards, GOI, New Delhi

- a) Standardization Cell
- b) Environment Protection and Waste Management Sectional Committee (CHD 32)
- c) Solid Waste Management Sectional Committee (CHD 33)
- d) Environment Management Sectional Committee (CHD 34)
- e) Occupational Health and Safety Sectional Committee (CHD 08)
- f) Water Quality for Industrial Purposes Sectional Committee (CHD 13)
- g) Energy Management Sectional Committee (MED 39)
- h) Air Quality Sectional Committee (CHD 35)
- i) Environmental Services Sectional Committee (SSD 07)
- j) Soil Quality and Fertilizers Sectional Committee, FAD 7

- k) Biotechnology for Food and Agriculture Sectional Committee, FAD 23
- Textile Materials Made from Polyolethins (Excluding Cordage) Sectional Committee TX 23.
- Sectoral Committee & Sub-Committee on Fertilizer for Implementation of PAT in Fertilizer Sector of Bureau of Energy Efficiency, Ministry of Power, GOI, New Delhi.
- 4. Working Group to look into various aspects of Green Ammonia production and utilization, Ministry of New and Renewable Energy, GOI, New Delhi.
- Working Group on Circular Economy in Phosphogypsum, Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, GOI, New Delhi.
- 6. Think Tank for Innovation in the Fertilizer Sector, Department of Fertilizers, GOI, New Delhi.
- 7. Various Expert Groups and Committees of Ministry of Chemicals and Fertilizers, GOI, New Delhi.
- 8. Committee for Roadmap for Setting up National Fertilizer University, Department of Fertilizers, GOI, New Delhi.
- 9. Central Fertilizer Committee, Ministry of Agriculture and Farmers Welfare, New Delhi
- 10. Society for Promotion of Wasteland Development, New Delhi
- 11. The Society for Conservation of Nature, New Delhi
- 12. Steering Committee of Indo-Canadian Potash Promotion Project, New Delhi
- 13. Scientific Advisory Committee TERI Deakin Nano Biotechnology Centre, Gurugram, Haryana
- 14. Railway Users' Consultative Committee of Eastern, Northern, Western and Southern Railways.
- 15. Fertilizer Advisory Committee and State Coordination Committee of Various States

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FAI PARTICIPATIONS IN CONFERENCES, SEMINARS, WORKSHOPS AND MEETINGS

Participations

- 1. DG presented a paper on Current Situation and Outlook for Fertilizer Market in IFA Crossroads Asia-Pacific Conference in Singapore held during 5-7 October, 2022.
- DG participated in the meeting of Working Group on Demand & Supply Projections of Crops, Livestock, Fisheries and Agriculture Input for 2025-26, 2020-31 and 2035-36 on 6th October, 2022.
- 3. DG along with industry representatives attended the meeting held under the Chairmanship of Secretary (Fertilizers) to discuss the issues of the fertilizer sectors on 14th December, 2022.
- 4. DG participated in the discussion held in DoF on proposal of NBS Model for Urea on 10th January, 2023.
- 5. DG along with representative of DoF participated in the meeting with the Secretary (Coal) to discuss the long-term supply agreement of Syn Gas (SNG) to be produced from coal gasification plants with fertilizer (urea) industry on 17th January, 2023.
- 6. DG and Director (Marketing) made a virtual presentation on 13th March, 2023 on Movement of Fertilizers through IWT. The meeting was Chaired by the Secretary, Department of Fertilizers to discuss the potential of movement of fertilizers through inland water transport mode and to finalize sectoral plans for efficient logistics including inland waterways and coastal shipping.
- ADG and Chief (Technical) attended the virtual workshop on Accelerating Low Carbon Roadmap for the Ammonia Sector in India organized by Deloitte Touche Tohmatsu India LLP on 8th April, 2022.
- ADG participated as panellist for Technical Workshop on Indo-French Partnership to Power a Decarbonised Hydrogen Industry on 23rd May, 2022 organized by Council on Energy, Environment and Water.
- ADG attended the Panel Discussion (VC) on India-EU Cooperation in Green Hydrogen: Towards Sustainable Energy Transition organized by Research and Information System for Developing Countries on 2nd June, 2022.
- 10. ADG delivered a lecture in Climate Change Research Institute's workshop on Awareness and Capacity

Building in Hydrogen Production and Energy uses: Towards a Net-Zero strategy (ACBHPE-2022) on 10th June, 2022.

- 11. ADG and Chief (Technical) attended and ADG made a presentation in IIChE-FAI-IIT Seminar on Production and Use of Green Hydrogen and Green Ammonia in Process Industry held during 24-25 June, 2022, New Delhi.
- ADG attended Roundtable Discussion on G 20 Presidency of India: Agriculture and Food Sustainability organised by Research and Information System for Developing Countries on 16th July, 2022.
- ADG presented a paper on Circular Economy in Fertilizer Sector in Lovraj Kumar Memorial Trust (LKMT) Conclave on 'India Aiming for a Circular Economy organized by IIChE (NRC) on 14th October, 2022.
- 14. ADG attended 29th Lovraj Kumar Memorial Lecture by Padma Bhushan Shri Shyam Saran, President, India International Centre, Formerly - Secretary, Ministry of External Affairs, Government of India on Energy Transition and Climate Change – The Race for our Planet's Survival on 24th November, 2022.
- ADG and Chief (Technical) attended the Post Budget Webinar on Green Growth organized by Ministry of Power, GOI on 23rd February, 2023.
- 16. Director (Agricultural Sciences) participated and chaired a Session in National Symposium on Major Agricultural Input Supply and Subsidy Mechanism in Nepal jointly organized by Indian Potash Limited, New Delhi and Salt Trading Corporation Limited, Nepal during 6-8 April, 2022 in Kathmandu, Nepal.
- 17. Director (Agricultural Sciences) participated in a Panel discussion on the topic Proposed Regulatory Changes in the Fertilizer Sector: Need and Expected Outcomes of National Crop Nutrition Summit held on 6th May, 2022 organized by Indian Micro-Fertilizers Manufacturers Association at India Habitat Centre, New Delhi.
- Director (Agricultural Sciences) joined the virtual discussion of South Asian Nitrogen Hub (SANH) on N Recovery from Waste Water and Combustion on 27th May, 2022.
- 19. Director (Agricultural Sciences) virtually attended the

curtain-raiser event for the Twenty-Second Edition of the World Sustainable Development Summit and Policy Showcase on Mainstreaming Sustainable Development held on 3rd June, 2022 organized by TERI.

- Director (Agricultural Sciences) virtually attended the meeting of IFA Working Group on Plant Nutrition Products on 13th June, 2022.
- Director (Agricultural Sciences) virtually delivered a lecture on Fertilizer Marketing and Distribution System in India on 31st August, 2022 in 122nd Refresher Training Course on Fertilizer Quality Control for Notified Fertiliser Analysts organized by CFQC&TI through Webinar (VC) held during 22nd August to 9th September, 2022.
- 22. Director (Agricultural Sciences) delivered a keynote address on Balanced Use of Fertilizers with Special Emphasis on Nano Urea to the SC/ST trainees of vocational training on Spray Techniques on 13th October, 2022 at CCSHAU, Krishi Vigyan Kendra, Palwal.
- 23. Director (Agricultural Sciences) attended a webinar on the Effects of Multiple Nanoparticles on Plants and Data from in Vitro and In situ on 23rd September 2022 organized by TERI-Deakin Nano biotechnology Centre (TDNBC) India and Deakin University, Australia in association with the Department of Biotechnology, Government of India under the DBT-TDNBC-DEAKIN-Research Network Across continents for learning and innovation (DTD-RNA) project.
- Director (Agricultural Sciences) virtually joined the Indo-Norwegian Marine Initiative event on 17th October, 2022.
- 25. Director (Agricultural Sciences) attended a meeting with Koch Agronomic Services, LLC representative, Dr. Greg Schwab, Vice President – Agronomy and Innovation on 2nd November, 2022 at Hotel Taj Palace, New Delhi regarding efficiency of NBPT as a Urease Inhibitor in different crops and cropping systems through multi-location.
- 26. Director (Agricultural Sciences) attended a meeting under the Chairmanship of Secretary (Fertilizers) held on 8th December, 2022, New Delhi wherein Ms. Neeraja Adidam, Additional Secretary, DOF made a presentation on the Regulatory Eco-system for Fertilizers.
- 27. Director (Agricultural Sciences) and Chief (Documentation and Information) attended The Kisan

Tak Summit on 14th March, 2023 organized by India Today Group which was graced by Hon'ble Minister of Animal Husbandry, Fisheries and Dairy, Mr. Parshottam Rupala at Little Theatre Group Auditorium, New Delhi.

- 28. Director (Marketing) participated in the National Symposium on Major Agricultural Input Supply and Subsidy Mechanism held during April 6-8, 2022 at Kathmandu, Nepal. He delivered two lectures in the symposium on Fertilizer Subsidy System in India, and International Fertilizer Scenario of Urea, DAP & MOP and Strategies for Ensuring Supply to Nepal.
- 29. Director (Marketing) along with Chairman of the FAI - Task Force on SSP met the Additional Secretary, DOF on March 1, 2023 and apprised her on the development of activities on account of collection of SSP samples from the retail points and testing thereof in the NABL accredited lab.
- 30. Chief (Technical) attended the National Workshop to present the findings of the study Potential for Switchover to Grid Power from Fossil Fuel Based Captive Generation and Fossil Fuel Based Industrial Processes organised by CII on 21st April, 2022.
- 31. Chief (Technical) virtually attended the awareness Programme on Demonstration of Energy Efficiency Project (DEEP) through which funding/subsidy for Projects for Designated Consumers (DCs) under PAT Scheme of BEE on 5th August, 2022.
- 32. Chief (Technical) attended the India's Specialty Chemicals Conclave - Making India Self Reliant & Local to Global' organized by ASSOCHAM on 24th March, 2023.
- 33. Chief (Statistics & IT) represented FAI in the virtual meeting of the IFA Working Group on Fertilizer Demand on July 26, 2022 and February 28, 2023.
- 34. Chief (Documentation and Information) and Agronomist attended a Workshop on Invigorating Organic Farming for Sustainable Food Systems and Aatmanirbhar Bharat under the Chairmanship of Secretary (Fertilizers) on 6th March, 2023 at Niti Aayog, New Delhi

Meetings

- 1. DG attended a meeting to discuss urgent issues of fertilizer sector held in DOF on 23rd August, 2022.
- 2. DG attended a meeting held under the Chairmanship of Secretary (Fertilizers) to discuss the prospects of coastal shipping and inland waterways in India on 9th September, 2022.



- - DG attended a meeting to discuss urgent issues of fertilizer sector on 14th September, 2022 held in DOF.
 - DG attended a meeting of the Inter Ministerial Committee held on 20th September, 2022 virtually held by Ministry of Mines to discuss participation in mining events abroad.
 - 5. DG attended a meeting to discuss the disposal of phosphogypsum on 2nd December, 2022 held in DOF.
 - DG attended a meeting of High Commissioner of Nauru with the Secretary (Fertilizers) on 15th March, 2023 for business opportunity of rock phosphate.
 - DG, ADG and Chief (Technical) along with Advocate attended the meeting in DOF to discuss the matter related to Court Case for compensation of Marketing Margin to urea units on 30th January, 2023.
 - DG and Director (Agricultural Sciences) attended Kisan Mela organized by School of Agriculture, MVN University, Palwal, Haryana on 23rd December, 2022 on the occasion of Rashtriya Kisan Diwas. DG, FAI was the Chief Guest.
 - DG and Director (Agricultural Sciences) attended the formal launch of Yara India's first Sustainability report on 31st January, 2023 in Royal Norwegian Embassy, Chanakyapuri, New Delhi.
 - ADG and Director (Agricultural Sciences) attended the virtual meeting of Central Fertilizer Committee, Ministry of Agriculture and Farmers' Welfare on 18th April, 2022.
 - ADG attended the Industry-Niti Aayog virtual meeting on Validation of Projections of Industry till 2047 using IESS tool on 22nd April, 2022.
 - ADG and Chief (Technical) attended the virtual Stakeholder consultation on Electrification Strategy for India organised by BEE on 10th May, 2022.
 - ADG attended the meeting to discuss the proposal for National Fertilizers University under the Chairmanship of Secretary (Fertilizers) on 26th May, 2022.
 - 14. ADG attended the IFA Phosphogypsum Working Group meeting virtually on 30th May, 2022.
 - ADG attended the Annual SAT meeting of IFA Sustainability Committee virtually on 31st May, 2022.
 - ADG attended CACP Meeting (VC) with Organizations on Rabi Price Policy, Marketing Season 2023-24 on 6th June, 2022.

- 17. ADG attended the meeting of Sub-committee to review the urea policies on 22nd June, 2022.
- ADG attended the meeting of the Committee to review urea policies 23rd June, 2022
- ADG and Chief (Technical) attended the virtual meeting with sector specific industry associations on implementation of Extended Producer Responsibility (EPR) under PWM Rules, 2016 organized by CPCB on 28th June, 2022.
- ADG attended the Meetings of Committee of the DOF constituted to revise the SSP Guidelines on 1st July, 2022 and 3rd August, 2022.
- ADG attended the virtual meeting of Standard Bidding Guidelines for Green Hydrogen Procurement on 7th July, 2022.
- 22. ADG chaired the virtual meeting of the Committee to suggest Roadmap for setting up of National Fertilizer University on 13th July, 2022.
- 23. ADG attended the meeting and made a presentation in DOF to discuss issues relating to compensation of additional cost for import of DAP on 1st August, 2022.
- 24. ADG, FAI alongwith representatives of industry had meeting with Secretary (Fertilizers) to discuss urgent issues of fertilizer sector on 14th September, 2022.
- 25. ADG attended meeting at DOF to discuss the disposal of phosphogypsum and its utilization under the circular economy concept on 2nd December, 2022.
- 26. ADG attended meeting at DOF to discuss the proposal of NBS model for urea on 10th January, 2023.
- 27. ADG attended virtual IFA PG/NORM Working Group meeting on 16th February, 2023.
- 28. ADG and Chief (Technical) attended the meeting in DOF on lifting of restriction of export of sulphuric acid used in production of phosphatic fertilizers on 22nd February, 2023.
- 29. ADG attended the meeting of High Commissioner of Nauru with the Secretary (Fertilizers) regarding exploitation of rock phosphate and its import from Nauru on 15th March, 2023.
- ADG attended the virtual meeting of SECI-Guidelines for Green Ammonia Procurement on 22nd February, 2023 and 22nd March, 2023.
- 31. Director (Agricultural Sciences) attended the virtual meeting of Commission for Agricultural Costs and Prices (CACP), Ministry for Agriculture & Farmers Welfare for formulating the Price Policy

for *Rabi* Crops Marketing Season 2023-24 on 6th June, 2022 held under the Chairmanship of Chairman, CACP.

- 32. Director (Agricultural Sciences) attended the meeting of CACP Ministry for formulating the Price Policy for *Kharif* Crops Marketing Season 2023-24 on 16th February, 2023 held under the Chairmanship of Chairman, CACP.
- Director (Marketing) attended the Stakeholder Meeting on Agriculture Sector for Standard National Action Plan for 2022-27 held on 18th August, 2022, New Delhi.
- 34. Director (Marketing) participanted in the three meetings of the committee constituted by the Department of Fertilizers to examine the matter of recovery related to import of ERP beyond the validity of permission and its use for production of SSP held on October 27 and November 2, 2022. The committee submitted the recommendations to the DOF on November 14, 2023.
- Chief (Technical) attended the virtual meeting of CHD
 33 Sectional Committee of Bureau of Indian Standards on 28th April, 2022.
- 36. Chief (Technical) and a few representatives from concerned member companies met Senior CPCB officials to discuss the issues related to Standard Operating Procedure (SOP) on utilization of ETP Sludge as filler in the DAP/NPK fertilizers on 11th May, 2022.
- Chief (Technical) attended the IFA Annual Sustainability Committee meeting virtually on 31st May, 2022.
- Chief (Technical) attended the 18th meeting of CHD 32 Sectional Committee of Bureau of Indian Standards on 7th June, 2022 virtually.
- Chief (Technical) attended the 29th meeting of Technical Expert Committee of CPCB held on 21st June, 2022.
- Chief (Technical) attended the 1st meeting of CHD 34:P14 Circular Economy Panel of Bureau of Indian Standards on 25th July, 2022.
- 41. Chief (Technical) attended the meeting of CHD 34 Environmental Management Sectional Committee of Bureau of Indian Standards on 29th July, 2022.
- Chief (Technical) attended the meeting of CHD 33 Sectional Committee of Bureau of Indian Standards on 5th August, 2022.
- 43. Chief (Technical) attended the CHD 32 Sectional

Committee of Bureau of Indian Standards on 29th September, 2022.

- Chief (Technical) attended meeting of CHD 35-Air Quality Sectional Committee of Bureau of Indian Standards on 21st December, 2022.
- 45. Chief (Technical) attended meeting of Stakeholder to discuss inclusion of 58 chemicals as mandatory QCO organized by Department of Chemicals and Petrochemicals on 23rd December, 2023.
- 46. Chief (Statistics & IT) attended meeting of Commission for Agricultural Cost and Prices (CACP), Ministry of Agriculture & Farmers Welfare, Government of India for formulating the price policy for *kharif* crops marketing season 2023-24 on 16th January, 2023 at Krishi Bhawan, New Delhi, held under the Chairmanship of Chairman, CACP.
- 47. Regional Heads regularly attended meetings such as review, pre-zonal conference, state advisory committee, etc., organized by the States Department of Agriculture of their respective regions.
- 48. Regional Head-WR regularly participated in meetings of Railway Fertilizer Industry Coordination Committees of the Western Railways. Five meetings (three on virtual platform and one on physical form) were held during 2022-23. Various issues related to wagon availability, loading/ unloading of rakes etc. are deliberated at length by the industry representatives for amicable solution by the Western Railways.
- 49. Regional Head-ER attended five meetings during 2022-23 on virtual platform of the Board of Directors of Sikkim IFFCO Organics Limited.
- 50. Regional Head-ER attended three meetings during 2022-23 on virtual platform of the Board of Studies of School of Agriculture and Allied Sciences, The Neotia University, South 24-Parganas, West Bengal.
- 51. Regional Head-ER met the Director of Agriculture, Government of Bihar on 20th September, 2022 regarding supply of fertilizers and problems related to fertilizer distribution and transportation. In the state.
- 52. Regional Head-ER attended a meeting on 25th August, 2022 at DRM's office, Sealdah, in connection with Creation of more facilities/ infrastructure.

