



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



K.S. Raju
Chairman, FAI
Chairman, NFCL



Manoj Mishra
Co-Chairman, FAI
CMD, NFL



H.S. Bawa
Emeritus Director, FAI
upto 10.12.2017



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



P.S. Gahlaut
MD, IPL



A. Vellyan
Emeritus Director, FAI
Adviser, Coromandel International Ltd.
w.e.f. 02.04.2018



Rakesh Kapur
Jt. MD, IFFCO



Rajiv Chopra
CMD, STC



P.R. Dhariwal
MD, Matix Fertilisers & Chemicals Ltd.
w.e.f. 02.04.2018



Umesh Dhattrak
CMD, RCF
w.e.f. 05.12.2017

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Sameer Goel
MD, Coromandel International Ltd.



O.P. Gupta
MD, Kribhco Fertilizers Ltd.



Rajiv Kumar Gupta
MD, GNFC
upto 30.07.2018



A.K. Jain
Vice Chairman, KFCL



Anil Kapoor
MD, CFCL



K.K. Kaul
WTD, DCM Shriram



Shailesh Khaitan
CMD
Khaitan Chems. & Ferts.



A. B. Khare
CMD, MFL



Rahul Kohli
CEO (Fert. Business)
Grasim Industries
(Unit : Indo Gulf Fertilisers)



N. Suresh Krishnan
MD, MCFL



J.C. Laddha
CEO-Birla Copper
Hindalco Industries Ltd.



S.C. Mehta
CMD, DFPCL



Manish Nagpal
CEO, Greenstar Fertilizers Ltd.



Sundeep Kumar Nayak
MD, NCDC
w.e.f. 02.04.2018



Akshay Poddar
Director, ZAFL



Ved Prakash
CMD, MMTTC
w.e.f. 25.09.2017



D.S. Sudhakar Ramaiah
CMD, PDIL



S.R. Ramakrishnan
WTD, SPIC



S.S. Ranade
Chairman
Ranadey Micronutrients
upto 25.09.2017



N. Sambasiva Rao
MD, KRIBHCO

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Narasimha Rao
CEO, Yara Fertilisers India Pvt. Ltd.
w.e.f. 02.04.2018



Challa Narasimha Reddy
VP&BUH (AB), JACPL
w.e.f. 02.04.2018



Sunil Sethy
MD, PPL
w.e.f. 25.09.2017



S.D. Singh
CMD, BVFCL



D.K. Sundar
COO (Urea Business)
Tata Chemicals Ltd.
upto 30.07.2018



Suresh Warrior
CMD, RCF
upto 05.12.2017



S.P. Yadav
ED (AB), GSFC



Satish Chander
DG, FAI

PRINCIPAL OFFICERS OF FAI



S. Nand
Deputy Director General



T.K. Chanda
Adviser



D.S. Yadav
Director (Marketing)



R.K. Tewatia
Additional Director
(Agricultural Sciences)



A.C. Dubey
Chief Economist



D. Ramakrishnan
Secretary & Treasurer



Manish Goswami
Chief (Technical)



Parag Dass Saxena
Chief (Marketing)



D.D. Khose
Regional Head (West)



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



D.P. Patra
Regional Head (East)



Kabita Debnath Das
Dy. Chief (Documentation &
Information)



Kuldeep Sati
Dy. Chief (Statistics & IT)

NOTICE OF ANNUAL GENERAL MEETING

THE FERTILISER ASSOCIATION OF INDIA

(Company Limited by Guarantee)

Licensed Under Section 26 of the Companies Act 1913

Regd. Office: FAI House, 10, Shaheed Jit Singh Marg, New Delhi 110067, INDIA

CIN: U85300DL 1955NPL002999

Notice is hereby given that the 63rd Annual General Meeting of The Fertiliser Association of India (FAI) will be held on Wednesday the 26th September, 2018 at 10.45 hours in the Board Room of FAI, located at FAI House, 10, Shaheed Jit Singh Marg, New Delhi-110067, to transact the following business:

ORDINARY BUSINESS

1. To receive and adopt the Directors' Report for the year 1st April, 2017 to 31st March, 2018.

2. To receive and adopt the Audited Statements of Accounts of the Association for the year 1st April 2017 to 31st March, 2018 viz, the Income and Expenditure Account for the year ended on the 31st March, 2018 and the Balance Sheet as at the 31st March, 2018.

3. To 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:

- (i) Mr. J.C.Laddha (DIN 03266469) representative of M/s Hindalco Industries Ltd., to represent the interest of nitrogenous and complex fertiliser manufacturers.
- (ii) Mr. Manish Nagpal (DIN 03169160) representative of M/s Greenstar Fertilizers Limited, to represent the interest of nitrogenous and complex fertiliser manufacturers.

The above Directors being eligible and qualified offer themselves for re-election in accordance with Article 85 of the Articles of Association of FAI.

4. Ratification of Appointment of Auditors

To ratify the appointment of M/s Lochan & Co., Chartered Accountants as Statutory Auditors of the Association and in this connection, to pass, with or without modification(s), the following resolution as an Ordinary Resolution.

"RESOLVED that pursuant to the provisions of Section 139, 142 and other applicable provisions of the Companies Act, 2013 & Rules made thereunder, as amended from time to time, pursuant to the recommendations of the Board of Directors, and pursuant to the resolution passed by the members at the AGM held on 25th September, 2017, the appointment of M/s Lochan & Co., Chartered Accountants (Firm Registration No.008019N), as the Statutory Auditors of the Company till the conclusion of the next AGM be and is hereby ratified for the financial year ending March 31st, 2019, at the existing terms and conditions.

SPECIAL BUSINESS

5. Appointment of Directors in place of retiring Directors.

(i) 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 152, 161(4) and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, Mr. N. Suresh Krishnan, (DIN 00021965) representing M/s Mangalore Chemicals & Fertilizers Ltd. (MCF), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 28.3.2016 and whose term of office expires at this Annual General meeting and in respect of which the Company has received notice under Section 160 of the Companies

Act, 2013 proposing his candidature for the office of Director, be and is hereby appointed as a Director of the company to represent the interests of nitrogenous and complex fertiliser manufacturers, liable to retire by rotation."

(ii) 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 152, 161(4) and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, Mr. S.P. Yadav (DIN 06900056) representing M/s Gujarat State Fertilizers & Chemicals Limited (GSFC), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 28.3.2016 and whose term of office expires at this Annual General meeting and in respect of which the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director, be and is hereby appointed as a Director of the company to represent the interests of nitrogenous and complex fertiliser manufacturers, liable to retire by rotation."

(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 152, 161(4) and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, Mr. Akshay Poddar, (DIN: 00008686) representing M/s Zuari Agro Chemicals Ltd. (ZACL), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 18.8.2017 and whose term of office expires at this Annual General meeting and in respect of which the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director, be and is hereby appointed as a Director of the company to represent the interests of nitrogenous and complex fertiliser manufacturers, liable to retire by rotation."

(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 152, 161(4) and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, Mr. D.S.Sudhakar Ramaiah, (DIN: 07636872) representing M/s Projects and Development India Ltd. (PDIL), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 30.11.2016 and whose term of office expires at this Annual General meeting and in respect of which the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director, be and is hereby appointed as a Director of the company to represent the interests of associate members, liable to retire by rotation."

(v) 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 152, 161(4) and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, Mr. Umesh V. Dhattrak, (DIN: 07718394) representing M/s Rashtriya Chemicals and Fertilizers Ltd. (RCF), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 05.12.2017 and whose term of office expires at this Annual General meeting and in respect of which the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director, be and is hereby appointed as a Director of the company to represent the interests of nitrogenous and complex fertiliser manufacturers, liable to retire by rotation.”

(vi) 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 152, 161(4) and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, Mr. Challa Narasimha Reddy, (DIN: 02466228) representing M/s Jubilant Agri and Consumer Products Ltd. (JACPL), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 2.04.2018 and whose term of office expires at this Annual General meeting and in respect of which the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director, be and is hereby appointed as a Director of the company to represent the interests of super phosphate manufacturers, liable to retire by rotation.”

(vii) 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 152, 161(1) , and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, and Article 73 of the Articles of Association of FAI, the term of Mr. Sundeep Kumar Nayak, (DIN: 02140600) representing M/s National Cooperative Development Corporation (NCDC), who was appointed as an Additional Director by the Board of Directors at its meeting held on 02.04.2018, whose term of office expires at this Annual General meeting and in respect of whom the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director against the existing vacancy, be and is hereby appointed as a Director of the company to represent the interests of associate members, liable to retire by rotation.”

(viii) 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 152, 161(1) , and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, Article 73 of the Articles of Association of FAI, the term of Mr. P.R. Dhariwal, (DIN: 02772870) representing M/s Matix Fertilizers and Chemicals Ltd., who was appointed as an Additional Director by the Board of Directors at its meeting held on 02.04.2018, expires at this Annual General meeting and in respect of whom the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director against the existing vacancy, be and is hereby appointed as a Director of the company to represent the interests of nitrogenous and complex fertiliser manufacturers, liable to retire by rotation.”

(ix) 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 Sections 152, 161(1)

and any other applicable provisions of Companies Act, 2013 read with rules made thereunder and Article 73 of the Articles of Association of FAI, the term of Mr. Narasimha Rao, (DIN: 03388261) representing M/s Yara Fertilisers India Private Limited, who was appointed as an Additional Director by the Board of Directors at its meeting held on 02.04.2018, whose term of office expires at this Annual General meeting and in respect of whom the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director against the existing vacancy, be and is hereby appointed as a Director of the company to represent the interests of nitrogenous and complex fertiliser manufacturers, liable to retire by rotation.”