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APPENDIX IV

TRAINING PROGRAMMES/ORIENTATION PROGRAMMES HELD DURING 2022-23

S. 1	No. Name of the programme		tual or City for ical programmes	No. of Participants	Inaugurated by
C	ORPORATE OFFICE				
1.	Key Facets of Fertilizer Sector	25-26 May, 2022	Virtual	37	Dr. S. Nand ADG, FAI, New Delhi
2.	Group Discussion on Operation and Maintenance Problems of Ammonia Plants	5-7 September, 2022	2 Goa	51	Mr. N. M. Kantak Executive Director ZACL,Goa
3.	Fertilizer and Food Security: Challenges and Way Forward	18-20 January, 2023	Goa	62	Mr. Arvind Chaudhary DG, FAI, New Delhi
4.	Group Discussion on Operation and Maintenance Problems of Urea Plants	1-4 February, 2023	Kota	66	Dr. S. Nand ADG, FAI, New Delhi
5.	International Supply Demand Balance Price Forecast and Indian Fertilizer Policies (in collaboration with S&P) Global Commodity Insights (Fertecon)	15-17 February,, 202	23 Bhubaneswar	67	Mr. K.J. Patel Unit Head and Director IFFCO, Paradeep
6.	Fertilizer Logistics – Port Handling Operations and Costal Shipping	13-16 March, 2023	Dubai	36	Mr. Arvind Chaudhary DG, FAI, New Delhi
7.	IIChE (NRC) & FAI Seminar on Recent Developments in Catalysis in Process Industry	21-22 March, 2023	New Delhi	90	Mr. Gaurav Mathur Managing Director CFCL, New Delhi
8.	Fertilizer Logistics – Port Handling Operations and Coastal Shipping	7-10 June, 2022	Visakhapatnam	56	Mr. Arvind Chaudhary Ex-Economic Adviser New Delhi
9.	Fertilizer Business Management	26-29 September, 2022	Goa	52	Mr. Arvind Chaudhary DG, FAI, New Delhi
S	DUTHRN REGION				
1.	Management Development Programme on Need for Paradigm Shift in Fertilizer Policy	12-15 April, 2022	SPIC Sagar Sad Tuticorin Tamil Nadu	an 53	Mr. S. R. Ramakrishnan WTD SPIC, Tuticorin
2.	Fertilizer Orientation Programme	27 April, 2022	College of Agriculture KA Vellayani Thiruvananthap		Dr. Anil Kumar Dean CoA, Vellayani
3.	Fertilizer Orientation Programme	17 June, 2022	SKCHS Anantapuramu	109	Dr. N. Shanker Reddy Director for Development and Advancement Anantapuramu
4.	Sustaining Soil Health through Integrated Nutrient Management	18 June, 2022	SKCHS Anantapuramu Andhra Pradesł	70 1	Dr. K. Padmalatha District Horticultural Officer Anantapuramu

S. I	No. Name of the programme		tual or City for No. o sical programmes Particip	8
5.	Fertilizer Policy for Sustaining Soil Health – Role of Fertigation	21 July, 2022	WTC, PJTSAU 117 Rajendranagar Hyderabad	Dr. V. Praveen Rao Vice Chancellor PJTSAU, Rajendranagar
6.	Fertilizer Orientation Programme	22 July, 2022	School of 195 Agriculture Loyola Academy Secunderabad	Rev.Fr. L. Joji Reddy Principal of Loyola Academy, Secundrabad
7.	Fertilizer Orientation Programme	10 August, 2022	College of 377 Agriculture GKVK campus Bangalore	Dr. N.B. Prakash Dean, COA Bangalore
	Dynamics of Soil Health Governance under Current Fertilizer Policy Environment	12 August, 2022	NBSS & LUP 63 Bangalore	Dr. Rajendra Hegde Regional Director of NBSS & LUP, Bangalore
).	Fertilizer Orientation Programme	14 September, 2022	CoA, KAU 102 Vallanikkara Kerala	Mr. Arvind Chaudhary DG, FAI, New Delhi
	Fertilizer Policy in India – Challenges and Opportunities	15 September, 2022	Cochin, Kerala 72	Mr. Arvind Chaudhary DG, FAI, New Delhi
	Soil Health Governance through Integrated Nutrient Management	17 September, 2022	ICAR – KVK 84 Vellanad, District Thiruvananthapuram Kerala	Mr. Arvind Chaudhary DG, FAI, New Delhi
2.	Fertilizer Orientation Programme	18 October, 2022	Agri. College 251 &RI, TNAU Vazhavachanur Tiruvannamalai Tamil Nadu	Dr. N. Muthukrishnan Dean, Agri. College Vazhavachanur
	Soil Health Enhancement through Organic Fertilizers and Balanced Use of Nutrients	19 October, 2022	ICAR – KVK 54 Elumichangiri Krishnagiri District Tamil Nadu	Dr. T. Sundarraj Senior Scientist and Head ICAR-KVK Elumichangiri
4.	Fertilizer Orientation Programme	17 November, 2022	Agricultural 190 College, PJTSAU Palem	Dr. Padmaja Director, PJTSAU
	Innovations in Plant Nutrition Management for Sustainable Agriculture	18 November, 2022	ICAR – KVK 63 Palem Nagarkurnool Telangana	Dr. B. Pushpavathi Dean, Agricultural College Palem
	Management Development Programme on Fertilizer Policy – Need for Reforms	21-24 December, 2022	Tuticorin 55 Tamil Nadu	Mr. Arvind Chaudhari DG, FAI, New Delhi
	Fertilizer Policy and Plant Nutrition Technologies for Sustainable Agriculture	27 January, 2023	ICAR - NBSS & 57 LUP, Bangalore	Dr. V. Rama Murthy Regional Director
8.	Fertilizer Orientation Programme	28 January, 2023	GPSIOAM 133 Bangalore	Dr. Senthil Kumar Dean, GPSIOAM Bangalore
	Seminar on Fertiliser (Control) Order – Provisions	24 February, 2023	Quality Inn 31 Sabari Grand Chennai	Mr. Manoharan Arun Deputy Director, RFCL, Chennai



S.]	No. Name of the programme		rtual or City for sical programmes	No. of Participants	Inaugurated by
W	ESTERN REGIONS				
1	Dealer Training Programme	15 July 2022	Jabalpur, M.P.	60	Dr. P.K. Bisen Vice Chancellor JNKVV, Jabalpur
2	Fertilizer Orientation Programme	16 July 2022	Jabalpur, M.P.	140	Dr. P K Bisen Vice Chancellor JNKVV, Jabalpur
3	Dealer Training Programme	17 August 2022	Baramati Maharashtra	86	Mr. Vaibhav Tambe Sub Divisional Agri Officer Baramati
4	Fertilizer Orientation Programme	18 August 2022	Baramati Maharashtra	200	Prof. S.P. Gaikwad Principal, College of Agriculture, Baramati
5	Dealer Training Programme	22 September 2022	Chhatisgarh	60	Mr. Arvind Chaudhary DG, FAI, New Delhi
5	Fertilizer Orientation Programme	23 September 2022	Raipur Chhattisgarh	75	Mr. Arvind Chaudhary DG, FAI, New Delhi
7	Dealer Training Programme	15 December 2022	Vadodara, Guja	arat 93	Mr. Arvind Chaudhary DG, FAI, New Delhi
8	Advanced Programme on Fertilizer Marketing	28-30 January 2023	Goa	36	Mr. Tom Kallingal Executive Director IFFCO, New Delhi
9	Workshop on SSP Industry : Way Forward	24 March 2023	Indore, M.P.	550	Mr. Arvind Chaudhary DG, FAI, New Delhi
E4	ASTERN REGION				
1	Abiotic Stress Management for Resilient Agriculture	26 August, 2022	Kolkata	40	Dr. S.P. Mohanty CMD, BVFCL, Namrup
2	Integrated Nutrient Management for Sustainable Development of Agriculture	21 September 2022	Patna	49	Mr. Arvind Chaudhary DG, FAI, New Delhi
3	Fertilizer (Control) Order 1985 - Recent Amendments and Implications	27 October, 2022	Guwahati	43	Mr. Arvind Chaudhary DG, FAI, New Delhi
4	Best Management Practices for Healthy Soil and Healthy Crops	24 November, 202	2 Ranchi	38	Swami Bhaveshananda Secretary, RKM, Morabadi Ranchi
5	Fertilizer Orientation Programme	15 December, 2022	2 Visva Bharati Sriniketan West Bengal	180	Dr. S.P. Mohanty, CMD BVFCL, Namrup

5. No. Name of the programme		ual or City for No. of cal programmes Participants	Inaugurated by		
NORTHERN REGION					
. Training Programme on Improving Professional and Personal Effectiveness	28 June - 1 July, 2022	Jim Corbett 68 National Park, Uttarakhand	Mr. Arvind Chaudhary Ex-Economic Adviser, Ministry of Ports, Shipping and Waterways, New Delhi		
2. Fertilizer Orientation Programme	25 August, 2022	Amritsar, Punjab 90	Mr. Arvind Chaudhary DG, FAI, New Delhi		
B. Dealer Training Programme	26 August, 2022	Amritsar, Punjab 101	Mr. Arvind Chaudhary DG, FAI, New Delhi		
. Dealer Training Programme	4 November, 2022	Jaipur, Rajasthan 94	Mr. Arvind Chaudhary DG, FAI, New Delhi		
. Dealer Training Programme	24 November, 2022	Lucknow, U.P. 106	Mr. Arvind Chaudhary DG, FAI, New Delhi		
. Training Programme on Improving Professional and Personal Effectiveness	27 February - 2 March, 2023	Jodhpur, Rajasthan 72	Mr. Arvind Chaudhary DG, FAI, New Delhi		
7. Fertilizer Orientation Programme	24 March, 2023	Kumarganj, 123 Ayodhya, U.P.	Dr. Bijendra Singh Vice Chancellor ANDUA&T, Kumarganj Ayodhya		

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ACTIVITIES - CORPORATE OFFICE



















ACTIVITIES - CORPORATE OFFICE











ACTIVITIES - REGIONAL OFFICE

















ACTIVITIES - REGIONAL OFFICE



















APPENDIX V

FAI AWARDS FOR 2022

I. FAI GOLDEN JUBILEE AWARDS

1. BEST PRODUCTION PERFORMANCE AWARDS

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

Winner

Indian Farmers Fertiliser Cooperative Limited, Aonla-I Runner-Up

Chambal Fertilisers and Chemicals Limited, Gadepan-III

B. Phosphoric Acid Plants

Winner Paradeep Phosphates Limited, Paradeep

C. Complex (P_2O_2) Fertilizer Plants

Winner

Indian Farmers Fertiliser Cooperative Limited, Paradeep

D. Single Super Phosphate Plants

Winner Coromandel International Limited, Ranipet

E. Improvement in Overall Performance of a Company

Winner Yara Fertilisers India Private Limited, Babrala

2. BEST TECHNICAL INNOVATION AWARD

Winner

Chambal Fertilisers and Chemicals Limited, Gadepan for innovation "Reclamation of Urea from Off-spec Neem Coated Urea".

II. AWARD FOR EXCELLENCE IN SAFETY

Winner

Shriram Fertilisers & Chemicals, Kota

Runner-Up Yara Fertilisers India Private Limited, Babrala

III. ENVIRONMENT PROTECTION AWARDS

A. Nitrogenous Fertilizer Plants (including ammonia, urea and other straight nitrogenous fertilizer units)

Winner

Indian Farmers Fertiliser Cooperative Limited, Aonla

Runner-Up Chambal Fertilisers and Chemicals Limited, Gadepan

B. NP/NPK Complex Fertilizer Plants with Captive Acids

Winner

Indian Farmers Fertiliser Cooperative Limited, Paradeep

C. NP/NPK Complex Fertilizer Plants without Captive Acids

Winner

Gujarat State Fertilizers & Chemicals Limited, Sikka

D. Single Super Phosphate Plants

Winner

Khaitan Chemicals & Fertilizers Limited, Nimrani *IV. VIDEO FILM COMPETITION AWARDS*

Winner

Hindalco Industries Limited, Mumbai for the film on "नए पंख नई उडान"

Runner-Up

R. M. Phosphates & Chemicals Private Limited, Indore for the film on **"Progressive Farming with Rising Daughters"**

V. AWARD ON PRODUCTION, PROMOTION AND MARKETING OF BIOFERTILIZERS/ORGANIC FERTILIZERS/CITY COMPOST

Winner

Indian Farmers Fertiliser Cooperative Limited, New Delhi

VI. FAI AWARD FOR INNOVATIVE WORK ON TRANSFER OF IMPROVED FARM TECHNOLOGIES

Winner

Indian Farmers Fertiliser Cooperative Limited, New Delhi

VII. AWARD ON PROMOTION AND MARKETING OF MICRONUTRIENTS IN INDIA

Joint Winners

Coromandel International limited, Secunderabad and

Indian Farmers Fertiliser Cooperative Limited, New Delhi

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

Winner

Dr. A.K. Shukla and Dr. S. K. Behera, ICAR-Indian Institute of Soil Science, Bhopal

Dr. Arvind Kumar Shukla and Dr. Sanjib Kumar Behera made excellent contributions in the field of plant nutrition by undertaking research in the areas of soil health appraisal with special reference to spatial and temporal distribution of nutrients for precise prescription, development of soil management zones for efficient nutrient use, evaluation of crop responses to nutrients, development of balanced/ integrated nutrient management strategies for sustaining soil health, development of site-specific nutrient management strategies for enhancing nutrient use efficiency, identification of genetically/agronomically nutrient efficient genotypes of different crops, reestablishment of the critical limits of micro and secondary nutrients under different soil-crop conditions for revising nutrient recommendations and devising Best Management Practices (BMP) for micro and secondary nutrients. Their contribution in development of taluka/block wise georeferenced soil micro and secondary nutrients fertility maps of 640 districts covering different agro-ecological regions

of India to assess soil health and multi-nutrient deficiency and for site-specific fertilizer prescription for better plant nutrition and sustainable crop productivity and taking policy decision for fertilizer distribution in different blocks, and generation of new sulphur and micronutrients fertilizer recommendations for different soil-crop situations is commendable. Their work on agronomic biofortification and establishment of link between soil Zn status with animal/ human health is a novel concept to reduce malnutrition and improve animal/human health.

IX. FAI AWARD FOR OUTSTANDING DOCTORAL RESEARCH IN FERTILIZER USAGE

Winner

Dr. Shiv Vendra Singh, G.B. Pant University of Agriculture & Technology, Pantnagar

Dr. Shiv Vendra Singh did his Ph. D on "Rice Residue- Based Biochar and Biourea for Enhancing Nitrogen Efficiency, Soil Health and Climate Resilience under Rice-Wheat System" from the Gobind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India. Dr Singh developed rice residue derived biochar based slow-release nitrogenous fertilizers (BSRNFs) through intercalation and coating of urea along with nitrification inhibitors. Further, he evaluated the impact of residue recycling as biochar and BSRNFs on nitrogen use efficiencies, soil quality and GHGs emission & carbon footprint under rice wheat cropping system. He observed that all the BSRNFs showed sustained N release and significantly increased nitrogen use efficiency. Dr Singh also quantified the effects of BSRNFs significant improvement in soil health and nutrient availabilities. Besides the above findings, he documented significant impact of BSRNFs on carbon footprint by reducing nearly CO₂, CH₄ and N₂O emissions besides significantly increasing soil C stock and productivity. Based on sustained research, he found that the fertilizer developed by using biodegradable biochar through interaction and surface coating can be eco-friendly approach to use imparting agricultural and environmental sustainability.

X. BEST ARTICLE AWARDS

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

First Prize

Mr. Gurpur Raghavendra and Mr. Gopi Krishna Menon, Mangalore Chemicals & Fertilizers Limited, Mangaluru for their article entitled **Slowing down the Ageing of Transformer Kraft Paper Insulation using Synthetic Ester Dielectric Fluid** published in the June, 2022 issue of *Indian Journal of Fertilisers*.

Second Prize

Mr. Bedeshwar Mishra and Mr. Pramod Kumar Sharma, Yara Fertilisers India Private Limited, Babrala for their article entitled **"Management of Heat Stress in Industries"** published in the March, 2022 issue of *Indian Journal of Fertilisers*.

B. SHRIRAM AWARDS IN MARKETING

First Prize

Mr. K.N. Joshi, Indian Farmers Fertiliser Cooperative Limited, New Delhi for his article entitled **Current Global Scenario of Fertilizers & Raw Materials: Challenges & Opportunities for Indian Fertilizer Sector** published in the March 2022 issue of *Fertiliser Marketing News*.

Second Prize

Mr. A.K. Gupta, Indian Farmers Fertiliser Cooperative Limited, New Delhi and Mr. Kamalakanth Kalyankari, IFFCO eBazar Limited, New Delhi for their article entitled **E-Commerce in Agri Inputs – The Way forward** published in the September, 2022 issue of *Indian Journal of Fertilisers*.

C. DHIRU MORARJI MEMORIAL AWARD IN AGRICULTURAL SCIENCES

First Prize

Dr. J.C. Katyal, Ex-Vice Chancellor, C.C.S, Haryana Agricultural University, Hisar and Dr. S.K. Chaudhari, DDG (NRM), ICAR-KAB II, New Delhi for their article entitled **Do Fertilizers Protect or Punish Soil Health?** published in the December, 2021 issue of *Indian Journal of Fertilisers*.

Second Prize

Dr. Tapas Bhattacharyya, Ex- Vice Chancellor, Dr. B.S.K.K.V, Dapoli, Maharashtra for his article entitled **Soil Science Research, Information & Communication Technology and New Agricultural Education Policy: Issues and Perspectives** published in the February, 2022 issue of *Indian Journal of Fertilisers*.

D. SHRIRAM KHAD PATRIKA AWARD (HINDI)

First Prize

Dr. Jagmohan Saini and Dr. Naresh Prasad, Chambal Fertilisers and Chemicals Ltd., Kota, for their article entitled

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mi; **X** published in the November, 2021 issue of *Khad Patrika*.

Second Prize

Dr. S.N. Singh, ICAR-Indian Institute of Sugarcane Research, Lucknow for his article entitled

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published in the December, 2021 issue of Khad Patrika.

and

Dr. J.S. Mishra and Dr. V.K. Choudhary, ICAR-Directorate of Weed Research, Jabalpur for their article entitled रबी फसलों मे खरपतवार प्रबंधन

published in the September, 2022 issue of Khad Patrika.