6. Appointment of Directors against existing vacancies

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 152 and any other applicable provisions of Companies Act, 2013 read with rules made thereunder, Mr. Ashvini Hiran, (DIN:07484872) representing M/s IRC Agrochemicals Private Limited, in respect of whom the Company has received notice under Section 160 of the Companies Act, 2013 proposing his candidature for the office of Director against the existing vacancy, be and is hereby appointed as a Director of the company to represent the interests of NP/NPK manufacturers, liable to retire by rotation.”

7. Appointment of Director General (DG)

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

“RESOLVED that in pursuant to the provisions of Section 196 of the Companies Act, 2013, as amended from time to time, and in accordance with Schedule V of Companies Act, 2013 and all applicable provisions and guidelines for the managerial remuneration issued by the Central Government from time to time, the Company hereby accords its consent and approval to the extension of the tenure of Shri. Satish Chander, (DIN: 00276346) as Director General of the Association for a period of one year effective from 11th June, 2018 on the existing terms and conditions as approved by the Board of Directors of FAI at its meeting held on 2nd April, 2018 as given in the explanatory note in the notice convening this Annual General Meeting”.

8. a) Assessment of dues for the year 1st April, 2019 to 31st March, 2020 as follows:

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

b) To consider and adopt the budget of the Association for the year 1st April, 2019 to 31st March, 2020.

By the order of Board of Directors

D. Ramakrishnan
Secretary

New Delhi
29th August, 2018

Note:

1. The Explanatory statement pursuant to Section 102(1) of the Companies Act, 2013 with respect to Special Business listed in terms 5 to 8 of the Notice is annexed hereto and forms part of this Notice.

EXPLANATORY STATEMENT PURSUANT TO SECTION 102(1) OF THE COMPANIES ACT, 2013

Notice Item No.5(i)

Mr. N. Suresh Krishnan, (DIN 00021965) representing M/s Mangalore Chemicals & Fertilizers Ltd. (MCF), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 28.3.2016. 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. Consequently, Mr. N. Suresh Krishnan holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. Deepak Anand, would have held the office. Against this resultant vacancy, M/s Mangalore Chemicals & Fertilizers Ltd. have proposed the candidature of Mr. N. Suresh Krishnan as a candidate to the office of Director of FAI.

None of the Directors except Mr. N. Suresh Krishnan himself is concerned or interested in the resolution.

Notice Item No.5(ii)

Mr. S.P. Yadav (DIN 06900056) representing M/s Gujarat State Fertilizers & Chemicals Limited (GSFC), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 28.3.2016. 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. Consequently, Mr. S.P. Yadav holds office up to the date of this Annual General Meeting, the date till which the original Director Dr. S.K.Nanda, would have held the office. Against this resultant vacancy, M/s Gujarat State Fertilizers & Chemicals Limited have proposed the candidature of Mr. S.P. Yadav as a candidate to the office of Director of FAI.

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

Notice Item No.5(iii)

Mr. Akshay Poddar, (DIN: 00008686) representing M/s Zuari Agro Chemicals Ltd. (ZACL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 18.08.2017. 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. Consequently, Mr. Akshay Poddar holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. Kapil Mehan, would have held the office. Against this resultant vacancy, M/s Zuari Agro Chemicals Ltd. have proposed the candidature of Mr. Akshay Poddar as a candidate to the office of Director of FAI.

None of the Directors except Mr. Akshay Poddar himself is concerned or interested in the resolution.

Notice Item No.5(iv)

Mr. D.S.Sudhakar Ramaiah, (DIN: 07636872) representing M/s Projects and Development India Ltd. (PDIL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 30.11.2016. 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. Consequently, Mr. D.S.Sudhakar Ramaiah holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. S. Venkateswar, would have held the office. Against this resultant vacancy, M/s Projects and Development India Ltd. (PDIL) have proposed the candidature of Mr. D.S.Sudhakar Ramaiah as a candidate to the office of Director of FAI.

None of the Directors except Mr. D.S.Sudhakar Ramaiah himself is concerned or interested in the resolution.

Notice Item No.5(v)

Mr. Umesh V. Dhatrik, (DIN: 07718394) representing M/s Rashtriya Chemicals and Fertilizers Ltd. (RCF), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 05.12.2017. 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. Consequently, Mr. Umesh V. Dhatrik holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. Suresh Warrior, would have held the office. Against this resultant vacancy, M/s Rashtriya Chemicals and Fertilizers Ltd. have proposed the candidature of Mr. Umesh V. Dhatrik as a candidate to the office of Director of FAI.

None of the Directors except Mr. Umesh V. Dhatrik himself is concerned or interested in the resolution.

Notice Item No.5(vi)

Mr. Challa Narasimha Reddy, (DIN: 02466228) representing M/s Jubilant Agri and Consumer Products Ltd. (JACPL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 02.04.2018. 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. Consequently, Mr. C. Narasimha Reddy holds office up to

the date of this Annual General Meeting, the date till which the original Director Mr. Videh Kumar Jaipuriar, would have held the office. Against this resultant vacancy, M/s Jubilant Agri and Consumer Products Ltd. (JACPL), have proposed the candidature of Mr. Challa Narasimha Reddy as a candidate to the office of Director of FAI.

None of the Directors except Mr. Challa Narasimha Reddy himself is concerned or interested in the resolution.

Notice Item 5(vii)

Mr. Sundeep Kumar Nayak, (DIN: 02140600) representing M/s National Cooperative Development Corporation (NCDC), was appointed as an Additional Director on the Board of FAI on 02.04.2018. His term as Additional Director is expiring at 63rd AGM. He has been nominated as the candidature of Mr. Sundeep Kumar Nayak, as a Director on the Board of FAI against the existing vacancy as per the requirements under Section 160 of the Companies Act, 2013.

None of the Directors except Mr. Sundeep Kumar Nayak himself is concerned or interested in the resolution.

Notice Item 5(viii)

Mr. P.R. Dhariwal, (DIN: 02772870) representing M/s Matix Fertilizers and Chemicals Ltd., was appointed as an Additional Director on the Board of FAI on 02.04.2018. His term as Additional Director is expiring at 63rd AGM. M/s Matix Fertilizers and Chemicals Ltd., Active Member of FAI, has proposed the candidature of Mr. P.R. Dhariwal, as a Director on the Board of FAI against the existing vacancy as per the requirements under Section 160 of the Companies Act, 2013.

None of the Directors except Mr. P.R. Dhariwal himself is concerned or interested in the resolution.

Notice Item 5(ix)

Mr. Narasimha Rao, (DIN: 03388261) representing M/s Yara Fertilizers India Pvt. Limited, was appointed as an Additional Director on the Board of FAI on 02.04.2018. His term as Additional Director is expiring at 63rd AGM. M/s Yara Fertilizers India Pvt. Limited, Active Member of FAI, has proposed the candidature of Mr. Narasimha Rao, as a Director on the Board of FAI against the existing vacancy as per the requirements under Section 160 of the Companies Act, 2013.

None of the Directors except Mr. Narasimha Rao himself is concerned or interested in the resolution.

Notice Item 6

M/s IRC Agrochemicals Private Limited an Active Member of FAI,

has proposed the candidature of Mr. Ashvini Hiran, (DIN: 07484872) as a Director on the Board of FAI against the existing vacancy as per the requirements under Section 160 of the Companies Act, 2013.

None of the Directors except Mr. Ashvini Hiran himself is concerned or interested in the resolution.

Notice Item No.7 Extension of the tenure of Director General (DG)

The tenure of Shri. Satish Chander (DIN: 00276346), Director General of the Association ended on 10th June, 2018. The Board of Directors in its meeting held on 2nd April, 2018 unanimously decided to extend the tenure of Shri. Satish Chander, as DG, FAI, for further period of one year on the recommendations of Search Committee constituted by the Board on the 12th May, 2017. The Search Committee recommended the extension of the tenure of Shri. Satish Chander as he has been handling various issues with the Government, Parliamentary Standing Committee, Government Departments and media in a commendable manner and in the interests of the industry. The extension of the tenure of Shri. Satish Chander was on the existing terms and conditions which were earlier approved by the Board of FAI on the 5th December 2017. The terms and conditions inter-alia includes the following: -

1. Pay Scale : 2,00,000 – 3,70,000
2. D.A. : DA as on 01.01.2017 will become zero
3. Annual Increment : 3% of Basic Pay
4. Fitment Benefit : 15% of Basic + DA as on 01.01.2017

The other terms and conditions which were earlier approved by the Members of the Association in their 53rd AGM held on 12th September 2008.

None of the Directors except Shri. Satish Chander is interested in the resolution.

Notice Item No.8

(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 2019-20 have been approved by the Board on 30th July, 2018 and the same are given in the Agenda.

(b) The Budget for the year 2019-20 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 30th July, 2018.

DIRECTORS' REPORT

The Board of Directors has pleasure in presenting 63rd Annual Report of the Association along with the audited statement of accounts for the financial year ended on 31st March, 2018.

The year witnessed the second consecutive normal rainfall, higher agriculture production and adequate availability of fertilizers. But industry continued to face several issues and challenges mainly related to policies for the sector.

Though the rainfall was normal in major part of the country, some of the states received deficient rainfall and a few others witnessed excess rains. Water level in major reservoirs was lower than the previous year. Crop acreage during *kharif* as well as *rabi* was higher than the normal but fell short marginally from the previous year's level. As per the 3rd advanced estimates, foodgrain production touched a record level of 280 million tonnes in 2017-18. Higher growth was noticed in some other principal crops also.

Normal weather in major part of the country and coverage of area above normal in both *kharif* and *rabi* seasons resulted in a modest growth in fertilizer sales in 2017-18 over the previous year. Production of fertilizers registered a nominal growth and imports were higher than the previous year's level. Hence, availability of fertilizers from opening stock, domestic production and imports was adequate to take care of the demand for 2017-18.