Award Winners



Winner : IFFCO, Aonla-I Mr. Rakesh Puri, Senior Executive Director, receiving the award

FAI Best Production Performance Award - Nitrogenous (Ammonia - Urea) Fertilizer Plants



Runner-up : Chambal Fertilisers and Chemicals Limited, Gadepan-III Mr. Vishal Mathur, Assistant Vice President, receiving the award



Winner : Paradeep Phosphates Limited, Paradeep Mr. Pranab Bhattacharyya, Chief Manufacturing Officer, receiving the award





Winner : IFFCO, Paradeep Mr. K.J. Patel, Director, receiving the award



Winner : Coromandel International Ltd., Ranipet Mr. Rajesh Kumar Pastiya, Associate Vice President, receiving the award

FAI Best Production Performance Award - Improvement in Overall Performance of a Company



Winner : Yara Fertilisers India Private Ltd., Babrala Mr. Maya Shankar Prasad, Vice President (Manufacturing), receiving the award



Award Winners

FAI Best Technical Innovation Award



Winner : Chambal Fertilisers and Chemicals Limited, Gadepan Mr. U.R. Singh, Vice President (Works), receiving the award

FAI Award for Excellence in Safety



Winner : Shriram Fertilisers and Chemicals, Kota Mr. Ashwani Kaul, Vice President, receiving the award



Runner-up : Yara Fertilisers India Private Ltd., Babrala Mr. Bedeshwar Mishra, Asst. General Manager (Fire & Safety), receiving the award





Winner : IFFCO, Aonla Mr. S.C. Gupta, Senior General Manager (Production), receiving the award



Runner up : Chambal Fertilisers and Chemicals Ltd., Gadepan Mr. Tarun Paul, General Manager (Mechanical & Civil), receiving the award

FAI Best Environment Protection Award - NP/NPK Complex Fertilizer Plants with Captive Acids

Winner : IFFCO Paradeep Mr. R. K. Pandey, General Manager (Production), receiving the award


Award Winners



Winner : Gujarat State Fertilizers & Chemicals Ltd., Sikka Mr. Mukesh Puri, Managing Director, receiving the award



Winner : Khaitan Chemicals & Fertilizers Limited, Nimrani Mr. Shilesh Khaitan, Chairman and Managing Director, receiving the award



Winner : Hindalco Industries Limited, Mumbai Mr. Sanjay Srivastava, Head (Sales & Marketing), receiving the award



Runner-Up : R.M. Phosphates & Chemicals Private Ltd., Indore Mr. Vineet Jain, Managing Director, receiving the award



Winner : IFFCO, New Delhi Mr. Abhimanyu Rai, State Marketing Manager, U.P., receiving the award

FAI Award for Innovative Work on Transfer of Improved Farm Technologies



Winner : IFFCO, New Delhi Dr. Narayanaswamy C., State Marketing Manager, Karnataka, receiving the award



Award Winners



Joint Winners : Coromandel International Limited, Secunderabad & IFFCO, New Delhi Dr. Binaya Kumar Parida, Chief Agronomist & Associate Vice President, CIL, Secunderabad, receiving the award



Joint Winners : IFFCO, New Delhi & Coromandel International Limited, Secunderabad Mr. R.S. Tiwari, State Marketing Manager, IFFCO, Chhattisgarh, receiving the award



Winner : Dr. A.K. Shukla and Dr. S. K. Behera, ICAR-Indian Institute of Soil Science, Bhopal Dr. A.K. Shukla, receiving the award



Winner : Dr. Shiv Vendra Singh, G.B. Pant University of Agriculture & Technology, Pantnagar, receiving the award

BEST ARTICLE AWARDS



First Prize : Mr. Gurpur Raghavendra and Mr. Gopi Krishna Menon, Mangalore Chemicals & Fertilizers Ltd., Mangaluru, Mr. Gurpur Raghavendra, receiving the award

Rashtriya Chemicals & Fertilizers Limited Awards in Production and Technology

Second Prize : Mr. Bedeshwar Mishra & Mr. Pramod Kumar Sharma, Yara Fertilisers India Private Limited, Babrala Mr. Bedeshwar Mishra, receiving the award



Award Winners



First Prize : Mr. K.N. Joshi, Indian Farmers Fertiliser Cooperative Ltd., New Delhi, receiving the award

Shriram Awards in Marketing



Second Prize : Mr. A.K. Gupta, IFFCO, New Delhi and Mr. Kamalakanth Kalyankari, IFFCO eBazar Ltd., New Delhi Mr. Kamalakanth Kalyankari, receiving the award



First Prize : Dr. J.C. Katyal, C.C.S. Haryana Agriultural University, Hisar and Dr. S.K. Chaudhari, ICAR-KAB II, New Delhi Dr. S.K. Chaudhari, receiving the award

Dhiru Morarji Memorial Awards in Agricultural Sciences



Second Prize : Dr. Tapas Bhattacharyya, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Maharashtra (He was not present)



Award Winners



First Prize : Dr. Jagmohan Saini and Dr. Naresh Prasad, Chambal Fertilisers and Chemicals Ltd., Kota Dr. Jagmohan Saini, receiving the award

Shriram Awards in Khad Patrika (Hindi)



Second Prize (Joint Winner) : Dr. S.N. Singh, ICAR-Indian Institute of Sugarcane Research, Lucknow, receiving the award



Second Prize (Joint Winner) : Dr. J.S. Mishra and Dr. V.K. Choudhary, ICAR-Directorate of Weed Research, Jabalpur, Dr. J.S. Mishra, receiving the award

Award for Progressive Producer and Marketer of Crop Nutrient Solutions



Mr. Dinesh Patel, Chairman & Managing Director, Narmada Bio-Chem Limited, Ahmedabad, receiving the award





Dr. Bakshi Ram, Ex-Director, ICAR-Sugarcane Breeding Institute, Coimbatore, receiving the award for the year 2021-22, for his breakthrough contributions in the field of Sugarcane Research and Development



Mr. K.L. Singh, Ex-Director, IFFCO, receiving the award for the year 2021-2022, for his outstanding contribution to the growth and development of fertilizer industry



APPENDIX VI

FAI PUBLICATIONS

CORPORATE OFFICE

MONTHLY JOURNALS

1.	Indian Journal of Fertilisers	12 issues
2.	Fertiliser Marketing News	12 issues
3.	FAI Abstract Service	12 issues
4.	Khad Patrika (Hindi)	12 issues
ANI	NUAL PUBLICATIONS	
1.	Annual Review of Fertilizer Production and Consumption-2021-22	September 2022
2.	Fertiliser Statistics – 2021-22	November 2022
3.	Specialty Fertiliser and Micronutrient Statistics – 2021-22	November 2022
4.	Biofertiliser Statistics – 2021-22	November 2022
5.	Pre-prints of FAI Seminar Papers – 2022	December 2022
REG	SIONAL PUBLICATIONS	
1.	EASTERN	
	 Newsletter State-wise, District-wise Statistical Bulletins Saar Samachar (Bengali) Saar Batori (Assamese) Saar Barta (Oriya) Fertiliser and Agriculture Statistics 	Monthly Monthly Quarterly Quarterly Quarterly Annual
2.	NORTHERN	
	- Newsletter - Fertiliser and Agriculture Statistics	Monthly Annual
3.	SOUTHERN	
	- Newsletter - Fertiliser and Agriculture Statistics	Monthly Annual
4.	WESTERN	
	- Newsletter - Fertiliser and Agriculture Statistics	Monthly Annual



FAI PUBLICATIONS



APPENDIX VII

FAI ADVISORY/REGIONAL COMMITTEE MEETINGS 2022-23

Advisory Committee	Chairman No.	of Meetings Held
Agricultural Sciences	Dr. S.K. Chaudhari, DDG (INM), ICAR,New Delhi	2
Environment	Mr. Rajan Kanwar, Director (Technical), NFL, Noida	1
Marketing	Mr. Gaurav Mathur, Managing Director, CFCL, New Delhi (Now Mr. U. Sarvanan, CMD, NFL, Noida)	2
Policy, Finance & Taxation	Mr. Arvind Chaudhary, Director General, FAI, New Delhi	2
SSP	Mr. Shailesh Khaitan, Chairman and Managing Director, KCFL, New Delhi (Now Mr. Dinesh Patel, MD, Narmada Bio-chem Limited, Ahmedabad)	2
Technical	Mr. S.R. Ramakrishnan, Whole Time Director, SPIC, Chenn (Now Mr. R.K. Chopra, MD, KRIBHCO Fertilizers, Noida)	ai 1
Information and Communication	Mr. Arvind Chaudhary, Director General, FAI, New Delhi	1
Regional Committees		
East	Dr. S.P. Mohanty, CMD, BVFCL and HURL, Assam	3
North	Mr. Sanjiv Kanwar, Managing Director, Yara Fertilisers India Pvt. Ltd., Gurugram	1
South	U. Saravanan, CMD, MFL, Chennai	4
West	Mr S.V. Varma, Executive Director (Agri-Business), GSFC, Gujarat	2

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APPENDIX VIII

ADVISORY COMMITTEES

1. AGRICULTURAL SCIENCES

Chairman

Dr. S.K. Chaudhari Deputy Director General (NRM) Indian Council of Agricultural Research Krishi Anusandhan Bhawan II Room No. 112, Pusa Campus, IARI New Delhi - 110 012

Member

Dr. A. Velmurugan ADG (Soil and Water Management) Indian Council of Agricultural Research Krishi Anusandhan Bhawan II Room No. 106, Pusa Campus, IARI New Delhi - 110 012

Dr. P.P. Biswas Emeritus Scientist (NRM Division) Indian Council of Agricultural Research Krishi Anusandhan Bhawan II New Delhi - 110 012

Dr. Y.R. Meena Additional Commissioner (Extension & INM) Department of Agriculture & Farmers Welfare Ministry of Agriculture & Farmers Welfare Room No. 347, Krishi Bhavan New Delhi - 110 001

Dr. A.K. Vyas Assistant Director General (HRM) Indian Council of Agricultural Research Krishi Anusandhan Bhawan-II Pusa Campus, IARI, New Delhi - 110 012

Mr. V.S. Sirohi Managing Director KRIBHCO Agri Export A-8/A, 10, Sector-1 District Gautam Budh Nagar Noida - 201 301, Uttar Pradesh

Mr. V.K. Tomar General Manager (Marketing) Krishak Bharati Cooperative Ltd. A-8/A, 10, Sector-1,District Gautam Budh Nagar Noida - 201 301, Uttar Pradesh

Mr. Shyam Babu Director Central Fertilizer Quality Control & Training Institute Ministry of Agriculture & Farmers Welfare NH-IV, Faridabad - 121 001, Haryana Dr. S.K. Bansal Director Potash Research Institute of India Sector-19, Delhi-Gurgaon Road Dundahera, Gurgaon - 122 016, Haryana

Dr. U.S. Teotia Chief Manager (Agricultural Services) Indian Potash Ltd. 'Potash Bhavan', 10-B, Rajendra Park Pusa Road, New Delhi - 110 060

Dr. M.L. Jat Global Research Program Director Resilient Farm and Food Systems ICRISAT, Patancheru - 502 324, Telangana

Dr. Amit Rastogi Executive Vice President – Technology Coromandel International Limited Coromandel House 1-2-10, Sardar Patel Road Secunderabad - 500 003

Mr. Yogendra Kumar Marketing Director Indian Farmers Fertiliser Cooperative Limited 'IFFCO Sadan', C-1, District Centre Saket Place, New Delhi - 110 017

Mr. A. Nasara Reddy Senior Vice President (DSB) Nagarjuna Fertilizers and Chemicals Ltd. Nagarjuna Hills, Punjagutta Hyderabad - 500 082, Telangana

Dr. R.N. Pandey Head, Division of Soil Science & Agricultural Chemistry ICAR-Indian Agricultural Research Institute New Delhi - 110 012

Dr. Raj Singh Head, Division of Agronomy ICAR-Indian Agricultural Research Institute New Delhi - 110 012

Dr. B.P. Bhaskar Director, ICAR-National Bureau of Soil Survey and Land Use Planning, Amravati Road Nagpur - 440 033, Maharashtra

Dr. V.K. Singh Director ICAR-Central Research Institute for Dryland Agriculture, PO Saidabad, Santoshnagar Hyderabad - 500059, Telangana

Dr. Gagnesh Sharma, Director National Centre of Organic Farming Department of Agriculture and Farmers Welfare Ministry of Agriculture & Farmers Welfare Kamla Nehru Nagar, Ghaziabad, Uttar Pradesh

Mr. Anil Motsara Executive Director (Marketing) National Fertilizers Limited A-11, Sector 24, Noida - 201 301, Uttar Pradesh

Dr. K. K. Singh Head-Agri Services and R&D Zuari Agro Chemicals Limited Adventz Centre, 3rd Floor, No. 28 Union Street, Off Cubbon Road Bengaluru - 560 001, Karnataka

Dr. Pradip Dey Project Coordinator Soil Test & Crop Response ICAR-Indian Institute of Soil Science Nabibagh, Berasia Road, Bhopal - 462 038 Madhya Pradesh

Dr. Sunil Kumar Director ICAR-Indian Institute of Farming Systems Research Modipuram – 250 110 Meerut, Uttar Pradesh

Dr. S.P. Datta Director ICAR-Indian Institute of Soil Science Nabibagh, Berasia Road, Bhopal - 462 038, Madhya Pradesh

Mr. S. Narayanan Whole Time Director (Marketing) Greenstar Fertilizers Ltd. 7th Floor, SPIC House 88, Mount Road, Guindy Chennai – 600 032, Tamil Nadu

Mr. Naresh Deshmukh Executive Vice President-Head Sales & Marketing Mahadhan AgriTech Limited Sai Hira Complex, S. No. 93, Mundhwa Pune - 411 036, Maharashtra

Mr. Manish Billore Addl. General Manager Gujarat Narmada Valley Fertilizers & Chemicals Limited P.O.: Narmadanagar – 392 015 District: Bharuch, Gujarat Dr. Soumitra Das Director, South Asia - Zinc Nutrient Initiative International Zinc Association G1&5, Ground Floor, Allied Bhawan Plot No.9, LSC, Pushp Vihar New Delhi – 110 062

Dr. Shashikant N Bhende General Manager (Agronomy & K-Mag Product Dev) Mosaic India Private Limited 11th Floor, DLF Cyber City Building 8C DLF Phase 2, Gurugram - 122 002, Haryana

Dr. Surender Roperia Head – Sales & Marketing K+S Fertilizers(India) Pvt. Ltd. Office No. 411, 4th Floor Good Earth Business Bay Sector 58, Gurugram Haryana – 122 098

Dr. S.D. Attri Head, Agromet Advisory Services Division & Scientist 'G' India Meteorological Department Ministry of Earth Sciences Room # 503, Fifth Floor, Satmet Building Mausam Bhawan, Lodi Road New Delhi – 110 003

Mr. Bidhan Sinha Vice President-SCM & Corporate Affairs Indorama India Private Limited P.S. Srijan Tech Park, DN-52 Unit No. A&B, 14th Floor Salt Lake, Sector V Kolkata – 700 091, West Bengal

Mr. Virendra Goswami Country Manager- India Tessenderlo Kerley International 1st Floor, Tower B Unitech Business Park, South City-1 Sector 41, Gurugram - 122 001, Haryana

Mr. Mahadev Suvarna Vice President – Speciality Plant Nutrition SFS Shriram Fertilisers & Chemicals Kirti Mahal, 19, Rajendra Place New Delhi – 110 008

Mr. Sohan Lal Vice President (Sales & Distribution) Matix Fertilizers and Chemicals Ltd. Flat No. 405, 4th Floor Ashoka Estate Building 24, Barakhamba Road New Delhi – 110 001



Dr. Yashpal S. Saharawat Principal Scientist and Country Program Manager International Fertilizer Development Center F-215, Sector 57 Gurugram - 122 002, Haryana

Dr. Subhendu Bhadraray GM R&D, Head Crop Nutrition Research Rallis Innovation Chemistry Hub Rallis India Limited No. 73/1C & 1D Byregowda Industrial Estate Srigandhanagar, Hegganahalli Peenya, Bangalore - 560 091, Karnataka

Dr. Shailendra Pratap Singh Sr. Agronomist – Fertilizer plus (India) ICL Fertilizers India PVT Ltd. 306, Tower A, Millennium Plaza, Sector 27 Gurugram – 122 002, Haryana

Mr. V. Vinay Chief Sustainability Officer Paradeep Phosphates Limited Adventz Centre, 3rd floor No. 28, Union Street, Off Cubbon Road Bangalore - 560 001, Karnataka

Mr. Rajesh Sahani AGM (SCM) Yara Fertilisers India Pvt. Ltd. # 502, Global Business Square Plot No 32 Sector 44, Gurugram - 122 002 Haryana

2. ENVIRONMENT

Chairman

Mr. Rajan Kanwar Director (Technical) National Fertilizers Limited A-11, Sector-24 Distt. Gautam Budh Nagar Noida - 201 301, Uttar Pradesh

Members

Mr. Srirup Sarkar Deputy General Manager (TS) Brahmaputra Valley Fertilizer Corp. Ltd. Namrup, P. O. Parbatpur - 786 623 District Dibrugarh, Assam

Mr. Dinabandhu Gouda Divisional Head, IPC-I Central Pollution Control Board Parivesh Bhawan CBD-cum-Office Complex East Arjun Nagar, Delhi - 110 032 Mr. U.R. Singh Vice President (Works) Chambal Fertilisers & Chemicals Ltd. P. O. Gadepan - 325 208, District Kota Rajasthan

Mr. M Srinivasa Raju Associate Vice President-Corporate EHS (Nutrition Business) Coromandel International Limited Post Box No. 1116, Sriharipuram Malkapuram Post, Visakhapatnam - 530 011 Andhra Pradesh

Mr. K.K. Sharma Whole Time Director (EHS) DCM Shriram Ltd. 5th Floor, Kanchenjunga Building 18, Barakhamba Road, New Delhi - 110 001

Mr. Bimal L. Goculdas Managing Director DMCC Specialty Chemicals Limited Prospect Chambers, 317/21, Dr. D.N. Road Mumbai - 400 001, Maharashtra

Mr. Rajendra Sankhe Chief Operating Officer Indorama India Private Limited P. O. Jagdishpur Industrial Area - 227 817 District Amethi, Uttar Pradesh

Mr. Y.N. Patel HOD (O&M) Gujarat Narmada Valley Fertilizers & Chemicals Limited P. O. Narmadanagar - 392 015 District Bharuch, Gujarat

Mr. K.S. Badlani Senior Vice President (I&M Bureau, IMS, U&EC & Fibre Unit) Gujarat State Fertilizers & Chemicals Ltd. P. O. Fertilizernagar - 391 750 District Vadodara, Gujarat

Mr. Nishit Dave General Manager Hindalco Industries Limited (Unit : Birla Copper), AT & P.O. Dahej - 392 130 District Bharuch, Gujarat

Mr. Birinder Singh Director (CRS) Indian Farmers Fertiliser Cooperative Ltd. IFFCO Sadan, C-1, District Centre, Saket Place New Delhi - 110 017

Mr. C.S. Prasad Chief Operating Officer Indorama India Pvt. Limited Haldia, Midnapore (W) – 721 606 West Bengal

Mr. Jagat Sharma Chief Manufacturing Jubilant Agri and Consumer Products Limited Bhartiagram, Gajraula District Amroha - 244 223, Uttar Pradesh

Mr. Devinder Singh Ahuja Director Kanpur Fertilizers & Chemicals Limited Jaypee Corporate Office "NIRMAN SADAN" Tower-2, Ground Floor, Sector - 128 Noida - 201 304, Uttar Pradesh

Mr. Adesh Kumar Singh Assistant General Manager (Env. & QC) Kribhco Fertilizers Ltd. Village & Post Office: Piprola Shahjahanpur - 242 001 Uttar Pradesh

Mr. Pravendra Singh Joint General Manager (Production) Krishak Bharati Cooperative Ltd. Hazira Fertilizer Complex P.O. KRIBHCO Nagar Surat - 394 515, Gujarat

Mr. H. Gunasekaran General Manager-Plant Madras Fertilizers Limited Manali, Chennai - 600 068, Tamil Nadu

Mr. S. Girish Chief manufacturing Officer Mangalore Chemicals & Fertilizers Ltd. P. B. No. 18, Panambur Mangalore - 575 010, Karnataka

Dr. Rabindra Nath Sahu General Manager - EHS Matix Fertilizers & Chemicals Ltd. Panagarh Industrial Park, Panagarh Purba Bardhaman - 713 169 West Bengal

Mr. R. Raghavan Senior Vice President (Urea Manufacturing) Nagarjuna Fertilizers & Chemicals Ltd. Nagarjuna Hills, Punjagutta Hyderabad – 500 082 Telangana

Mrs. Ritu Goswami General Manager (Technical) National Fertilizers Limited A-11, Sector 24, Noida - 201 301 Uttar Pradesh Mr. Pranab Bhattacharyya Chief General Manager (Operation) Paradeep Phosphates Limited PPL Township, Paradeep - 754 145 District Jagatsinghpur, Odisha

Mr. Nilesh Dessai Chief Manufacturing Officer – Goa Unit Paradeep Phosphates Limited Jai Kisaan Bhawan, Zuarinagar - 403 726, Goa

Mr. Sanjay L. Nandanwar Deputy General Manager (HSE) Rashtriya Chemicals & Fertilizers Ltd. Thal Unit, Taluk Alibag District Raigad - 402 208, Maharashtra

Mr. Neti Subrahmanyam AVP-EHS & Sustainability Mahadhan AgriTech Limited Plot K-1, MIDC Industrial Area Taloja A. V., District Raigad - 410 208 Maharashtra

Mr. P. Senthil Nayagam General Manager (Works) Southern Petrochemical Industries Corporation Ltd. SPIC Nagar, Tuticorin - 628 005 Tamil Nadu

Dr. Jayachandran K Director (Technical) The Fertilisers and Chemicals Travancore Ltd. Eloor, Udyogamandal Kochi – 683 501, Kerala

Mr. Bhartandra Chandra Gaur Head EMC Yara Fertilisers India Pvt. Ltd. Indira Dham, P.O. Babrala District Sambhal – 242 021, Uttar Pradesh

3. INFORMATION AND COMMUNICATIONS

Chairman

Mr. Arvind Chaudhary Director General The Fertiliser Association of India FAI House, 10 Shaheed Jit Singh Marg New Delhi - 110 067

Members

Dr. S. C. Bhan Scientist 'G' Additional Director General Agromet Advisory Services Division India Meteorological Department Ministry of Earth Sciences Mausam Bhawan, Lodhi Road New Delhi – 110 003



Mr. Aseem Gupta Head and Senior Technical Director National Informatics Centre Ministry of Communications & IT A – Block, CGO Complex II Lodhi Road, New Delhi – 110 003