As a result of presentation made by DG, FAI before the Standing Committee on Chemicals & Fertilizers of the Parliament and subsequent interaction with the Hon'ble members of the Standing Committee on the most immediate issues of the industry, the Standing Committee made favourable recommendations regarding review of the entire spectrum of policy, relief in energy norms after making practical assessment and clearing outstanding dues of fertilizer subsidy. The Committee urged the Ministry of Chemicals & Fertilizers to apprise it on quarterly basis about progress made on this account.

The government reviewed the energy consumption norms effective from 2018-19 onwards and provided some relief to the urea industry. The notification extended existing energy norms for 3 naphtha based plants for another 2 years i.e. 31st March, 2020 or till these units get the gas pipeline connectivity whichever is earlier. It also extended existing energy norms for 14 gas based units for another 2 years with nominal penalty of 2% in the

first year and 5% in the second year. The remaining 11 gas based units, however, did not get any relief.

FAI kept up its efforts for revision of fixed cost for urea industry through detailed interaction with very senior officials in PMO, Department of Fertilizers, NITI Aayog, Ministry of Agriculture, Ministry of Finance, etc.

The pro-active initiatives of FAI taken in advocacy in respect of proposed GST Law had positive impact on GST dispensation for the fertilizer industry. One of the most important results was a concessional rate of GST of 5% for all fertilizers and also 5% GST for rock phosphate and sulphur. FAI continued to pursue the residual issues with detailed facts and figures along with suitable analysis of the data. Subsequently, the rate of GST on phosphoric acid was reduced from 18% to 12%. Efforts for further reduction in rate of GST on phosphoric acid from 12% to 5% and on naphtha and ammonia from 18% to 5% are continuing. Similarly, FAI remains in pursuit of time bound refund of unutilized input tax credit to fertilizer industry

The year witnessed the nationwide rollout of Direct Benefit Transfer (DBT) scheme. Its implementation faced large number of issues related to hardware, software, manpower, policies and procedures. FAI and industry kept continuous engagement with various stakeholders including Department of Fertilizers, NIC, State Governments, wholesalers and retailers. In spite of all the efforts of the DOF, NIC and industry, serious glitches continued to affect the implementation which resulted in large backlog of subsidy payments at the end of the year. FAI continues to interact with the government at the highest level for removing bottlenecks and ensuring prompt payment of subsidy dues of the industry as prescribed in the scheme.

Supply of domestic gas further declined in the year 2017-18. The share of domestic gas in total gas supply for fertilizer sector reduced from 48 % in 2016-17 to 45% in 2017-18. The shortfall was made by LNG. FAI represented to the DOF to maintain the priority in supply of natural gas from domestic sources and allocate domestic gas from new sources. This will help in reduction in the pool price of gas and thereby saving in subsidy for urea. It was also emphasized that three plants manufacturing complex fertilizers using domestic ammonia need to be allocated pool gas.

Issue of reduction in supply of coal to fertilizer plants was taken up continuously with the DOF, the Ministry of Coal and the Ministry of Railways.

It is matter of pride that FAI has been entrusted with the task to conduct a Fertilizer Focused Training Programme by the Bureau of Energy Efficiency (BEE) for officials of BEE, State Designated Agencies and Accredited Energy Auditors. The first programme for the BEE was conducted during the year.

With the persistent efforts of FAI, the Ministry of Environment, Forest and Climate Change notified the revised Environmental Protection Standards for Fertilizer Industry in December 2017. Most of the concerned of the industry were addressed. FAI continued to interact with Central Pollution Control Board (CPCB) regarding concerns of the industry for online monitoring of emissions.

FAI continues to monitor operational efficiency of fertilizer plants. Downtime analysis, for ammonia-urea plants for three-year period of 2014-2017, showed a significant reduction in forced downtime due to equipment failures. This is reflected in 336 average on-stream days for ammonia plants for the period compared to 327 days for the previous period. Industry also performed exceedingly well on energy and environment parameters. The weighted average energy consumption for ammonia plant was 8.35 Gcal/MT and for urea it was 5.91 Gcal/MT in 2017-18.

In addition to continuous interaction with the Department of Fertilizers, FAI collaborated with various other wings of the government including, Bureau of Energy Efficiency, National Water Mission, Central Pollution Control Board and Technology Information, Forecasting and Assessment Council (TIFAC), Ministry of Science and Technology. FAI was successful in driving home the point that fertilizer industry's performance was one of the best in the world in regard to energy and raw material efficiency, GHG emissions, water use efficiency and other environmental parameters. The performance of industry was also projected at international fora with a presentation on safety in the Conference of American Institute of Chemical Engineers.

FAI continued to work with the government in bringing amendments in Fertiliser (Control) Order to keep abreast with the developments in fertilizer and agriculture sectors. A number of new fertilizer products were brought under various clauses of FCO during 2017-18. These *inter-alia* include five micronutrient fertilizers, five fortified fertilizers and twenty-six grades of customized fertilizers. A number of amendments including revision in specification of particle size of urea (minimum 80%) and amendment in general specification of 100% water soluble fertilizers were issued in FCO.

The proposal of amendment in specifications of *neem* coated urea remained in active discussions and despite FAI's strong reservations, Department of Agriculture, Cooperation and Farmers Welfare amended the specifications of *neem* coated urea (NCU) vide S.O. 1323 (E) dated 22nd March, 2018. It shall come into force after one-year from the date of publication of official Gazette. These specifications have been amended without proper scientific study. FAI will take up the issue with the Ministry of Agriculture with adequate backup data.

FAI and industry continued to engage and collaborate with various reputed international organizations. The industry feels gratified that it has two representatives on the Board of IFA including the position of Chairman of IFA. IFA plans to organize its Annual Conference in India in the year 2020.

FAI in collaboration with International Plant Nutrition Institute (IPNI), Trust for Advancement of Agricultural Sciences (TAAS) and International Maize and Wheat Improvement Centre (CIMMYT) organized an International Conference on Potassium during August 28-29, 2018 at NASC Complex, New Delhi. Argus Media in collaboration with FAI organized a Conference on NPK, Water Soluble and Micronutrient Fertilizers India 2018 during 8-9 March, 2018 in New Delhi. FAI cooperated in various activities of IFA, Paris and other international organizations.

FAI continues to encourage excellence in various functional areas viz. production, environment, safety, nutrient management, etc. The achievements of the individuals and organization are recognized by way of Awards. Two new Awards namely, 'US Awasthi-IFFCO Awards' were instituted during the year for excellent work done in the field of agriculture and fertilizer industry. Two eminent personalities received the first Awards during Annual Seminar.

FAI Annual Seminar 2017 was held during December 5-7, 2017 devoted to the theme "Fertilizers and Farm Income". It was attended by more than 1200 delegates. Honourable Cabinet Minister and Minister of State addressed the delegates. In addition to the FAI Annual Seminar, FAI organized 46 training programmes/group discussions/workshop in various parts of the country on a variety of subjects in the area of technology, environment, policy, fertilizer use efficiency, logistics, marketing and IT.

FAI website www.faidelhi.org has been providing wealth of information to its members. In addition to statistical data and maps, other information *inter-alia* on the subjects

like environmental issues, energy consumption, government notifications, highlights of developments in fertilizer policies, reports, calendar of events and abstract service are uploaded in FAI website. Daily news bulletins are also posted on the website.

FAI continued to bring out monthly journals, annual and adhoc publications enriched with treasury of contents. FAI publications are taken as authentic source of information by the readers.

The details of major developments during 2017-18 are presented in the report.

1.0 MONSOON, FERTILIZER PRODUCTION, IMPORTS, AVAILABILITY AND CONSUMPTION

1.1 Normal South-west Monsoon

1.1.1 Rainfall during South-west monsoon of 2017 (June to September) was normal at the country level. Total rainfall received during the period was 841 mm as against the normal rainfall of 888 mm, i.e., 5% below the long period average (LPA). While the rainfall scenario was normal in major part of the country, some states received deficient rainfall and a few others witnessed excess rains. Deficient rainfall was reported in the meteorological sub-divisions of Haryana, Punjab, Uttar Pradesh, East Madhya Pradesh and Vidarbha. Sub-divisions which received excess rains included West Rajasthan, Saurashtra in Gujarat, Rayalaseema in Telengana, Tamil Nadu & Puducherry and a few North East areas. Out of a total of 36 meteorological sub-divisions, 30 sub-divisions received excess/normal rainfall and remaining 6 sub-divisions received deficient rainfall.

1.1.2 Water level in major reservoirs was lower than the previous year as well as normal storage at the end of *kharif* season. Total live storage capacity of 91 major reservoirs in the country is 157.80 billion cubic meters (BCM) at full reservoir level (FRL). Close to the end of *kharif* season (as on 28th September, 2017), water level was 103.4 BCM as against 116.6 BCM on the corresponding date in the previous year. This was 89% of the previous year's level and 87% of the normal storage.

1.1.3 Crop acreage during *kharif* as well as *rabi* was higher than the normal but fell short marginally from the previous year's level. Total area during *kharif* 2017 was 106.09 million hectares, 0.5% lower over the previous year's level. But it was 0.2% higher than the normal area. During *rabi* 2017-18, total crop area was 64.29 million hectares, 0.8% lower than the level of the previous *rabi* season. It was also 3.1% higher than the normal area.

1.2 Adequate Availability of Fertilizers

1.2.1 The year 2017-18 started with huge opening inventory of fertilizers. Inventory of urea at various points excluding stock at the dealers' point was more than 2 million metric tonnes (MMT) at the beginning of the year. Similarly, inventory of DAP and NP/NPKs together was about 1.5 MMT, SSP 0.56 MMT and MOP 0.54 MMT. Hence, availability of fertilizers from opening stock, domestic production and imports was adequate to take care of the demand for 2017-18. The details of domestic production and imports are presented in the following paragraphs.