Mr. Jitendra Sakalani Head, Marketing, Strategy and Innovation Chambal Fertilisers & Chemicals Limited Corporate One, First Floor 5, Commercial Center, Jasola New Delhi -110 025

Mr. P. C. Paliwal Vice President (IT) Indorama India Private Limited Jagdishpur Industrial Area- 227 817 Dist. Amethi, Uttar Pradesh

Mr. A. K. Gupta Director (IT Services) Indian Farmers Fertiliser Cooperative Limited IFFCO Sadan, C-1, District Centre Saket Place, New Delhi - 110 017

Ms. M. Nalini Additional General Manager (Accounts) Indian Potash Limited Floor 1, Seethakathi Business Centre # 684-690, Anna Salai Chennai-600 006, Tamil Nadu

Mr. Navneet K. Saxena Senior Vice President - Commercial Kanpur Fertilizers and Chemicals Limited Jaypee Associates Ltd. Sector-128 Noida – 201 304, Uttar Pradesh

Mr. C. S. Azad General Manager (Projects) Krishak Bharati Cooperative Limited A-10, Sector-1 Noida – 201301, Uttar Pradesh

Mr. Rohit Mathur General Manager Mosaic India Private Limited Building 8C, 11th Floor DLF Cyber City Gurugram – 122 002, Haryana

Mr. Anil Motsara Executive Director (Marketing) National Fertilizers Limited A-11, Sector-24 Noida – 201 301, Uttar Pradesh Mr. Alok Saxena General Manager – Risk & IT Paradeep Phosphates Limited Adventz Centre, 3rd Floor, No. 28 Union Street, Off Cubbon Road Bangalore - 560 001 Karnataka

Ms. Manisha Narang Additional General Manager & HOD (Planning & MR and Environment) Projects & Development India Limited PDIL Bhavan, A-14, Sector -1 Post Box No. 125 Noida –201 301, Uttar Pradesh

4. MARKETING

Chairman

Mr. U. Saravanan Chairman & Managing Director National Fertilizers Limited A-11, Sector-24, Noida - 201 301, Uttar Pradesh

Members

Mr. Satyajeet Misra General Manager (Marketing) Brahmaputra Valley Fertilizer Corporation Limited Corporate Marketing Office, Namrup Dist. Dibrugarh - 786 623, Assam

Mr. A.K. Srivastava Vice President - Marketing Chambal Fertilisers and Chemicals Limited 'Corporate One', 1st Floor 5 Commercial Centre, Jasola New Delhi - 110 025

Mr. Madhab Adhikari VP& Head – Marketing (Fert & SSP) Coromandel International Limited 'Coromandel House' 1-2-10, Sardar Patel Road Secunderabad - 500003, Telangana

Mr. S. Narayanan Whole Time Director - Marketing Greenstar Fertilizers Limited 7th Floor, 'SPIC House' 88, Mount Road, Guindy Chennai - 600 032, Tamil Nadu

Mr. Manish Billore Additional General Manager (Marketing) Gujarat Narmada Valley Fertilizers & Chemicals Limited P.O. Narmadanagar Bharuch - 392 015, Gujarat

Mr. Sanjeev V. Varma Executive Director (Agribusiness) Gujarat State Fertilizers & Chemicals Limited P.O. Fertilizernagar - 391 750 Vadodara Gujarat

Mr. Sanjay Srivastava General Manager Hindalco Industries Limited (Unit - Birla Copper) 3rd Floor, The Park, Akshar Chowk O.P. Road, Vadodara – 390 020 Gujarat

Mr. Yogendra Kumar Marketing Director Indian Farmers Fertiliser Cooperative Limited 'IFFCO Sadan', C-1, District Centre Saket Place, New Delhi - 110 017

Mr. Sudheer Relan General Manager (Marketing) Indian Potash Limited 'Potash Bhawan', 10-B, Rajendra Park Pusa Road, New Delhi - 110 060

Mr. Dileep Singh Chief Marketing Officer Indorama India Private Limited P.S. Srijan Tech Park Unit No. A&B, 14th Floor Plot No. DN-52, Sector V, Salt Lake Kolkata-700091, West Bengal

Mr. C. Narasimha Reddy Vice President & BU Head Agri. Jubilant Agri and Consumer Products Limited Plot No: 142, Chimes, 3rd Floor Sector-44 Gurugram - 122 003, Haryana

Mr. Rajeev Gupta Vice President (Marketing) Kanpur Fertilizers & Chemicals Limited JIIT Campus, Sector – 128 Noida - 201 304, Uttar Pradesh

Mr. V.S.R. Prasad Marketing Director Krishak Bharati Cooperative Limited A-10, Sector-1 Noida - 201 301, Uttar Pradesh

Mr. B. Annil Kumar Deputy General Manager Madras Fertilizers Limited Manali - 600 068 Chennai, Tamil Nadu Mr. P. T. Sudarshana General Manager - Sales & Marketing Mangalore Chemicals & Fertilizers Limited Level-11, UB Towers, UB City No. 24, Vittal Mallya Road Bengalore– 560 001, Karnataka

Mr. Sohan Lal Marketing Head Matix Fertilizers and Chemicals Ltd. Carnoustie Building, 6th Floor, Plot No. 19A Sector-16A, Film City, Noida-201301 Uttar Pradesh

Dr. A. Nasara Reddy Executive Director (Sales & Marketing) Nagarjuna Fertilizers and Chemicals Limited Nagarjuna Hills, Punjagutta Hyderabad - 500 082 Telangana

Mr. Anil Motsara Executive Director (Marketing) National Fertilizers Limited A-11, Sector-24 Noida - 201 301, Uttar Pradesh

Mr. Harshdeep Singh Chief Commercial Officer Paradeep Phosphates Limited 3rd Floor, Adventz Centre, NO. 28 Union Street Off Cubbon Road Bengalore – 560 001, Karnataka

Mr. H.D. Ramsinghani Chairman and Managing Director Rama Phosphates Limited 51/52 Free Press House, Nariman Point Mumbai - 400 021, Maharashtra

Ms. Sunetra Kamble Executive Director (Marketing) Rashtriya Chemicals & Fertilizers Limited 'Priyadarshini', Eastern Express Highway, Sion Mumbai - 400 022, Maharashtra

Mr. Sanjay Chhabra Executive Director and Business Head (SFS) Shriram Farm Solutions (A Unit of DCM Shriram Limited) Worldmark 1, 2nd Floor (West Wing) Aerocity, New Delhi – 110 037

Mr. Naresh Deshmukh Executive Vice President – Head Sales & Marketing Mahadhan AgriTech Limited Sai Hira Complex, S. No. 93, Mundhwa Pune – 411 036, Maharashtra





Mr. Anupam Misra Director (Marketing) The Fertilisers and Chemicals Travancore Limited P.B.No.14, Udyogamandal - 683 501 Kerala

Mr. Rajesh Sahni Assistant General Manager (SCM) Yara Fertilisers India Private Limited 502, Global Business Square, Institutional Area, Sector-44 Gurugram – 122 002, Haryana

Mr. D S Chavan General Manager (Sales & Marketing) Zuari Agro Chemicals Limited 206, Tower A, 'World Trade Centre' S.No.1/18, Opposite EON Free Zone Kharadi, Pune - 411 014, Maharashtra

5. POLICY, FINANCE AND TAXATION

Chairman

M. Arvind Chaudhary Director General The Fertiliser Association of India, FAI House, 10, Shaheed Jit Singh Marg New Delhi - 110 067

Members

Mr. Birinder Singh Director (Corporate Services) Indian Farmers Fertiliser Cooperative Ltd. IFFCO Sadan, C-1, District Centre Saket Place, New Delhi - 110 017

Mr. Atul S. Chhabra Joint General Manager (F&A) Indian Farmers Fertiliser Cooperative Ltd. IFFCO Sadan, Saket Place, C-1, District Centre New Delhi - 110 017

Mr. R.S. Mathur Executive Director (Finance) Krishak Bharati Cooperative Ltd. A8-10, Sector-1 Noida - 201 301, Uttar Pradesh

Ms. Nazhat J.Shaikh Director (Finance) Rashtriya Chemicals and Fertilizers Limited. Priyadarshini Eastern Express Highway, Sion Mumbai - 400 022, Maharashtra

Mr. J. Ramesh Chief General Manager (F&A) National Fertilizers Limited A-11, Sector 24 Noida - 201 301, Uttar Pradesh Mr. Vivek Vishal

Lead-Finance Operations & Treasury Yara Fertilisers India Private Limited Unit No 502, Global Business Square Plot No 32, Sector 44, Institutional Area Gurugram - 122 002, Haryana

Mr. V.D. Nanavaty Executive Director (Fin. MSD, MS) & CFO Gujarat State Fertilizers & Chemicals Ltd. P.O. Fertilizernagar- 391 750 District Vadodara, Gujarat

Mr. D.V. Parikh General Manager & CFO Gujarat Narmada Valley Fertilizers & Chemicals Ltd. P.O. Narmadanagar - 392 015 District Bharuch, Gujarat

Mr. Manish Agarwal Chief Finance Officer (Corporate) Indorama India Private limited PS Srijan Tech Park, DN-52 Unit No- A & B, 14th Floor Salt Lake, Sector -V Kolkata - 700 091, West Bengal

Mr. Anand Agarwal Chief Financial Officer Chambal Fertilisers & Chemicals Ltd. 1st Floor, Corporate One Plot No. 5, Commercial Centre Jasola, New Delhi - 110 025

Mr. Anuj Jain Assistant Vice President (Finance) Chambal Fertilisers & Chemicals Ltd. 1st Floor, Corporate One Plot No. 5, Commercial Centre, Jasola New Delhi - 110 025

Ms. Jayashree Satagopan Executive Vice President (F) Coromandel International Limited Coromandel House, 1-2-10 Sardar Patel Road, Post Box No.1589 Secunderabad - 500 003 Telangana

Mr. Anand S. Krishnan Asstt. Vice President (Finance) Coromandel International Limited Coromandel House 1-2-10, Sardar Patel Road Post Box No.1589, Secunderabad - 500 003 Telangana

Mr. Bijoy K. Biswal Chief Financial Officer Paradeep Phosphates Ltd. Bayan Bhawan Pandit Jawaharlal Nehru Marg Bhubaneswar - 751 001, Odisha

Mr. Suryakanta Khuntia Chief Controller - Goa Plant Paradeep Phosphates Ltd. Bayan Bhawan Pandit Jawaharlal Nehru Marg Bhubaneswar - 751 001, Odisha

Mr. Ganesh Babu K.R. Dy. General Manager - Corporate Affairs Paradeep Phosphates Ltd. Global Business Park, Tower- A, 5th Floor M.G. Road, Sector- 26 Gurugram - 122 002 Haryana

Mr. R.M. Deshpande Sr. Executive Director – Head Operations Nagarjuna Fertilizers & Chemicals Ltd. Nagarjuna Hills, Hyderabad - 500 082 Telangana

Mr. T.M. Muralidharan Joint President (Finance) Mangalore Chemicals & Fertilizers Ltd. No.5, Crescent Road, High Grounds Bangalore - 560 001, Karnataka

Mr. P. Majumdar Finance Manager Brahmaputra Valley Fert. Corpn. Ltd. P.O. Parbatpur - 786 623 District Dibrugarh, Assam

Mr. Vinoo Mehta Executive Director (Vinyl & Fertilizer) DCM Shriram Limited Shriram Nagar Kota - 324 004, Rajasthan

Mr. Aditya Jha Addl. Vice President (Accounts) Shriram Fertilisers & Chemicals (A unit of DCM Shriram Ltd.) Shriram Nagar Kota - 324 004, Rajasthan

Mr. S. Shivakumar General Manager (Corporate Finance) Rashtriya Chemicals & Fertilizers Ltd. Priyadarshini, Eastern Express Highway, Sion Mumbai - 400 022, Maharashtra Mr. M.C. Bansal Chief Financial Officer Kribhco Fertilizers Ltd. KRIBHCO Bhavan A-10, Sector-1, Noida - 201 301 District Gautam Budh Nagar, Uttar Pradesh

Mr. M.C. Grover Deputy General Manager (F&A) Kribhco Fertilizers Ltd. KRIBHCO Bhavan, A-10, Sector-1, Noida - 201 301 District Gautam Budh Nagar, Uttar Pradesh

Shri Bishnu Agarwal Vice President (Finance) Hindalco Industries Ltd. (Unit: Birla Copper) Lakhigam, P.O. Dahej - 392 130 Taluka Vagra, District Bharuch, Gujarat

Mr. Pinaki Trehan Lead – Fertilizer Advocacy Hindalco Industries Ltd. (Unit: Birla Copper) Lakhigam, P.O. Dahej - 392 130 Taluka Vagra District Bharuch, Gujarat

Mr. R.K. Laddha Chief Financial Officer (Jagdishpur) Indorama India Pvt. Ltd. Jagdishpur Industrial Area – 227 817 District Amethi, Uttar Pradesh

Mr. Ajay K. Trehan Head - Corporate Affairs Indorama India Pvt. Ltd. 312-A, World Trade Centre Barakhamba Lane New Delhi - 110 001

Mr. Suparas Jain Vice President – Corporate Finance Mahadhan AgriTech Limited Sai Hira, Survey No. 93, Mundhwa Pune - 411 036, Maharashtra

Mr. Jitender Mishra Associate Vice President – F&A Mahadhan AgriTech Limited Sai Hira, Survey No. 93, Mundhwa Pune - 411 036, Maharashtra

Mr. K.V.B. Nair Company Secretary & ED (Fin) The Fertilisers & Chemicals Travancore Limited P.B. No.14, Eloor, Udyogamandal - 683 501 Cochin, Kerala



Mr. K.R. Anandan Chief Financial Officer Southern Petrochemical Industries Corpn. Ltd. SPIC House, 88 Mount Road Guindy, Chennai – 600 032, Tamil Nadu

Mr. J. Ravi Shankar Chief Financial Officer Greenstar Fertilizers Ltd. SPIC HOUSE, 88, Mount Road Guindy, Chennai – 600 032, Tamil Nadu

Mr. P.R. Panda General Manager (F) Madras Fertilizers Limited Manali, Chennai - 600 068, Tamil Nadu

Mr. R. C. Sharma Joint President & Chief Financial Officer Kanpur Fertilizers and Chemicals Limited Jaypee Group, JIIT, Sector-128 Noida - 201 304, Uttar Pradesh

Mr. Shashank Jain Chief General Manager Kanpur Fertilizers & Chemicals Limited Jaypee Group, JIIT, Sector-128 Noida - 201 304, Uttar Pradesh

Mr. R. Srinivasan General Manager Indian Potash Ltd. Seethakathi Business Centre 1st Floor, PB No. 738, Anna Salai Chennai – 600 006, Tamil Nadu

Mrs. M M. Nalini Addl. General Manager (Accounts) Indian Potash Ltd. Seethakathi Business Centre 1st Floor, PB No. 738, Anna Salai Chennai – 600 006, Tamil Nadu

6. SINGLE SUPER PHOSPHATE

Chairman

Mr. Dinesh Patel Chairman and Managing Director Narmada Bio-chem Limited "Narmada House", Plot No.252 TP No. 50, Nr. Sun Builders Sindhu Bhavan Road, Bodakdev Ahmedabad - 380 054, Gujarat

Members

Mr. Somil Matanhelia Director Asian Fertilizers Limited P.W.D. Officers Colony Near Rastriya Sahara Press Park Road, Gorakhpur – 273 001, Uttar Pradesh Mr. Ashwin Bhartia Director Basant Agro Tech (I) Limited 95-96 Mittal Court-C, Nariman Point Mumbai - 400 021, Maharashtra

Mr. N.S. Raju Vice President BEC Fertilizers Sector A, Sirgetti Industrial Area, Sirgetti Bilaspur - 495 004, Chattisgarh

Mr. G. Gopi Krishna Director Chemtech Fertilisers Pvt. Limited 303, Siri Estate, Nagarjuna Nagar Colony Hyderabad - 500 073, Telangana

Mr. Rajesh Pastiya AVP - SSP Head Manufacturing Coromandel International Limited 'Coromandel House' 1-2-10, Sardar Patel Road Secunderabad – 500 003 Telangana

Mr. P. Senthil Nayagam General Manager - Works Greenstar Fertilizers Limited SPIC Nagar Thoothukudi – 628 005, Tamil Nadu

Mr. Chandra Shekhar Prasad COO Indorama India Pvt. Limited PO- Durgachak, Haldia Dist.- Purba Medinipur - 721 602 West Bengal

Mr. Challa Narasimha Reddy Vice President & BU Head Jubilant Agri and Consumer Products Limited Plot No. 142, Chimes, 3rd Floor Sector – 44, Gurugram – 122 003 Haryana

Mr. H.V. Agnihotri President & CFO Khaitan Chemicals & Fertilizers Limited 7th Floor, The B Zone Business Space Village Piplya Kumar, Nipania Main Road Indore - 453 771, Madhya Pradesh

Mr. Arvind Jain Director (Marketing) Ostwal Group of Industries K-26, Janpath Laxman Colony, Shyam Nagar Jaipur - 302 019, Rajasthan

Mr. Suraj C. Chhabria Executive Director R.C. Fertilisers Private Limited 181-A, 18th Floor, Maker Tower E' Wing, Opp. World Trade Center, Cuffe Parade Mumbai - 400 005, Maharashtra

Mr. Vineet Jain Managing Director R.M. Phosphates & Chemicals Office No. 602, Omega Tower Sayaji Club Road (Near Hotel Wow) Vijay Nagar, Indore – 424 010, Madhya Pradesh

Mr. J.K. Parakh President & CFO Rama Phosphates Limited 51/52 Free Press House, Nariman Point Mumbai - 400 021, Maharashtra

Mr. Siddharth Kumar Mayar Director Sadhana Phosphates & Chemicals 1018, Debari Railway Station Road Opp. HZL Smelter Village Gudli Distt. Udaipur - 313 024, Rajasthan

Mr. Paramdeep Singh Director Teesta Agro Industries Limited 402 A, Palm Spring Plaza, Golf Course Road, Sector 54 Gurugram – 122 001, Haryana

Mr. Sanjay Patodia President The Jayshree Chemicals & Fertilisers 'Industry House', 15th Floor 10, Camac Street, Kolkata - 700 017, West Bengal

Mr. Ajay Bangur Executive Director The Phosphate Co. Limited 14, Netaji Subhash Road Kolkata - 700 001, West Bengal

7. TECHNICAL ADVISORY COMMITTEE

Chairman

Mr. R.K. Chopra Managing Director Kribhco Fertilizers Ltd. Village Piprola, Shahjahanpur - 242 001 Uttar Pradesh

Members

Mr. Digambar Sahai Director (Production) Brahmaputra Valley Fertilizer Corp. Ltd. Namrup Unit, P. O. Prabatpur - 786 623 District Dibrugarh, Assam Mr. U.R. Singh Vice President (Works) Chambal Fertilisers & Chemicals Ltd. P.O. Gadepan - 325 208, District Kota Rajasthan

Mr. Amir Alvi Executive Vice President & Head of Manufacturing Coromandel International Limited Coromandel House 1 - 2 - 10, Sardar Patel Road Secunderabad - 500 003, Telangana

Mr. M.I. Shamsi General Manager Gujarat Narmada Valley Fertilizers & Chemicals Ltd. P. O. Narmadanagar - 392 015 District Bharuch, Gujarat

Mr. Alpesh B. Gupta Vice President Gujarat State Fertilizers & Chemicals Ltd. P.O. Moti Khavdi, Sikka - 361 140 Dist. Jamnagar, Gujarat

Mr. Rajendra Sankhe Chief Operating Officer Indorama India Private Limited P. O. Jagdishpur Industrial Area - 227 817 District Amethi, Uttar Pradesh

Mr. Nishit Dave General Manager Hindalco Industries Limited (Unit : Birla Copper), AT & P.O. Dahej District Bharuch - 392 130, Gujarat

Mr. G.K. Gautam Director (Technical) Indian Farmers Fertiliser Cooperative Ltd. IFFCO Sadan, C-1 District Centre Saket Place, New Delhi - 110 017