1.2.2 Marginal Increase in Production

1.2.2.1 Overall production of total nutrients (N+P) registered a modest growth of 1.3% during 2017-18 over the previous year. Production of N at 13.43 MMT during 2017-18 witnessed a marginal increase of 0.4% over 2016-17. The production of P at 4.73 MMT recorded an increase of 3.8% during the period. Despite marginal fall in urea production, significant increase in production of DAP and NP/NPK complex fertilizers led to overall increase in production of fertilizers both in terms of products and nutrients. In absolute term, total production of urea, DAP, NP/NPKs and SSP was of the order of 24.03 MMT, 4.65 MMT, 8.26 MMT and 3.90 MMT, respectively, during 2017-18.

1.2.2.2 The production of fertilizers could have achieved higher growth if the industry did not suffer from a number of problems. Fertilizer industry continued to suffer on account of inadequate availability of natural gas from domestic sources. Gap in availability of domestic gas and demand continued to increase during the year and was filled through more and more imported LNG. A couple of plants faced mechanical, equipment and power failure problems resulting in loss of production during the year. Limitations in availability of phosphoric acid were also experienced by a few of the DAP/NP/NPK plants.

1.2.3 Imports of Urea and MOP increased, DAP and NP/NPKs fell

1.2.3.1 During 2017-18, import of urea and MOP increased, whereas DAP and NP/NPKs reduced over the previous year. Import of urea increased by 9% and MOP by 27% during the period. Conversely, import of DAP and NP/NPKs fell by 3.8% and 4.4%, respectively, during 2017-18 over 2016-17. The quantum import of urea, DAP, NP/NPKs and MOP was 5.98 MMT, 4.22 MMT, 0.50 MMT and 4.74 MMT, respectively, during 2017-18.

1.2.4 Higher sale, Modest Growth in Consumption

1.2.4.1 Backed by normal weather in major part of the

country and coverage of area above normal in both *kharif* and *rabi* seasons, fertilizer consumption has shown a modest growth in 2017-18 over the previous year. The actual consumption data of fertilizers for 2017-18 are yet to be finalized by the government. In the absence of actual consumption data, sale figures of 2017-18 have been used here as an indicator of growth in demand. Total sale in terms of nutrients is estimated at 26.67 MMT for 2017-18 which is 3.5% higher than the sale during the previous year. Sale of N at 17.13 MMT, P₂O₅ at 6.78 MMT and K₂O at 2.77 MMT registered increase of 2.7%, 2.4% and 11.5%, respectively, during 2017-18 over 2016-17. Actual consumption in total nutrients is likely to follow similar pattern of growth as experienced in sale during 2017-18

1.2.4.2 In terms of product, All-India sale of urea, DAP and MOP increased by 2.4%, 1.8% and 13.2%, respectively, during 2017-18 over 2016-17. However, some of the states reported negative growth in sale of urea and DAP due to inclement weather and other factors. Sale of urea decreased in 2017-18 in six major fertilizer consuming states which include West Bengal, Uttarakhand, Andhra Pradesh, Telengana, Maharashtra and Rajasthan. In the remaining 18 major fertilizer consuming states, sale of urea increased during the period. In case of DAP, sale was reported to have declined in more number of states. Sale of DAP fell in 2017-18 in all the major states of North zone. In South zone, sale of DAP fell in Andhra Pradesh, Karnataka and Tamil Nadu. In West zone, DAP sale fell in Rajasthan. In the remaining 12 major fertilizer consuming states, sale of DAP increased. Interestingly, sale of MOP has shown positive growth in all major fertilizer consuming states.

2.0 POLICIES RELATED TO FERTILIZER SECTOR

2.1 FAI continued its efforts to address various issues placed by the industry through presentations, representations, meetings, etc., throughout the year of 2017-18. Important among them are summarized in the following paragraphs.

2.2 Presentation before the Standing Committee on Chemicals and Fertilizers of the Parliament

2.2.1 DG, FAI was invited by the Standing Committee on Chemicals and Fertilizers of the Parliament. Accordingly, DG, FAI made a presentation before the Standing Committee on 22nd February, 2018. The presentation titled 'Indian Urea Industry in Crisis' *inter-alia* highlighted the issues of the industry and submitted suggestions to save the industry from crisis. Secretary (Fert.), Senior Officials of DOF, Ministry of Agriculture & Farmers Welfare and Ministry of Petroleum & Natural Gas were also present in the

meeting. Department of Fertilizers also made a presentation before the Standing Committee. The Co-Chairman, FAI and CMD-NFL was also present in the meeting. The Chairman and other members of the Standing Committee appreciated the issues raised by FAI.

2.2.2 The Committee has since submitted its report. The important recommendations of the Committee include *inter-alia* the following:

(i) Energy consumption norms:

"... ..The Committee, having taken into account the cause of survival of fertilizer industry and food security of the country are of the considered view that the fertilizer industry be accorded some breathing space after making a practical assessment of the new energy norms related problem."