Mr. C.S. Prasad Chief Operating Officer Indorama India Pvt. Limited Haldia, Midnapore (W) - 721 606 West Bengal

Mr. Devinder Singh Ahuja Director Kanpur Fertilizers and Chemicals Limited Jaypee Corporate Office "NIRMAN SADAN" Tower-2, Ground Floor Sector - 128 Noida - 201 304, Uttar Pradesh



Mr. M.R. Sharma Operations Director Krishak Bharati Cooperative Ltd. Hazira Fertilizer Complex P.O. KRIBHCO Nagar - 394 515 Surat, Gujarat

Mr. S. Girish Chief manufacturing Officer Mangalore Chemicals & Fertilizers Ltd. P. B. No. 18, Panambur Mangalore - 575 010 Karnataka

Mr. Harsh Malhotra Director (Technical) Madras Fertilizers Limited Manali, Chennai - 600 068 Tamil Nadu

Mr. Diwakar Mishra Vice President (Technical Projects) Matix Fertilizers and Chemicals Ltd. Panagarh Industrial Park Panagarh Purba Bardhaman - 713 169 West Bengal

Mr. R. Raghavan Senior Vice President (Urea Manufacturing) Nagarjuna Fertilizers & Chemicals Ltd. Nagarjuna Hills Punjagutta Hyderabad - 500 082 Telangana

Mr. Rakesh Gandotra General Manger (Project) National Fertilizers Limited A-11, Sector 24, Noida - 201 301 Uttar Pradesh

Ms. Manisha Narang Additional General Manager (Planning & MR, Process) Projects & Development India Limited PDIL Bhawan, A-14, Sector-1 Noida - 201 301 Uttar Pradesh Mr. Pranab Bhattacharyya Chief Manufacturing Officer Paradeep Phosphates Limited P.O. PPL, Township, Paradeep District Jagatsinghpur - 754 145 Odisha

Mr. Nilesh Dessai Chief Manufacturing Officer – Goa Unit Paradeep Phosphates Limited Jai Kisaan Bhawan, Zuarinagar - 403 726 Goa

Mr. M.M. Deo Director (Technical) Rashtriya Chemicals & Fertilizers Ltd. Priyadarshini Building Eastern Express Highway Sion Mumbai - 400 022, Maharashtra

Mr. Ashwani Kaul Vice President Shriram Fertilisers & Chemicals (A unit of DCM Shriram Ltd.) P. O. Shriramnagar Kota - 324 004, Rajasthan

Mr. Dinesh Pratap Singh EVP – Unit Head Taloja K1 Mahadhan AgriTech Limited K-1, MIDC Industrial Area, District Raigad Taloja A.V. - 410 208, Maharashtra

Mr. E. Balu Chief Operating Officer Southern Petrochemical Industries Corporation Ltd. P. O. SPIC Nagar - 628 005 Tuticorin, Tamil Nadu

Mr. R. Manikuttan Executive Director (Production Coordination) The Fertilisers and Chemicals Travancore Ltd. Eloor, Udyogamandal Kochi - 683 501, Kerala

Mr. Maya Shanker Prasad Vice President (Manufacturing) Yara Fertilisers India Pvt. Ltd. Indira Dham, P. O. Babrala - 242 021 District Sambhal, Uttar Pradesh

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APPENDIX IX

FAI MEMBERS (AS ON 31.3.2023)

ACTIVE MEMBERS

- Asian Fertilizers Limited P.W.D. Officers Colony, Near Rastriya Sahara Press, Park Road, Gorakhpur, Uttar Pradesh - 273 001
- 2. BEC Fertilizers (Unit of Bhillai Engg. Corp.Ltd.) Sector A, Sirgetti Industrial Area, Sirgetti, Bilaspur - 495 004, Chattisgarh
- Bharat Agri Fert. & Realty Limited 301, 3rd Floor, Hubtown Solaries, N.S. Phadke Marg, Near East West Flyover, Andheri (East) Mumbai, Maharashtra - 400 069
- Brahmaputra Valley Fertilizer Corporation Limited Regd. Office Namrup P.O. Parbatpur, District Dibrugarh - 786 623 Assam
- Chambal Fertilizers and Chemicals Limited Corporate One, First Floor,
 Commercial Center, Jasola New Delhi - 110 025
- 6. Coimbatore Pioneer Fertilizers Private Limited P.O.Muthugoundanpudur Via Sulur, District Coimbatore - 641 006 Tamil Nadu
- Coromandel International Limited 1-2-10, Sardar Patel Road Post Box No. 1589, Secunderabad - 500 003 Telangana
- DCM Shriram Limited (Unit : Shriram Fertilizers & Chemicals) 2nd Floor, (West Wing), World Mark 1, Aerocity, New Delhi - 110 037
- DMCC Speciality Chemicals Limited Prospect Chambers 317/21, Dadabhoy Naoroji Road Mumbai - 400 001, Maharashtra
- 10. Greenstar Fertilizers Limited SPIC House No. 88, Mount Road, Guindy Chennai - 600 032, Tamil Nadu

- **11.** Gujarat Narmada Valley Fertilizers & Chemicals Ltd. P.O. Narmada Nagar District Bharuch - 392 015, Gujarat
- **12. Gujarat State Fertilizers & Chemicals Limited** P.O. Fertilizernagar District Vaodara - 391 750, Gujarat
- Hindalco Industries Limited (Unit : Birla Copper)
 3rd Floor, Aries House, Near Hotel Siddharth Palace, Old Padra Road, Baroda - 390 015 Gujarat
- Indian Farmers Fertiliser Cooperative Limited IFFCO Sadan
 C-1, District Centre, Saket Place
 New Delhi – 110 017
- Indian Potash Limited Potash Bhawan, 10-B, Rajendra Park, Pusa Road, New Delhi - 110 060
- Indorama India Private Limited Ecocentre, EM-4, 12th Floor Unit No. ECSL-1201, Sector V, Salt Lake Kolkata - 700 091, West Bengal
- Jubilant Agri and Consumer Products Limited Plot No: 142, Chimes 3rd Floor, Sector-44 Gurugram - 122 003, Haryana
- Kanpur Fertilizers & Chemicals Limited C/o Jaiprakash Associates Ltd. Jaypee Greens Wish Town, Sector - 128 Noida - 201 304, Uttar Pradesh
- 19. Khaitan Chemicals & Fertilizers Limited Apollo Arcade, 3rd Floor, 1/2, Old Palasia Opposite Palasia Police Station Indore - 452 018, Madhya Pradesh
- Kribhco Fertilizers Limited
 4th Floor, KRIBHCO Bhawan
 A-10, Sector 1, District Gautam Budh Nagar
 Noida 201 301, Uttar Pradesh
- **21.** Krishak Bharati Cooperative Limited A8-10, Sector-1, District Gautam Budh Nagar Noida - 201 301, Uttar Pradesh



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- 22. Madras Fertilizers Limited Manali Chennai - 600 068, Tamil Nadu
- 23. Mahadhan AgriTech Limited Sai Hira Complex, S.No. 93, Mundhwa Shastri Nagar, Yeravada, Pune - 411 036 Maharashtra
- 24. Mangalore Chemicals & Fertilizers Limited Level-11, UB Towers, UB City 24, Vittal Mallya Road Bengalore - 560 001, Karnataka
- 25. Matix Fertilizers and Chemicals Limited Office No. 600, 6th Floor Martin Burn Business Park BP-3, Sector-V, Salt Lake Kolkata - 700 091, West Bengal
- 26. Micnelf Micronutrients Private Limited Shrikrishna Krishnakeval Nagar, 1/A,Kondhwa Khurd Pune - 411 048, Maharashtra
- 27. Nagarjuna Fertilizers & Chemicals Limited Nagarjuna Hills Punjagutta, Hyderabad - 500 082, Telangana
- 28. National Fertilizers Limited A-11, Sector-24 Distt. Gautam Budh Nagar Noida - 201 301, Uttar Pradesh
- 29. Paradeep Phosphates Limited OSHWCS Building Pandit Jawahar Lal Nehru Marg Bubhaneswar - 751 001, Orrisa
- R.C. Fertilisers Private Limited 181-A, 18th Floor, Maker Tower
 E' Wing, Opp. World Trade Center, Cuffe Parade Mumbai - 400 005, Maharashtra
- **31.** Rama Phosphates Limited 51 -52, Free Press House Nariman Point Mumbai - 400 021, Maharashtra
- **32.** Rashtriya Chemicals and Fertilizers Limited Priyadarshini Eastern Express Highway, Sion, Mumbai - 400 022, Maharashtra
- 33. Southern Petrochemical Industries Corporation Limited

SPIC House, 88, Mount Road, Guindy, Chennai - 600 032, Tamil Nadu

- 34. The Andhra Sugars Limited Post Box No. 102 Venkatarayapuram, District West Godavari Tanuku - 534 215, Andhra Pradesh
- **35.** The Fertilisers and Chemicals Travancore Limited P.O. Udyogamandal Kochi, Alwaye - 683 501 Kerala
- **36.** The Jay Shree Chemicals & Fertilisers Industry House, 15th Floor 10, Camac Street Kolkata - 700 017, West Bengal
- The Phosphate Company Limited 14, Netaji Subhas Road, 3rd Floor Kolkata - 700 001, West Bengal
- **38.** Yara Fertilisers India Private Limited 502, Global Business Square Plot No.32, Sector-44 Gurugram - 122 002, Haryana
- **39.** Zuari Agro Chemicals Limited Jaikisaan Bhawan Zuarinagar - 403 726 Goa

ASSOCIATE MEMBERS

- a c t infraport Limited Plot No. 391 & 392, Sector 1/A Near Mamlatdar's Office, Gandhidham Kachchh - 370 201 Gujarat
- 2. Aarti Fertilizers

(A Division of Aarti Industries), Plot No. 801, 801/23, GIDC Estate Phase III, District, Valsad Vapi - 396 195, Gujarat

- Abdullah Haji Rahimtula & Sons Private Limited DCM Building, 3rd Floor Flat No.-3E, 16, Barakhamba Road New Delhi - 110 001
- ACME Cleantech Solutions Private Limited Plot No. 152, Sector - 44 Gurugram - 122 002 Haryana
- Adani Ports and Special Economic Zone Limited Adani Corporate House, Plot No. 83 Institutional Area, Sector - 32 Gurugram - 122 001 Haryana

- AgriMin Control International Private Limited 602, Embassy Chambers, 6th Floor Plot No. 5, 3rd Road, Khar (West) Mumbai - 400 052, Maharashtra
- Agro Phos (India) Limited M-87, Trade Centre 18, Southtuko Ganj Indore - 452 001, Madhya Pradesh
- Agro Service Center 401-Man Heritage 6/2 South Tugogunj Indore - 452 001, Madhya Pradesh
- Agrocel Industries Private Limited B-701, 702, 7th Floor, Flexcel Park 184-87, S.V. Road, Jageshwari West Mumbai - 400 102, Maharashtra
- Ameropa India Private Limited Unit 16, Level 12, Two Horizon Centre Golf Course Road Gurugram - 122 002, Haryana
- Anglo American Crop Nutrients India Private Limited Leval 2, Elegance Tower Old Mathura Road Jasola District Centre New Delhi - 110 025
- 12. Anshula Technological Engineering Consultants Private Limited A 401/402, LEO Building (Formerly Kohinoor CHS) Plot No.479, T.P.S.III, 24th Road Khar (West), Mumbai - 400 052 Maharashtra
- Anya Polytech & Fertilizers Private Limited B-243, Sector-26, Noida - 201 301 Uttar Pradesh
- Arihant Fertiliser & Chemicals India Limited 119, First Floor, Bansi Trade Centre 585/5 M.G. Road Dr.Roshan Singh Bhandari Marg Indore - 452 001, Madhya Pradesh
- **15. AUMVN Industrial Products** 3/11, Vijay Vilas Building No. 3 Kavesar, Thane West - 400 615 Maharashtra
- 16. Aura Biotechnologies Private Limited Survey No. 270/1, Plot No. 1&2, Galaxy Road Ayanambakkam Chennai - 600 095, Tamil Nadu

- Avana Logistek Limited 201 & 202, Salcon Aurum, Plot No-4 Jasola District Centre New Delhi - 110 025
- 18. Baltic Testing India Private Limited Hubtown Viva Building Suite No. 313/314, 3rd Floor, Shankarwadi Western Express Highway, Jogeshwari (East) Mumbai - 400 060, Maharashtra
- Basant Agro Tech (India) Limited
 95-96, 9th Floor, 'C' Wing
 Mittal Court, Jamnalal Bajaj Marg, Nariman Point
 Mumbai 400 021, Maharashtra
- **20. Bhoomi Phosphate Private Limited** F 96-97, RIICO Industrial Area Gudli, Distt. Udaipur - 313 024 Rajasthan
- 21. BIOFAC Inputs Private Limited (BIOFACTOR) 74C, Anrich Industrial Estate IDA Bollaram, Jinnaram Sangareddy - 502 325 Telangana
- 22. Borochemie (India) Private Limited 40-44A, Dheeraj Heritage, 4th Floor S.V. Road, Santacruz (West) Mumbai - 400 054, Maharashtra
- 23. CFI Technologies Private Limited 6th Floor, Om Tower,
 32, Jawaharlal Nehru Road, Kolkata - 700 071, West Bengal
- 24. Chembond Water Technologies Limited Chembond Centre EL-71, Mahape MIDC Navi Mumbai - 400 705, Maharashtra
- 25. Chemtech Fertilisers Private Limited # 303, Siri Estate Nagarjuna Nagar Colony Hyderabad - 500 073 Telangana
- 26. Combined Logistics Solutions Private Limited Plot No. 4A, Third Floor, Block-4 Kirti Nagar Industrial Area New Delhi - 110 015
- Compagnie Indo-Francaise De Commerce Private Limited
 DCM Building, 3rd Floor
 16, Barakhamba Road
 New Delhi - 110 001



- 28. Compo Expert India Private Limited Tower – II, 108, World Trade Center Kharadi, Pune - 411 014, Maharashtra
- 29. Cooperatieve Rabobank U.A. Peninsula Business Park Tower A, 20th Floor Senapati Bapat Marg, Lower Parel Mumbai - 400 013, Maharashtra
- 30. Coromandel SQM (India) Private Limited Coromandel House 1-2-10, Sardar Patel Road Secunderabad - 500 003, Telangana
- 31. Cotecna Inspection India Private Limited (The Summit - Business Bay) Office No.213, 214 & 215, Behind Guru Nanak Petrol Pump, Opposite Cinemax Off. Andheri - Kurla Road Prakashwadi, Andheri (East) Mumbai - 400 069, Maharashtra
- 32. Criyagen Agri and Biotech Private Limited Survey No. 71/5, Doddaballapur-Nelamangala State Highway-74, Post : Karim Sonnenahalli TQ: Doddaballapur Bangalore Rural - 562 203 Karnataka
- **33.** Crop Life Science Limited Plot No.5165 GIDC Estate Near 66 KV Sub Station Ankleshwar - 393 002, Gujarat
- **34.** Crop Nutri Solutions (India) Private Limited Sy No. : 708 Thamminapatnam Village Chillakur Mandal, Nellore District - 524 412 Andhra Pradesh
- **35.** Cropex Limited "CROPEXIUM EAST" No. 71, 3rd Floor Karthik Nagar, Outer Ring Road, Marathahalli Bangalore - 560 037, Karnataka
- **36.** Dayal Fertilizsers (P) Limited Delhi Road, Partapur Meerut - 250 013, Uttar Pradesh
- 37. Devdhar Chemicals Private Limited 5th Floor, Guardian Square Building CTS No.8/20, Plot, No.6/20, Erandwane, Shankarrao Joshi Road (Hotel Nisarg Lane), Nr.Nal Stop, Pune - 411 004, Maharashtra

- 38. Dhanlakshmi Biochem Private Limited Prahladnagar, Satellite Ahmedabad - 380 015, Gujarat
- 39. Dhanuka Agritech Limited Dhanuka Group, Global Gateway Towers Tower 'B', Near Guru Dronacharya Metro Station M.G. Road, Gurugram - 122 002 Haryana
- 40. Diamond Shipbrokers (A division of Samsara Shipping Pvt. Ltd.) 101/102, Technopolis Knowledge Park, Mahakali Caves Road, Chakala Andheri (E), Mumbai - 400 093 Maharashtra
- **41.** Dreymoor Fertilizers Overseas Pte. Limited 403, Suncity Business Tower Golf Course Road, Sector 54 Gurugram 122 002, Haryana
- **42.** Exceed Crop Science Private Limited Plot No. 216 & 217, KIADB Industrial Area 2nd Stage, Gamanagatti Hubli - 580 025, Karnataka
- **43.** Fair Lead Marine Services Office No. : 201, Second Floor, Riddhi Siddhi Arcade, Opp. Hotel Shiv Grand, Plot No. 13, Sector - 8, Gandhidham, Kutch - 370 201, Gujarat
- 44. Farmfields Private Limited Corp. Office : #301, Orion Plaza, Door No.8-2-351/1/A/43, Road No.3 Banjara Hills, Hyderabad - 500 034 Telangana
- **45.** FCI Aravali Gypsum & Minerals India Limited Institutional Area, Sector-B Viveek Vihar Yojna Jodhpur - 342 005, Rajasthan
- Fertiplant Engineering Co. Private Limited Moray House, 2nd Floor
 226, S.V. Road, Bandra (West) Mumbai - 400 050, Maharashtra
- **47.** Fertis India Private Limited Plot No.73, SMR House, 3rd Floor Nagarjuna Hills, Panjagutta Hyderabad - 500 082, Telangana
- 48. GDS Chemicals & Fertilizers Private Limited Aska Road, Near Sarguna Street Berhampur, District Ganjam - 760 006 Odisha

- Gemini Fertilizers Kothari Building 114, Mahathma Gandhi Salai Nungambakkam Chennai - 600 034, Tamil Nadu
- 50. Geolife Agritech India Private Limited 301, Marathon Max, LBS, Marg Opposite Nirmal Lifestyle Mulund West, Mumbai - 440 018 Maharashtra
- **51. Gokul Agri Internatikonal Limited** State Highway No. 41 Nr. Sujanpur Patia, Dist. Patan Sidhpur - 384 151, Gujarat
- 52. Green Grow Nutrients Private Limited #20, 2nd Floor, SJP Arcade 2nd Cvoll, Balaji Layout, Dasarahalli Bengalore - 560 024, Karnataka
- 53. Green Planet Bio Products G.P. Tower, 1 Amar Garden Near Pathankot Byepass Chowk NH-1, Jalandhar - 144 004, Punjab
- 54. Growell Resources & Management Private Limited Bharat Insurance Building, 2nd Floor 15-A, Horniman Circle Fort Mumbai - 400 001, Maharashtra
- 55. Gujarat Agro Industries Corporation Limited Agro Service Division Khet Bhavan, Opposite Old High Court, Navrangpura Ahmedabad - 380 014, Gujarat
- Haldor Topsoe India Private Limited Vatika Mindscapes Tower A, 3rd Floor 12/3, Mathura Road (NH-2), Sector – 27 Faridabad - 121 003, Haryana
- 57. HBS Fertilisers & Chemicals Industries Private

 Abdul Hamid Street,
 5th Floor, Room No. 502, Kolkata 700 069
 West Bengal
- 58. HCM Agro Products Private Limited RR-29, First Floor, Miyan Wali Nagar Paschim Vihar, New Delhi - 110 087
- 59. HE Marketing Private Limited 12th Floor, Knowledge Park Hiranandani Business Park, Powai Mumbai - 400 076 Maharashtra

- 60. HIL (India) Limited Scope Complex, 2nd Floor, Core-6 7, Lodi Road New Delhi - 110 003
- 61. Hindustan Urvarak & Rasayan Limited Core - 4, 9th Floor, Scope Minar Laxmi Nagar Districr Centre New Delhi - 110 092
- **62.** Hindustan Zinc Limited Yashad Bhawan Udaipur - 313 004, Rajasthan
- **63.** ICL Fertilizers (India) Private Limited 306, Tower A, Millennium Plaza Sector 27, Gurugram - 122 002 Haryana
- 64. IFFCO-TOKIO General Insurance Co. Limited IFFCO Tower, 4th & 5th Floor Plot No.3, Sector-29 Gurugram - 122 001, Haryana
- 65. IL & FS Environmental Infrastructure and Services Limited Plot no - 8,9, 3rd Floor MM tower (Above Passport Sewa Kendra) Phase - 4, Udyog Vihar, Gurugram - 122 002 Haryana
- **66.** Indian Agrochem Industries Private Limited Plot No. B-13, MIDC Badlapur (E), Dist. Thane - 421 503 Maharashtra
- 67. Indian Micro-Fertilizers Manufacturers Association C/o Manshya Marketing Pvt. Ltd.
 S. No. 49/1A/1A/1A, Opp. Micro Supreme Auto Industrial Pvt. Ltd., Gokulnagar Pune - 411 048, Maharashtra
- 68. Indian Phosphate Limited F-234, 1E, Mewar Industrial Area Madri, Udaipur 313 003 Rajasthan
- 69. Indotech Speciality Private Limited "Shiv Kashi" Plot No. 20
 Vivekanand Housing Society, Tilaknagar Aurangabad - 431 005, Maharashtra
- **To.** Inspectorate Griffith India Private Limited Ecocentre, 16th Floor, Unit 1601 Block - EM04, Salt Lake, Sector - V Kolkata - 700 091 West Bengal



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- 71. Intertek India Private Limited F Wing, 1st Floor, Tex Center, Chandivali Farm Road, Chandivali, Andheri (E) Mumbai - 400 072, Maharashtra
- 72. Ion Exchange India Limited Ion House Dr. E. Moses Road, Mahalaxmi Mumbai - 400 011 Maharashtra
- **73. IPL Biologicals Limited** M2K Corporate Park, Sector - 51 N Block, Gurugram - 122 003 Haryana
- 74. ISGEC Heavy Engineering Limited Yamunanagar Haryana
- 75. ITT Engineering India Private Limited 14, Floor-GRD, 731/2, Air Condition Market Building Pandit Madan Mohan Malviya Marg Tardeo, Mumbai - 400 034, Maharashtra
- J.B. Boda Insurance Surveyors & Loss Assessors Private Limited
 1304, 13th Floor, Vijaya Building
 17, Barakhamba Road
 New Delhi - 110 001
- 77. J.J. Consultants Private Limited6, Sunder Nagar,New Delhi 110 003
- 78. J.M. Baxi & Co. 1006, 10th Floor, Mohandev Building 13, Tolstoy Marg New Delhi - 110 001
- 79. Jaipur Bio Fertilizers J-71, Ashok Chowk, Adarsh Nagar Jaipur - 302 004, Rajasthan
- 80. Jaishil Sulphur and Chemical Industries B Wing 202/203 Pratik Industrial Estate Bhandup Goregaon Link Road Near Fortis Hospital Bhandup (W) Mumbai - 400 078, Maharashtra

81. Jyoti Consultants

B-79, Defence Colony Bhisham Pitamaha Marg New Delhi - 110 024 K+S Fertilizers (India) Private Limited Office No. 411, 4th Floor, Good Earth Business Bay, Sector 58, Gurugram - 122 098, Haryana

83. Kan Biosys

917/17, Raveedeep, Ganeshkiadi Off F.C. Road Prin. K.R. Kanitkar Path Pune - 411 004, Maharashtra

- 84. Karaikal Port Private Limited No.39, Chettinad Chambers 5th Street, 3rd Floor, R.K. Salai Near AVM Rajeshwari Marriage Chennai - 600 004, Tamil Nadu
- 85. Karneet Enterprises (India) Private Limited No. 23/3, 1st & 2nd Floor Hare Krishna Road Crescent Road, High Grounds Bengalore - 560 001, Karnataka
- KBR Engineering & Construction India Private Limited
 16th Floor, Tower A, Building No. 5
 DLF Cyber Terraces, DLF Phase III
 Gurugram122 002
 Haryana
- **87.** Key-Tech Engineering Company 801A, Seabreeze, above Reliance

Digital New Prabhadevi Road, Prabhadevi Mumbai - 400 025 Maharashtra

88. Keytrade AG

India Liaison Office B-260, Greater Kailash - I New Delhi - 110 048

89. Khandelwal Distributors Private Limited More Kothi, Gangapur Shyamganj Bareilly - 243 005 Uttar Pradesh

90. KLJ Resources Limited

403/404, 4th Floor, N.S. Phadke Marg, Near East West Flyover, Andheri East, Mumbai - 400 069, Maharashtra

91. Knack Packaging Private Limited

330/A , 3rd Floor, Kalasagar Mall Opp. Sai Baba Temple, Nr.Sattadhar Cross Roads Ghatlodiya, Ahmedabad - 380 061 Gujarat

- **92.** KPR Crop-Science Private Limited D.No. - 3-92, Nallamilli Road, Biccavolu Biccavolu Mandal, District East Godavari - 533 343 Andhra Pradesh
- **93.** Krishi Rasayan Exports Private Limited 1115, Hemkunt Tower 98, Nehru Place, New Delhi - 110 019
- 94. Krishna Phoschem Limited 5-O-2, Basement Office R.C. Vyas Colony Bhilwara - 311 001, Rajasthan
- 95. Kutch Copper Limited (SEZ) Plot No.1, Sector 04N
 S. No.295/Paiki 6/Paiki 2, 138/1
 140, North of APL Road Near Adani Power Plant, APSEZ Siracha and Navinal Village, Mundra Kachchh - 370 421, Gujarat
- 96. Larsen & Toubro Limited Heavy Engineering Division32, Shivaji Marg, New Delhi - 110 015
- **97.** Linde Engineering India Private Limited Linde House Near Nilamber Circle Vasna-Gotri Road, Vasna Vadodara - 391 410, Gujarat
- 98. Lohia Corp Limited D-3/A, Panki Industrial Estate, Kanpur - 208 022, Uttar Pradesh
- **99. M.D. Biocoals Private Limited** Era Galleria SCO-06, Second Floor Barnala Road, Near JCD Vidyapeth Sirsa - 125 055, Haryana
- 100. Madhya Bharat Agro Products Limited
 5-0-1, Basement Office
 R.C. Vyas Colony
 Bhilwara 311 001, Rajasthan
- 101. Mahamaya Enterprise
 12/A, Netaji Subhash Road,
 Ground Floor, Room No. 6,
 Kolkata 700 001, West Bengal
- 102. Manshya Marketing Private Limited S.No. 49, Part Rajkumar Lodha Industrial Estate Vrindavan Nagar Lane No.3 Near Shatrunjay Mandir, Gokul Nagar, Katraj, Kondhwa Road Kondhwa BDK, Pune - 411 048 Maharashtra

- 103. Marubeni India Private Limited Unit No. 01, 3rd Floor, Building A-2 Shaheed Jeet Singh Marg Qutab Institutional Area New Delhi - 110 067
- 104. MECS India Private Limited B14-117/119, WeWork
 13th Floor, 247 Park, Gandhinagar Vikhroli (West), Mumbai - 400 079 Maharashtra
- **105.** Mexican Agro Chemical Limited 128-A, Kalindi Kunj, Pipliyahana, Indore - 452 001, Madhya Pradesh
- 106. Midgulf Services India Private Ltd 12th Floor, Pinnacle Mall, Plot No.3, Sector - 10, District Center Dwarka, New Delhi - 110 075
- 107. Mitra S.K. Private Limited Shrachi Centre (5th Floor) 74B, AJC Bose Road Kolkata - 700 016, West Bengal
- **108.** Mosaic India Private Limited 11th Floor, Building 8C DLF Cyber City, Phase II Gurugram - 122 002, Haryana
- 109. Multiplex Bio-Tech Private Limited No.180, 1st Main Road Mahalakshmi Layout Bengaluru - 560 086, Karnataka
- **110.** N G Fertilizers and Chemicals Private Limited 224/2, 3, NH-5, Kodurupadu Village Krishna 521 110, Andhra Pradesh
- **111.** Naq Global Private Limited Plot No 36,37, Fifth Floor

SDC Vinay 1, Moji Colony Calgary Marg Malviya Nagar, Jaipur - 302 017 Rajasthan

- **112.** Narmada Agro Chemicals Private Ltd 19-26, Udyognagar Shardagram Road, District Junagarh Mangrol - 362 225, Gujarat
- 113. Narmada Bio-chem Limited

"Narmada House" Plot No.252, TP No. 50, Nr.Sun Builders, Sindhu Bhavan Road, Bodakdev, Ahmedabad - 380 054 Gujarat



- 114. Narmada Phosphate Limited

 A-33, Priyadarshini Nagar
 (Just beside the Street of Quality Restaurent)
 Vyapar, Vihar Road, Bilaspur 495 001
 Chattisgarh
- **115.** National Cooperative Development Corporation 4, Siri Institutional Area Opposite Siri Fort, Hauz Khas New Delhi 110 016
- **116.** Neelam Aqua & Speciality Chem Private Limited H-337 (D), Road No.17 V.K.I. Area, Jaipur - 302 013 Rajasthan
- **117.** New Ar Vee Agro Chemical TBA - 6, New Sabzi Mandi, Maqsudan Jalandhar - 144 008, Punjab
- 118. Nextnode Bioscience Private Limited
 607, Abhishree Avenue
 Opp. Hanumanji Temple, Nehrunagar, Ambawadi
 Ahmedabad 380 015, Gujarat
- **119.** Nico Orgo Manures Opposite Railway Station Dakor - 388 225, Gujarat
- **120.** Nirma Limited Nirma House Ashram Road, Near I.T.O. Ahmedabad - 380 009, Gujarat
- **121. OAN Industries Private Limited** P-134, Malhotra Nagar, VKI Vidhyadhar Nagar Jaipur - 302 013, Rajasthan
- **122.** Oasis Chemical Industries W-57, Phase - 2, MIDC, Sonarpada Dombivli East, Tal. Kalyan Dist. Thane - 421 203 Maharashtra
- 123. OJSC Belarusian Potash Company The Palm Spring Plaza, Unit No.-402, 4th Floor, Sector 54, Golf Course Road, Gurugram - 122 001, Haryana
- **124.** Ostwal Phoschem (India) Limited 5-O-1, R.C. Vyas Colony Bhilwara - 311 001, Rajasthan
- **125. Patel Phoschem Limited** 114, 1st Floor, Ostwal Plaza-I Air Port Road, Sunderwas Udaipur - 313 001, Rajasthan

- 126. Prabhat Fert & Chemicals Works Vill - Kurali, Indri Road Karnal - 132 001, Haryana
- 127. Prathista Industries Limited

 1-5-1015, Plot # 80 & 81,
 Manjeera Colony,
 Father Balaiah Nagar, Old Alwal,
 Secunderabad 500 010, Telangana
- **128. Privi Life Sciences Private Limited** Privi House, A-71, TTC Industrial Area Thane Belapur Road, Kapor Khairane Navi Mumbai - 400 709, Maharashtra
- **129. Progressive Fertichem (Pvt) Limited** Nizarapar, Jagi Road District Morigaon - 782 410 Assam
- **130. Projects & Development India Ltd.** P.O. Box No.125, A-14, Sector-1, Noida - 201 301 Uttar Pradesh
- 131. Pushpa J. Shah Plot No. 906/13, Near Ganesh Anand Chokdi G.I.D.C. Panoli, Tal. Ankleshwar Dist. Bharuch - 394 116, Gujarat
- **132. R.M. Phosphates & Chems Pvt Ltd.** Plot No. T-3/1 , Babhale Village, Phase II Nasrdana MIDC Industrial Area, Tal. Shindkheda District Dhule - 424 309, Maharashtra
- **133.** Rajasthan State Mines & Minerals Limited 4, Meera Marg, Udaipur - 313 001 Rajasthan
- **134.** Rajeev Khanna Consulting Inc. E-4, Qutab Hotel Complex Shaheed Jeet Singh Marg New Delhi - 110 016
- 135. Rallis India Limited

 II Floor, III Block, KSCMF Ltd., Building,
 # 8th Cunningham Road
 Bangalore 560 052, Karnataka
- 136. Ramagundam Fertilizers and Chemicals Limited Kribhco Bhawan 4th Floor, 1st Wing, Sector-1 Noida - 201 301, Uttar Pradesh
- 137. Ramcides CropScience Private Limited Ramcides House No.59C, 8th Street North Phase SIDCO Industrial Estate, Ambattur Chennai - 600 098, Tamil Nadu

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- **138. RD Agro Inputs** 16 D, Agraharam Street, Uthangarai-TK Krishnagiri (Distt.) - 635 207 Tamil Nadu
- 139. ReAgro International 404, Star Tower Sector 30, Silokhera NH8 Gurugram - 122 001, Haryana
- 140. Reliance Industries Limited Industrial Marketing, Building 5-C, 2nd Floor Reliance Corporate Park, Thane-Belapur Road Navi Mumbai - 400 709 Maharashtra
- **141. Richfield Fertilisers Private Limited** B-27, MIDC Ambad Nashik - 422 010, Maharashtra
- 142. Rio Tinto India Private Limited
 21st Floor, Tower A, Building No.5
 Cyber Terrace, DLF Cyber City, DLF Phase III
 Gurugram 122 002, Haryana
- 143. Rishi Shipping Rishi House, Plot No. 113-116 Ward - 6, Industrial Area, Gandhidham Kutch - 370 201, Gujarat
- 144. S.L.Dev & Company Private Limited 75, Link Road Suite No.102, Lajpat Nagar III New Delhi - 110 024
- **145. Sabic India Private Limited** 10th Floor, Ambience Corporate Towers II, Ambience Island Gurugram - 122 001, Haryana
- **146.** Sai Fertilizers Private Limited 21, Princep Street Kolkata - 700 071, West Bengal
- 147. Saigal Seatrade Private Limited J.V. House, 2nd Floor
 D.S. Babrekar Marg, Dadar (West) Mumbai - 400 028, Maharashtra
- 148. Saipem India Projects Private Limited Millenia Business Park, Phase II, Campus 3A 143, Dr. M.G.R. Road, Kandhanchavadi, Perungudi Chennai - 600 096, Tamil Nadu
- **149.** Samsung C&T Corporation India Private Limited 6th Floor, 2A-0601, Two Horizon Centre Golf Course Road, Sector-43, DLF Phase-V Gurugram 122 002, Haryana

- 150. Sarat Chatterjee & Co. (Visakhapatnam) Private 28-2-47, 1st Floor Daspalla Centre Suryabagh Visakhapatnam - 530 020, Andhra Pradesh
- 151. Saybolt Inspection Services India Private Limited B-707, Pranik Chembers 7th Floor, Saki Vihar Road, Saki Naka Mumbai - 400 072, Maharashtra
- **152.** Scientific Agriculture Laboratory Private Limited 3/196, Natham Main Road Manthikulam Villakku, Karuvanur Post Madurai - 625 014, Tamil Nadu
- 153. Seatrans Marine Private Limited ABIR KUNJ, 2nd Floor
 158, Rajdanga Naba Pally, (Besides HDFC Bank) Kolkata - 700 107, West Bengal

154. Shail Info

B-053, Oakwood Estate DLF City, Phase-II Gurugram - 122 002, Haryana

- **155.** Shanmukha Agritec Limited 7-1-621/98 & 621/34, Opp. Axis Bank S.R. Nagar Main Road Hyderabad - 500 038, Telangana
- **156.** Shiv Sulphuric Solutions (OPC) Private Limited B-2104, Jasmine Tower Vasant Vihar, Pokhran, Road No.-2 Thane - 400 610, Maharashtra
- **157.** Shiva Global Agro Industries Limited Near State Bank of India New Mondha, Nanded - 431 602, Maharashtra
- **158.** Shree Pushkar Chemicals and Fertilisers Limited 404 , Picasso Plaza, Above Jyoti Restaurant Kondhawa Khurd Pune - 411 048, Maharashtra
- **159.** Shri Ram Solvent Extractions Private Limited Kashipur Road, Jaspur, District Udham Singh Nagar - 244 712 Uttrakhand
- 160. Silverline Fertilisers Private Limited 2nd Floor, Door No: 19, Old Door No. 67, Dr Ranga Road, Mylapore, Chennai - 600 004, Tamil Nadu
- 161. Singham Bio Crop Care Pvt Ltd 205-206, Pavanveer Plaza
 Opp. IOCL Petrol Pump, Sama-Savli Road, Vadodara - 390 020, Gujarat



- 162. Solvay Specialities India Pvt Ltd. Equinox Business Park, Tower No.-4 9th Floor, Unit No. 903 L.B.S. Marg, Kurla (W) Mumbai - 400 070, Maharashtra
- **163. Sud-Chemie India Private Limited** 401/402 - Office Block, DLF Place Plot : A-4, District Centre, Saket New Delhi - 110 017
- 164. Sulphur Mills Limited 604/605, 349-Business Point, 6th Floor, Western Express Highway Andheri (E), Mumbai - 400 069 Maharashtra
- 165. Suma Agro India Private Limited
 G2 Mythili Apartments,
 21 Mylai Ranganathan St., Thyagaraya Nagar
 Chennai 600 017, Tamil Nadu
- 166. Sun International Private Limited 7th Floor, Le Meridien Commercial Tower Raisina Road New Delhi - 110 001
- 167. T.J.Agro Fertilizers Private Limited A-2/3, J.K. Tower Near Grid, Kabilpore Navsari - 396 424, Gujarat
- **168. Tamilnadu Cooperative Mktg. Fedn** 91, St. Mary's Road Chennai - 600 018, Tamil Nadu
- **169. Technip India Limited** Technip Centre No.19, Velachery Main Road, Guindy, Chennai - 600 032 Tamil Nadu
- **170.** Tecnimont Private Limited Building No.-2, Plot No.504 Chincholi Bunder, Link Rd., Malad (W) Mumbai - 400 064 Maharashtra
- 171. Teesta Agro Industries Limited
 P.O. Rajganj
 Distt. Jalpaiguri
 Jalpaiguri 735 134, West Bengal
- 172. Tessenderlo Kerley India Pvt. Ltd. Regus, 9th Floor, Spaze I Tech Park Tower A1, Sohna Road, Sector 49 Gurugram - 122 018 Haryana

- 173. The Andhra Pradesh State Co-operative Marketing Federation Ltd.
 Door No: 56-2-11, 3rd Phase, APIIC Colony Road Jawahar Auto Nagar, Vijayawada Krishna (Dist.) - 520 007 Andhra Pradesh
- 174. The Gujarat State Cooperative Marketing Federation Ltd.
 N.P. Patel Sahkar Bhavan,
 49, Shrimali SO. Opposite Navrangpura Police Station, Navrangpura
 Ahmedabad - 380 009, Gujarat
- **175. The Haryana State Cooperative Supply and Marketing Federation Limited** Hafed Complex, Sector - 5, Panchkula - 134 114 Haryana
- 176. The Kerala State Co-operative Rubber Marketing Federation Limited P.B. No.15, Gandhi Nagar Kochi - 682 020, Kerala
- 177. The Madhya Pradesh State Cooperative Marketing Federation Limited
 P.O. Jehangirabad
 Bhopal - 462 008, Madhya Pradesh
- 178. The Maharashtra Agro-Industries Development Corporation Ltd. Krushi Udyog Bhavan, Dinkarrao Desai Marg, Aarey Colony, Goregaon (East) Mumbai - 400 063 Maharashtra
- 179. The Maharashtra State Cooperative Marketing Federation Ltd.
 Kanmoor House
 P.B. No. 5080, Narsi Natha Street, Mumbai - 400 009, Maharashtra
- 180. The Vidarbha Cooperative Marketing Society Industrial Area, Model Mill Road, Ganeshpeth Nagpur - 440 018, Maharashtra
- 181. The West Bengal State Cooperative Marketing Federation Ltd Southend Conclave, 3rd Floor, (KMDA Building) Opposite Siemens, 1582, Rajdanga Main Road Kolkata - 700 017, West Bengal
- 182. The World Bank (IBRD) 70 Lodhi Estate New Delhi - 110 001

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- 183. ThyssenKrupp Industrial Solutions (India) Private Ltd. Uhde House, Lal Bahadur Shastri Marg Vikhroli (W), Mumbai - 400 083, Maharashtra
- 184. Timac Agro India Private Limited Ground Floor, Unique Sterling, 8/2 Sterling Road 3rd Cross, Nungambakkam, Chennai - 600 034, Tamil Nadu
- 185. TLI Tradelink India General Trading LLP B2-306, Kanakia Boomerang Chandivali, Powai Mumbai - 400 072, Maharashtra
- 186. Toyo Engineering India Pvt. Limited 214, Splendor Forum, Jasola District Centre Near Apollo Hospital, New Delhi - 110 044
- 187. Tradex India Corporation Pvt. Ltd. C-15, Qutab Institutional Area New Delhi - 110 016
- 188. Trans Farm (Pvt) Limited Mahak Apartments
 1st Floor, Road # 13, Banjara Hills Hyderabad - 500 034, Telangana
- 189. Tubacex Service Solutions India Private Limited 402 A, Platina, G-Block Bandra Kurla Complex, Bandra (East) Mumbai - 400 051, Maharashtra
- **190. TUV Rheinland India Private Limited** Plot No. 417, Udyog Vihar, Phase -IV, Gurugram - 122 015, Haryana
- **191. Ulink Agrotech Private Limited** Office No. 106 (B&C), 6th Floor, E-Spacer IT Park A1 Building, 46/1 Nagar Road, Next to Horbit Mall Pune - 411 014, Maharashtra
- **192.** Uni Abex Alloy Products Limited Plot No. 583, Belur Industrial Area Dharwad - 580 011, Karnataka
- **193. Universal Industries** B-8, Industrial Estate Bazpur Road, Kashipur - 244 713 Uttrakhand
- 194. Universal Speciality Chemicals Private Limited 'Universal House', A/28 Kamgar Nagar Co.Op.Hsg.
 S. G Barve , Near Nandikeshwar Mandir, Kurla East Mumbai - 400 024, Maharashtra
- **195. Uralkali Trading SIA** 303, Eros Corporate Tower Nehru Place, New Delhi - 110 019

- 196. Usashi Bio-Research Private Limited594/1, Dakshindari Road, Bima Abasan,Flat No. E-2/1, First Floor, Post Office SreebhumiKolkata 700 048, West Bengal
- 197. Vanita Agrochem (India) Pvt. Ltd. Gat No. 1036 and 1037, Takawade - Sangli Naka Road, A/P - Takawade, Tal : Shirol, Dist. Kolhapur - 416 121 Maharashtra
- **198.** Vardhman Fertilizers & Seeds Private Limited B-1, Vidha Cooperative Society 73/1, Erandwane, Pune - 411 004 Maharashtra
- **199. Vasu Chemicals LLP** Opposite Blossom Soc., Military Road Marol, Andheri (E) Mumbai - 400 059, Maharashtra
- 200. Vigour Agritech Solutions Pvt. Ltd. Office No. 1 & 2, 1173 Aashirvad Apartment, Sadashivpeth Limayewadi, Tilak Road, Pune - 411 030, Maharashtra

OVERSEAS ASSOCIATE MEMBERS

- 1. Agrifields DMCC 705, JBC5, Jumeirah Lake Towers, PO Box 111225, Dubai, UAE
- 2. Argus Media Singapore Group Pte Limited 50 Raffles Place, #10-01 Singapore Land Tower Singapore 048623
- 3. Aries Fertilizers Group Pte Limited #10-10, 6 Shenton Way DBS Building Tower Two Singapore 068809
- Canpotex International Pte. Limited 38, Beach Road, Phalaborwa, 1390, Transval, # 17-13 South Beach Tower Singapore 189767
- 5. CRU International Limited MidCity Place 71 High Holborn London WC1V 6EA United Kingdom
- 6. ICIS

Quadrant House The Quadrant, Sutton Surrey, 5M2 5A5, United Kingdom





- 7. ICL Fertilizers Potash House P.O.B. 75 Beer-Sheva, 84100, Isreal
- Indo Jordan Chemicals Co. Limited P.O. Box 17028 Amman 11195, Al Rabia Al Rabia, Hashemite, Kingdom of Jordan
- New Century Jiangan Environmental Protection Co. Limited
 29, Suyuan Avenue, Jiangning District, Nanjing 211100, P.R. China
- **10.** Jordan Phosphate Mines Co. S.A. P.O. Box No.30, Amman, Jordan
- **11.** JSC Uralchem6, Presnenskaya Naberezhnaya, 12312Moscow, Russia
- 12. Kingenta Ecological Engineering Group Company Limited No. 19 of Xing Da West Street Linshu Shandong Province, China
- **13.** Kisan International Trading FZE Emaar Business Park # 2 Office EMO 562, Jebel Ali, P.O. Box 261835, Dubai, UAE
- 14. Koch Fertilizer LLC 4111 E, 37 Street North Wichita, Kansas 67220, USA
- **15. OCP S.A.** Direction Commerciale Angle Route d E1 Jadida et Boulevard,, Dela Grande Ceinture, Casablanca, Morocco
- **16.** Oman India Fertiliser Company S.A.O.C. P.O. Box No. 67, PC-411 Sur, Sultanate of Oman
- Saudi Arabian Mining Company "Ma'aden" P.O. Box 68861, Riyadh 11537 Kingdom of Saudi Arabia
- Stamicarbon B.V. Mercator 3, 6135 KW Sittard P.O. Box 53, 6160, AB Geleen, The Netherlands
- **19.** The Arab Potash Company Limited P.O. Box 1470, Amman 11118, Jordan
- **20. Tuv Austria** 603B, Sama Tower Sheikh Zayed Road, Dubai, U.A.E.
- **21. UreaKnowHow.com** Cannerweg 123, 6213 BA Maastricht The Netherlands

The following have been enrolled as members of FAI w.e.f. **1.4.2022**.

Associate Members

- 1. M/s. Agrocel Industries Private Limited, Kutch
- 2. M/s. Anglo American Crop Nutrients India Private Limited, New Delhi
- 3. M/s. AUMVN Industrial Products, Thane
- 4. M/s. Aura Biotechnologies Private Limited, Chennai
- 5. M/s. CFI Technologies Private Limited, Kolkata
- 6. M/s. Combined Logistics Solutions Private Limited, New Delhi
- 7. M/s. Crop Nutri Solutions (India) Private Limited, Secunderabad
- 8. M/s. Cropex Limited, Bangalore
- 9. M/s. Exceed Crop Science Private Limited, Hubli
- 10. M/s. Fertiplant Engineering Co. Private Limited, Mumbai
- 11. M/s. Green Grow Nutrients Private Limited, Bengalore
- 12. M/s. Green Planet Bio Products, Jalandhar
- 13. M/s. Indotech Speciality Private Limited, Aurangabad
- 14. M/s. IPL Biologicals Limited, Gurugram
- 15. M/s .ITT Engineering India Private Limited, Mumbai
- 16. M/s. Jaipur Bio Fertilizers, Jaipur
- 17. M/s. KLJ Resources Limited, Mumbai
- 18. M/s. Kutch Copper Limited, Ahmedabad
- 19. M/s. Lohia Corp Limited, Kanpur
- 20. M/s. M.D. Biocoals Private Limited, Haryana
- 21. M/s. Mexican Agro Chemical Limited, Indore
- 22. M/s. New Ar Vee Agro Chemical, Jalandhar
- 23. M/s. OAN Industries Private Limited, Jaipur
- 24. M/s. RD Agro Inputs, Krishnagiri, Tamil Nadu
- 25. M/s. Saybolt Inspection Services India Private Limited, Mumbai
- 26. M/s. Singham Bio Crop Care Private Limited, Vadodara
- 27. M/s. Suma Agro India Private Limited, Chennai
- 28. M/s. Tamilnadu Cooperative Marketing Federation Limited, Chennai
- 29. M/s. TUV Rheinland India Private Limited, Gurugram
- 30. M/s. Ulink Agrotech Private Limited, Pune
- 31. M/s. Uni Abex Alloy Products Limited, Dharwad
- 32. M/s. Vigour Agritech Solutions Private Limited, Pune

Overseas Associate Members

1. M/s. JSC Uralchem, Russia

The following have been ceased to be members of FAI w.e.f. 01.01.2022

Active Members

1. M/s. MMTC Limited, New Delhi

Associate Members

- 1. M/s. Ebara Machinery India Private Limited, Mumbai
- 2. M/s. Mahafeed Speciality Fertilizers (India) Private Limited, Pune
- 3. M/s. Leon Inspection & Testing India Private Limited, Chennai

Overseas Associate Members

- 2. M/s. Foskar Limited, South Africa
- 3. M/s. JSC NIIK, Russia

The following have been enrolled as members of FAI w.e.f. 1.4.2023.

Active Members

1. M/s. Madhya Bharat Agro Peroducts Limited

Associate Members

- 1. M/s. Alligo Horizon Private Limited, Nashik
- 2. M/s. Blue Phosphate Limited, Udaipur
- 3. M/s. Gencrest Bio Products Private Limited, Mumbai
- 4. M/s. Kasturchand Fertilizers Private Limited, Nagpur
- 5. M/s. Nature Organics, Sangli, MS
- 6. M/s. Sadhana Phosphates & Chemcials Limited, Udaipur
- 7. M/s. Sardar Agro Fertilizers & Chemicals Private Limited, Rajkot

- 8. M/s. Shri Laxminarayan Chemicals and Fertilizer Private Limited, Dharwad
- 9. M/s. Subhodaya Chemicals Private Limited, Visakhapatnam
- 10. M/s. Transworld Furtichem Private Limited, Distt. Raigad

Overseas Associate Members

1. M/s. Torbert DMCC, Dubai

Change of Company Name

Active Members

1. M/s. The Dharamsi Morarji Chemical Company Limited to M/s.DMCC Specialty Chemicals Limited

Associate Members

1. M/s. KPR Agrochem Limited to M/s. KPR Crop-Science Private Limited

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APPENDIX X

Form No.MGT-9

Extract of Annual Return as on the Financial Year ended on 31.03.2023

(a) Extract of Annual Return

- I. Registration and other details:
- i) CIN U85300DL 1955NPL002999 : ii) **Registration Date** 27.05.1955 : iii) Name of the Company The Fertiliser Association of India : iv) Category of the Company Company limited by guarantee. : Sub-category of the company Company licensed U/s 26 of the v) : Indian Companies Act 1913 corresponding to section 8 of the Companies Act 2013. vi) Address of the Registered office FAI House, : and contact details 10, Shaheed Jit Singh Marg New Delhi-110067 Tele: 011-26567144 vii) Whether listed company No : viii) Name, Address and contact details of N.A. : Registrar and Transfer agent, if any II. Principal Business Activities of the Company To unite all firms, companies, : Corporations, Associations and individuals engaged in the Fertiliser Industry in India with a view to Promoting the consideration and Discussion of all questions affecting the trade of Fertilisers and the interest of sound agriculture and for the improvement of the economic development of the Fertiliser and Agricultural Industries, etc. Ш. NIL Particulars of Holding, Subsidiary and Associate companies IV. Share Holding Pattern (Equity Share capital Breakup as percentage of Total N.A Equity) V. Indebtedness NIL : VI. Remuneration of Director General* Rs. i) Salary 20,82,500 ii) Perquisites 3,96,000 iii) Others 13,78,945 Total 38,57,445

NIL

VII. Per	nalties/Punishment/Compounding of Offences:	
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b) Number of meetings of the Board

Four meetings of the Board were held during the year, as per the details below:

	Meeting Sl. No.	Date of Meeting
1.	404^{th}	21 st July, 2022
2.	405 th	9 th September, 2022
3.	406 th	7 th December, 2022
4.	407^{th}	20 th March, 2023

Meetings were found extremely useful for discussing various problems and issues and for formulating strategies to be followed by the Association for achieving the desired results.

c) Directors Responsibility Statement

- i. In the preparation of the annual accounts, the applicable accounting standards had been followed along with proper explanation relating to material departures;
- ii. The Directors had selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the income and expenditure of the company for that period;
- iii. The Directors had taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the company and for preventing and detecting fraud and other irregularities;
- iv. The Directors had prepared the annual accounts on a going concern basis and
- v. The Directors had devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were adequate and operating efficiently.
- d) The amounts, if any, which it proposes to carry to any reserves Rs. 2,78,51,768/-
- e) Foreign Exchange earnings and outgo i) Earnings Rs. 3,90,12,252/ii) Out go Rs. 4,64816/-

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INDEPENDENT AUDITOR'S REPORT

To, The Members of **THE FERTILISER ASSOCIATION OF INDIA** New Delhi

Report on the Financial Statements

We have audited the accompanying financial statements of **THE FERTILISER ASSOCIATION OF INDIA** ("the Association"), which comprise the Balance Sheet as at 31 March 2023 and the Income & Expenditure Account for the year ended and a Summary of the Significant Accounting Policies and other explanatory information.

Management's Responsibility for the Financial Statements

The Association's Board of Directors is responsible for the matters stated in section 134(5) of the Companies Act, 2013 ("the Act") with respect to the preparation of these financial statements that give a true and fair view of the financial position, financial performance of the Association in accordance with the accounting principles generally accepted in India, including the Accounting Standards specified under section 133 of the Act, read with rule 7 of the Companies (Accounts) Rules, 2014. This responsibility, also, includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the Association and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express an opinion on these financial statements based on our audit.

We have taken into account the provisions of the Act, the accounting and auditing standards and matters, which are required to be included in the Audit Report under the provisions of the Act and the rules made there under.

We conducted our audit in accordance with the Standards on Auditing specified under section 143(10) of the Act. Those standards require that we comply with ethical requirements and plan & perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures, selected, depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the Association's preparation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on whether the Association has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the Association's directors, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give the information required by the Act in the manner, so required, and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Association as at 31 March 2023, its surplus for the year ended on that date.

Emphasis of Matters

We draw attention to the following matters in the Notes to the financial statements:

None

Our opinion is not modified in respect of these matters

Other Matter

With respect to the Other Matters to be included in the Independent Auditor's Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, in our opinion and to the best of our information and according to the explanations given to us:

- The Association has the pending litigations before the Commissioner of Income Tax (Appeal) for financial year 2014-2015 (under the Income Tax Act, 1961). If the litigation is not in favour of the Association, it would impact the financial position of the Association.
- The Association did not have any long-term contracts, including derivative contracts, for which there were any material foreseeable losses.
- There were no amounts, which were required to be transferred to the Investor Education and Protection Fund.

Our opinion is not modified in respect of this matter.

Report on Other Legal and Regulatory Requirements

As required by section 143(3) of the Act, we report that:

- a) we have sought and obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit.
- b) in our opinion, proper books of account, as required by law, have been kept by the Association, so far as it appears from our examination of those books.
- c) the Balance Sheet and the Income & Expenditure Account dealt with by this Report are in agreement with the books of account.
- d) In our opinion, the aforesaid financial statements comply with the Accounting Standards specified under section 133 of the Act, read with Rule 7 of the Companies (Accounts) Rules, 2014.
- e) On the basis of the written representations received from the directors as on 31 March 2023 taken on record by the Board of Directors, none of the directors is disqualified as on 31 March 2023 from being appointed as a director in terms of Section 164(2) of the Act.

-Sd-

Rajeev Lochan, Partner Membership Number: 086742 Lochan & Co

Chartered Accountants Firm Registration Number: 008019N

UDIN: 23086742BGWQCE5694

Place : Delhi Date : 14. July. 2023


THE FERTILISER ASSOCIATION OF INDIA BALANCE SHEET

BALANCE SHEET As on 31 March 2023

	As at March 31,2023	Rs. '000					30,352.51											
(Arriouri		Rs. '000				30,352.51									552.66	225.90		
		Rs. '000			61,830.83	31,478.32												
	Assets		FIXED ASSETS (Net block)	Per Schedule A annexed	Gross cost	Less: Depreciation								EARMARKED ACCOUNTS (Per contra) (As per schedule D(i))	TSI- Awards	IPNI Awards (As per Schedule D(ii))		
	As at March 31,2022	Rs. '000				28,383.91									537.45	220.10		
	As at March 31,2023	Rs. '000									2,81,042.02							
											2,79,074.86							
		Rs. '000		1,967.16			2,51,223.09			27,851.77					552.66			
	Liabilities		RESERVES AND SURPLUS	General Reserve		Income and Expenditure Account	As per Previous year balance sheet	Add: Excess of income over	expenditure as	per annexed account		EARMARKED ACCOUNTS	(Invested per contra)	THE SULPHUR INSTITUTE (TSI) AWARDS	Balance as per Schedule B(i) annexed	INTERNATIONAL PLANT NUTRITION INSTITUTE OF CANADA	(IPNI) AWARDS	Funds received from International Plant Nutrition Institute of
	As at March 31,2022	Rs. '000		1,967.16			2,51,223.09								537.45			

_	As at March 31,2023	Rs. '000						7,826.42		97.73			385.38	
		Rs. '000			727.55			6,320.32						
		Rs. '000												
	Assets				NFL Awards (As per Schedule D(iii))			GOLDEN JUBILEE ENDOWMENT FUND (GJEF) (As per Schedule D(V))		NON CURRENT LOANS & ADVANCES		CURRENT ASSETS, LOANS AND ADVANCES	(i) STOCK OF PAPER (AT COST)	(ii) SUNDRY DEBTORS
2023	As at March 31,2022	Rs. '000			699.65			6,039.02		97.73			135.26	
As on 31 March 2023	As at March 31,2023	Rs. '000							7,826.42		38,610.04			
As on														
		Rs. '000		225.90			727.55		6,320.32					
	Liabilities		Programme represented by IPNI India and Bangladesh Program, Gurgaon	Balance as per Schedule B (ii) annexed	NATIONAL FERTILIZERS LIMITED (NFL) AWARDS	Funds received from National Fertilizers Limited, New Delhi	Balance as per schedule B (iii) annexed	GOLDEN JUBILEE ENDOWMENT (GJEF) FUND	Balance as per schedule B(v) annexed		Agriculture promotion project (As per Schedule C(i))	CURRENT LIABILITIES AND PROVISIONS		A. CURRENT LIABILITIES
	As at March 31,2022	Rs. '000		220.10			699.65		6,039.02		39,150.04			

BALANCE SHEET As on 31 March 2023



BALANCE SHEET As on 31 March 2023

As at March 31,2023	Rs. '000																			
	Rs. '000									2,356.89							7,665.18	10,022.07		
	Rs. '000				2,356.89	953.57	3,310.46		953.57				7,665.18		7,665.18	ı				11.23
Assets		(ii) SUNDRY DEBTORS	Unsecured	(a) Outstanding for a period exceeding six months	Considered good	Considered doubtful			Less: Provision for doubtful debts			(b) Other debts	Considered good	Considered doubtful		Less: Provision for doubtful debts			(iii) CASH AND BANK BALANCES	Cash and cheques on hand
As at March 31,2022	Rs. '000									2,385.03					4,102.97					19.84
As at March 31,2023	Rs. '000															44,421.36				
		-																		
	Rs. '000							38,156.54					3,818.89			2,445.93				
				2,514.16		2,015.14		33,627.23				141.68	3,677.22							
Liabilities		A. CURRENT LIABILITIES		Govt. Dues	Sundry creditors	Dues of other than small scale industrial undertakings	Advances received against membership subscription	training fees, rent, advertisements and research project			B. OTHER CURRENT LIABILITES	Expenses Payable	Other Liabilities		C. PROVISIONS	Provision for expenses				
As at March 31,2022	Rs. '000			1,558.10		129.91		19,308.70				128.08	1,489.43			2,039.69				

	As at March 31,2023	Rs. '000													3,33,237.80	3,71,899.84
		Rs. '000					2,77,828.60							45,387.13		
		Rs. '000		2,694.50	2,64,500.00	10,622.87					12,517.01	23,096.30	9,773.82			
	Assets		Balance with scheduled banks	On current accounts	On deposit accounts	On saving bank accounts		(iv) LOANS AND ADVANCES	(Unsecured and considered good)	Advances recoverable in cash or in kind or for value	to be received*	Income-tax deducted at source	Interest accured on deposits			
h 2023		Rs. '000		1,094.02	2,38,042.67	7,687.49					9,885.03	19,828.18	5,332.08			3,24,490.44
As on 31 March 2023	As at March 31,2023	Rs. '000														3,71,899.84
As or																
		Rs. '000														
	Liabilities															
	As at March 31,2022	Rs. '000														3,24,490.44

BALANCE SHEET

For Notes to the Accounts - See schedule 'F'

-Sd-

Rajeev Lochan, PartnerMembership Number: 086742 Lochan & Co Chartered Accountants Firm Registration Number: 008019N

-Sd-UDIN : 23086742BGWQCE5694 D. Ramakris Place: New Delhi Secretary & T

Date: 14. July. 2023

-Sd-**D. Ramakrishnan** Secretary & Treasurer

-Sd-**Arvind Chaudhary** Director General

-Sd-**S.C. Mehta** Co-Chairman

-Sd-N. Suresh Krishnan Chairman



INCOME AND EXPENDITURE ACCCOUNT for year ended on 31 March 2023

Previous year	Expenditure	Current year	Previous year	Income		Current year
Rs. '000		Rs. '000	Rs. '000		Rs. '000	Rs. '000
47,301.08	Salaries and wages	45,593.46		Entrance fee from members		
4,484.11	Contributions to provident fund	4,803.51	4.50	Associate		15.50
5,568.10	Contributions to superannuation and other funds	4,969.38	2.00	Active		1
424.74	Contribution to gratuity fund	438.84		Membership fees from members		
478.33	Contribution to leave encashment assurance scheme	890.92	26,534.25	Active	24,033.75	
2,812.67	Staff welfare expenses	2,548.89	3,560.00	Associate	3,370.00	
3,796.03	Cost of publications (excluding overheads)	4,706.65	2,683.07	Overseas associate	2,324.67	
48.81	Workshops, seminars, meetings etc.	316.71	189.00	Technical and professional associate	210.50	
11,991.82	Annual Seminar Expenses	30,430.23	1,271.94	Website - subscription	1,403.29	31,342.21
1,641.97	Rates and taxes	1,471.02				
1,662.82	Electricity and water (net of recoveries)	2,139.04	12,343.35	Rent (gross) (Tax deducted at source Rs.1,157,300/-)		11,572.74
122.82	Insurance	125.84		Previous year Rs.1,249,332/-)		
1,053.60	Printing. Stationary & communication	1,292.06				
			5,099.76	Advertisement revenue (Tax deducted at source Rs 71,083/-)		5,184.76
				Previous year Rs.79,560/-)		
72.79	Journals and periodicals	223.61	1,964.44	Sale of association's publications		2,146.31
669.98	Travelling and conveyance	1,115.29				

THE FERTILISER ASSOCIATION OF INDIA INCOME AND EXPENDITURE ACCCOUNT for vear ended on 31 March 2022

(Amount in INR)

	Current year	Rs. '000			8,585.50				66,126.71													14,038.34	30.99	20.00	243.65
		Rs. '000		23,786.09	15,200.59															13,793.23	47.59	197.52			
												14,123.43	1			15.20	5.79	27.90	281.30	330.19					
Tor year ended on 31 March 2022	Income		Industry agronomist etc. (per schedule E annexed)	Training fee received	Less: Training Programme expenses (excluding overheads)				Annual Seminar Receipts		Interest received from: (Gross)*	Deposits with banks	Less: Transferred to:			TSI Award	IPNI Award	NFL Award	GJE Fund	Subtotal	Loans to staff	Income Tax Refund	Profit on sale of fixed assets	Bad Debts written back	Miscellaneous receipts
suded on s	Previous year	Rs. '000			4,316.77				21,417.32											13,025.15	51.37	357.02	215.00	4.50	122.61
tor year e	Current year	Rs. '000								1,818.30	51.48	439.04	1,342.29	1,701.89	139.16	805.01	4,092.35								
							323.50	227.52	837.82	429.46															
	Expenditure					Repairs and maintenance	- Building	- Plant and machinery	- Others	- Security charges (Building)	Bad debts written off	Provision for Doubtful debt	Depreciation	Professional & Consultancy Charges	Audit fee	Exchange fluctuations	Miscellaneous expenses								
	Previous year	Rs. '000					761.89	206.76	626.43	301.59	451.94	54.32	2,055.33	1,806.45	122.00	136.40	2,855.11								



INCOME AND EXPENDITURE ACCCOUNT for year ended on 31 March 2022

(Amount in INR)

Previous year Rs. '000	Previous Expenditure year Rs. '000	Current year Rs. '000	Previous year Rs. '000	Income	Rs. '000	Current year Rs. '000	
1,654.17	1,654.17 Balance being excess of income	27,851.77					_

For notes to accounts see schedule 'F' As per our report attached to the balance sheet

-Sd-Rajeev Lochan, PartnerMembership Number: 086742 Lochan & CoChartered Accountants Firm Registration Number: 008019N

UDIN: 23086742BGWQCE5694

Place: New Delhi

Date: 14. July. 2023

-Sd-**D. Ramakrishnan** Secretary & Treasurer

-Sd-**Arvind Chaudhary** Director General

-Sd-**S.C. Mehta** Co-Chairman

-Sd-**N. Suresh Krishnan** Chairman

Schedule - A to F Annexed to and forming part of the accounts

Fixed Assets

Schedule "A"

		GRUSS BLUCK	S BLUCK AI BLUCK VALUE	UE		DEPR	DEPRECIATION		NET	NET BLOCK
Particulars	As at 1.4.2022	Additions during the year	Deductions during the year	As at 31.3.2023	As at 1.4.2022	For the year	Deductions during the year	As at 31.3.2023	As at 31.3.2023	As at 31.3.2022
Leasehold Land- FAI,Delhi	144.90	1	1	144.90	I	1	1	1	144.90	144.90
Buildings	35,688.40	1	1	35,688.40	9,909.57	669.58	1	10,579.16	25,109.24	25,778.83
Airconditioning plant and										
diesel generator set	5,514.78	1	1	5,514.78	3,750.83	297.50	1	4,048.33	1,466.46	1,763.95
Furniture & Fittings etc.	7,704.58	1	1	7,704.58	7,523.97	35.33	1	7,559.30	145.28	180.61
Office Equipment,										
air conditioners etc.	2,894.50	1,014.84	134.53	3,774.81	2,690.34	111.11	134.53	2,666.93	1,107.88	204.15
Vehicle	3,078.02	1	1	3,078.02	2,945.90	15.19	1	2,961.08	116.94	132.13
Computers	4,097.77	2,296.05	468.48	5,925.33	3,918.43	213.58	468.48	3,663.53	2,261.80	179.33
Total	59,122.95	3,310.90	603.01	61,830.83	30,739.04	1,342.29	603.01	31,478.32	30,352.51	28,383.91
Total Previous Year	60,391.88	227.48	1,496.40	59,122.95	30,180.11	2,055.33	1,496.40	30,739.04	28,383.91	



EARMARKED ACCOUNTS (invested per contra

Schedule "B (i)": Fund received from The Sulphur Institute (TSI), Washington for TSI Awards

	(An	nount in Rs. '00
Previous Year	Particulars	Amoun
522.79	Balance as per last year's Balance Sheet	537.4
14.67	Add: Interest received / accrued on deposits during the year	15.2
537.45	Sub total	552.6
-	Less: Awards	
537.45	Balance	552.6

Schedule "B (ii)": Fund received from International Plant Nutrition Institute (IPNI) Awards

	(An	nount in Rs. '000)
Previous Year	Particulars	Amount
213.89	Balance as per last year's Balance Sheet	220.10
6.21	Add: Interest received / accrued on deposits during the year	5.79
220.10	Sub total	225.90
	Less: Awards	
220.10	Balance	225.90

Schedule "B (iii)": Fund received from National Fertilisers Limited (NFL), New Delhi for NFL Awards

(Amount in Rs. '000)

Previous Year	revious Year Particulars	
670.32	Balance as per last year's Balance Sheet	699.65
29.32	Add: Interest received / accrued on deposits during the year	27.90
699.65	Sub total	727.55
-	Less: Awards	-
699.65	Balance	727.55

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	(Amo	unt in Rs. '000)
Previous Year	Particulars	Amount
5,743.23	Balance as per last year's Balance Sheet	6,039.02
-	Funds transferred from FAI during year	-
295.79	Add: Interest received / accrued on deposits during the year	281.30
6,039.02	Sub total	6,320.32
-	Less: Awards	-
6,039.02	Balance	6,320.32

Schedule - C

(i) - Agriculture Promotional Projects As at March 31, 2023

Previous year	Particulars	Current year
39,870.04	Balance as per last year's Balance Sheet	39,150.04
	Add:	
	Funds received during the year	-
39,870.04	Total (A)	39,150.04
	Less:	
	Awards	-
-	National Conference on Ornamental Horticulture to Rural Economy	-
720.00	Honorarium	540.00
-	Miscellaneous Expenses	-
-	Project on doubling the income of Farmers	-
720.00	Total (B)	540.00
39,150.04	Balance (A-B)	38,610.04





Application of funds received

D (i)Schedule: The Sulphur Institute (TSI), Washington for TSI Awards

(Amount in Rs. '000)

Previous Year	Particulars	Current Year
-	FDs	-
516.91	Bank Bal	534.51
-	Int accd	-
20.54	TDS	18.14
	Amount receivable from FAI	-
537.45	Total	552.66

D(ii) International Plant Nutrition Institute (IPNI) Awards

(Amount in Rs. '000)

Previous Year	Particulars	Current Year
-	FDs	-
217.96	Bank Bal	223.76
-	Int accd	-
2.14	TDS	2.14
220.10	Total	225.90

D(iii) National Fertilisers Limited (NFL), New Delhi for NFL Awards

(Amount in Rs. '000)

Previous Year	Particulars	Current Year
368.00	FDs	318.00
327.66	Bank Bal	405.66
3.17	Int accd	3.06
0.82	TDS	0.82
699.65	Total	727.55

D(iv) Golden Jubilee Endowment Fund (GJEF)

(Amount in Rs. '(
Previous Year	Particulars	Current Year
5,073.00	FDs	6,050.00
880.67	Bank Bal	196.74
58.44	Int accd	45.69
26.91	TDS	27.89
6,039.02	Total	6,320.32

Schedule - E

Receipts and Expenses against the Training courses for Technical, Marketing Personnel Industry etc. held during the year ended on 31 March 2023

0 ,		(Amount in Rs. '000)
Previous Year	Particulars	Current Year
6,508.25	Training Fees Received (A)	23,786.09
	Less: Expenses Incurred	
1,613.35	Boarding & Lodging	10,564.89
83.96	Travel & conveyance Expenses	1,380.94
82.50	Honorarium	87.50
-	Photographs	19.20
411.68	Miscellaneous Expenses	3,148.05
2,191.49	Total (B)	15,200.59
4,316.77	Net Receipt [(A)-(B)]	8,585.50



Summary of Significant Accounting Policies and Notes to Accounts Summary of Significant Accounting Policies

1 Significant accounting policies:

i) Accounting convention

The financial statements are prepared under the historical cost convention in accordance with applicable mandatory accounting standards and relevant presentational requirements of the Companies Act, 2013 following accrual basis of accounting.

ii) Fixed assets and depreciation

Fixed assets are stated at cost less accumulated depreciation. The cost of acquisition is inclusive of freight, taxes and other incidental expenses till ready to use.

Depreciation is provided using the Straight-Line Method as per the useful lives of the assets prescribed under schedule II of the Companies Act, 2013. The useful life for depreciation used are as follows:

Asset	Life as per Schedule II	
Building	60 years	
Air conditioner & Generator Sets	15 years	
Furniture & Fixture	10 years	
Office Equipment	5 years	
Vehicle – Car	6 years	
Vehicle - Motor Cycle	10 years	
Computer	3 years	
Server	6 years	

In case of cost of improvements to leasehold premises, cost is amortized over the period of lease (including renewal options) of the premises or the useful life of leasehold improvements, whichever is lower.

No write off is made in respect of leasehold land as the lease is a long lease.

Assets having value of INR 5,000 or less, individually, have been fully depreciated in the year of purchase.

iii) Retirement Benefits

- a) The Association has various schemes of retirement benefits such as provident fund, gratuity, leave encashment and superannuation fund. The provident fund, gratuity and superannuation fund are administered by trustees of an independently constituted Trusts recognized by the Income-tax authorities. The Group Leave Encashment cum Life Assurance Scheme (Cash Accumulation) Scheme is administered by FAI through LIC. Contributions to the gratuity fund, superannuation fund and Group Leave Encashment Scheme are made in accordance with the terms of the scheme of the Life Insurance Corporation of India. Periodic Contributions to the funds are charged against revenue each year.
- b) Liability for leave encashment benefit payable to employees on retirement is provided on an arithmetical calculated on the basis of accumulated un-availed leaves standing to the credit of employees at the year-end by taking the last drawn salary into account.

iv) Foreign currency transactions

Foreign currency transactions are accounted for at exchange rates prevailing on the date the transaction takes place. The transactions in foreign currencies which are not settled on the date of balance sheet are translated into rupees taken into account the exchange rate prevailing on the date of Balance Sheet. Any income or expense on account of exchange difference either on settlement or transaction is recognized in the income and expenditure account except that the variation in the long-term liabilities incurred for acquisition of Fixed Assets up to 31 March 2004 is adjusted to the cost of Fixed Assets. In case such liabilities are incurred and utilized for acquisition of Fixed Assets after 31 March 2004, the gain or loss on settlement date or on conversion at the rates prevailing at the year-end is charged to the income and expenditure account.

- 2 Income from membership fees is accounted for on an accrual basis except for membership dues from technical and professional associate members, which are accounted for on a cash basis.
- 3 Subscriptions received for journals and periodicals are accounted for on a cash basis.
- 4 Training fees received from FAI Training Courses for technical / marketing personnel, industry agronomist etc. are shown net of expenses incurred in conducting such training courses.
- 5 Interest on Fixed Deposits with banks and companies has been calculated on day basis based on the calculation done by banks.
- 6 Cost of publications is charges off in the year, in which such expenditure is incurred.
- 7 Interest received and accrued on deposits held for earmarked accounts and awards and other expenditure incurred of earmarked accounts are credited / debited directly to the respective accounts.
- 8 Funds received under Agriculture Promotion Project (APP) and Agriculture Promotion Project-Public Relation and expenditure incurred under the projects and credited / debited directly to the respective projects.

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	(Amount in Rs.'00		
		Current Year	Previous Year
9	Honorarium to faculty members and ex-gratia payments to staff have been debited to	other	
	heads such as FAI Training courses, Seminars etc.	10,801.26	9,977.19
10	Managerial remuneration of the Director General under	3,857.45	12,668.19
	section 197 of the Companies Act 2013		
	* does not include incremental liabilities for gratuity and leave encashment, if any.		
11	Auditors' remuneration		
	Statutory Audit Fee	125	110
	PF Trust Audit Fees	12	12
	Management Services	0	0
12	Expenditure in foreign currency on account of:		
	a) Subscription to foreign journals and books	0	0
	b) Membership of foreign organizations (cash basis)	8.93	13.29
	c) Foreign Travel	455.89	0
13	Earnings in foreign exchange (cash basis) for sale of publications, advertising, .	39,012.25	8,101.43
	membership fees etc		

14 The Association recognizes provision for bad and doubtful debt on specific basis as deemed appropriate depending on ageing of the receivable and information available of the related debtor.

15 No impairment losses are considered to have occurred in carrying value of assets and hence are considered to realize their carrying value in ordinary course of business.

16 Inventory of unused paper supplies are valued at cost based on weighted average method.

17 The Association, vide Order dated 22 June 1994 of Assistant Director of Income Tax has been registered under section 12A(a) of the Income Tax Act, 1961 with effect from 01 April 1993, and has been claiming exemption under sections 11 and 12 of the Income Tax Act, 1961. As such no provision for income tax been considered. Also the exemption has been renewed for 5 years vide order dated 23 Dec 2021 of Commissioner on Income Tax from AY 2022-23 to AY 2026-27.

18 Disclosures in respect of the Accounting Standard 19 titled "Leases", issued by the Institute of Chartered Accountants of India for operating leases commencing on or after 01 April 2001:

The Association has entered into operating lease arrangements for leasing the second floor and Ground Floor of its office premises

- (a) Some of the significant terms and conditions of the arrangements are as under:
- Agreement may generally be terminated by the lessees by serving two months' notice.
- The lease is generally renewable on the expiry of the lease period subject to mutual agreement.
- (b) The gross carrying amount, the depreciation for the year and the accumulated depreciation as at 31 March 2023 are as under:

			(Amount in Rs.'000)
Description of the Asset	Gross Carrying Amount	Depreciation for the Year	Accumulated Depreciation
Building	5,550.85	91.61	2,047

19 Contingent Liabilities

The Assistant Commissioner of Income Tax (Exemption), New Delhi has raised an income tax demand of INR 13,153,950 (including interest) in assessment under section 143(3) of the Income Tax Act, 1961 for assessment year corresponding to financial year 2014-2015. The Association has filed an appeal before Commissioner of Income Tax (Appeal) on 05 January 2018. The Appeal has been heard and the Commissioner of Income Tax (Appeal) has reserved the decision.

20 Previous year's figures have been regrouped / recast, wherever necessary.

As per Audit Report of even date attached

-Sd-

Rajeev Lochan, Partner Membership Number: 086742 Lochan & Co Chartered Accountants Firm Registration Number: 008019N

UDIN: 23086742BGWQCE5694 -Sd-

Date: 14 July. 2023D. RamakrishnanPlace: New DelhiSecretary & Treasurer

-Sd-Arvind Chaudhary Director General -Sd-**S.C. Mehta** Co-Chairman -Sd-N. Suresh Krishnan Chairman



SENIOR STAFF OF FAI

CENTRAL OFFICE

Shital S. Bhende	Senior Agronomist	
Rama Gupta	Senior Officer (Accounts)	
Anita Kumari	Senior Officer (Publicity)	
Chanchal Soni	Senior Statistical Officer	
Lalit Kumar	Senior Agronomist	
Ashish Chaudhary	Officer (Technical)	
Celine George	Senior Officer (Secretarial)	
Ajay Kumar	Officer (Agriculture Deptt.)	
Prakash Kumar	Junior Officer (Accounts)	
Ajendra Bhargav	Junior Officer (IT)	

REGIONAL OFFICES

EAST Regional Executive S.K. Singh NORTH Harinder Kaushik Officer SOUTH S.Venkatesan Senior Statistical Officer

WEST S.P. Shete Shilpa K.Chirke

Regional Executive Officer



FAI REGIONAL OFFICES

NORTHERN REGION The Fertiliser Association of India FAI House, 10 Shaheed Jit Singh Marg New Delhi – 110 067	Tel Fax E.mail	•	011-46005214 011-26960052 nr@faidelhi.org
SOUTHERN REGION Module 16, Block G-1 Garment Complex SIDCO Industrial Estate Guindy, Chennai - 600 032	Tel Fax E.mail	: :	044-22501862 044-22501240 sr@faidelhi.org
EASTERN REGION Flat 1 R, Ganpati Building 3, Kavi Bharati Sarani (Lake Road) Kolkata - 700 029	Tel Fax E.mail	•	033-24638256 033-24638257 er@faidelhi.org
WESTERN REGION Flat No.3 New Commonwealth Society 229 Linking Road Bandra (W), Mumbai - 400 050	Tel Fax E.mail	:	022-26518162 022-26416174 wr@faidelhi.org



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