(ii) Carry over liabilities of subsidy outstanding:

"...The Committee are quite apprehensive of the dwindling financial health of fertilizers producing and importing companies and are of the considered view that any undesirable delay in clearing the over accumulated carry over liabilities may hamper the production/import of fertilizers ultimately heralding adverse impact on agriculture production in the country".

"...In view of this, the Committee strongly recommends to clear all the over delayed outstanding dues of the fertilizers companies on account of payment of fertilizers subsidy. They also urge the Ministry to apprise the Committee on quarterly basis about progress made on this account."

(iii) Production of Fertilizers – revisit of entire policy

".....They feel disappointed over the fact that even after introduction of New Urea Policy 2015 there has been no substantial increase in urea production except in the year 2015-16. Taking a holistic view of the entire situation of fertilizer industry, production, availability, etc., the Committee strongly recommends to revisit the entire spectrum of policy to address the constraints as early as possible and apprise the Committee in this regard within three months about the progress made on this regard."

2.3 Efforts to Highlight and Address Major Issues Faced by Fertilizer Industry

2.3.1 FAI prepared a brief note highlighting major

issues faced by Indian fertilizer industry to draw the attention of various government authorities. This *inter-alia* included issues of urea industry, P&K industry, DBT, payment related issues and taxation issues. A copy of the note and a copy of the presentation on urea titled 'Indian Urea Industry in Crisis' were submitted to concerned government authorities including *inter-alia* the Hon'ble Finance Minister; Chairman, Economic Advisory Council of Prime Minister, PMO; NITI Aayog; and Secretary, Department of Agricultural Research and Education (DARE) & Director General (DG), Indian Council of Agricultural Research (ICAR). In this context, Chairman and DG also had meetings with a number of Senior Government Officials where in the issues were explained in detail. These officials *inter-alia* included Vice Chairman, NITI Aayog, Senior Officials of Ministry of Finance, DOF and PMO.

2.3.2 Further, FAI also addressed a letter to the Hon'ble Minister of Chemicals & Fertilizers drawing his kind attention to the important announcements made by him during his inaugural speech on 5th December, 2017. It was pointed out that the issues still remained unresolved.

2.4 Follow up of FAI Annual Seminar 2017

2.4.1 As a part of follow up of FAI Annual Seminar and to draw attention of the policy makers towards major issues faced by the industry, the gist of deliberations of Seminar was sent to the concerned government authorities including Hon'ble Minister of Chemicals & Fertilizers, Member, NITI Aayog and Senior Officials of concerned Departments like DOF, Ministry of Finance and PMO.

3.0 ISSUES OF UREA SECTOR

3.1 Indian urea sector continues to suffer due to non-payment of increased fixed cost, unreasonable reduction in energy consumption norms, unfavourable policy for production beyond 100% of re-assessed capacity and discriminatory policies for naphtha based plants. More than 50% of operating urea units are incurring losses and for units which are earning profits, the margin is very thin leaving little scope for investment in this capital intensive industry. Overall Net profit after tax on networth has been negative for the industry as a whole. Table gives amount of networth, PAT, net cash accruals and PAT as percentage of networth for the year 2014-15, 2015-16, 2016-17 and 2017-18 (estimated).

Table: Networth, PAT, Net cash accruals in Rs. crore and PAT as % of networth from urea business (excluding provisions of Modified NPS-III Policy)

Particulars	Amount (Rs. crore)			
	2014-15	2015-16	2016-17	2017-18*
Networth	15454.45	14861.26	14910.92	12313.37
PAT	-684.28	-213.27	-108.53	-579.69
Net cash accruals	-1936.94	-1123.10	-1346.86	-1939.63
PAT as % of networth	-4.43%	-1.44%	-0.73%	-4.71%
<i>*estimated</i>				
<i>Note: Based on data received from 25 urea units during October/November, 2017</i>				

3.2 FAI took up all the issues faced by urea industry with the concerned government authorities including NITI Aayog, PMO, DOF, MOF, etc. The brief description of the issues faced by Indian urea industry along with suggestions for redressal of the same submitted to various government authorities during the year are given in the subsequent paragraphs.

3.3 Non-payment of Increased Fixed Cost

3.3.1 Indian urea industry continued to be reimbursed fixed cost based on cost data of 2002-03. This means, the increase in fixed cost for the last 15 years over the level of 2002-03 are not being reimbursed to the urea units under the pricing and subsidy policy. After series of deliberations at various levels, including the Group of Ministers (GOM) and Cabinet Committee on Economic Affairs (CCEA), the Modified NPS-III Policy was approved and notified on 2nd April 2014. This policy provided for an increase of Rs.350 per tonne of urea in fixed cost with minimum fixed cost of Rs.2300 per tonne. Special allowance of Rs. 150 per tonne of urea was also allowed for gas based urea plants more than 30 years old. These provisions were made to partially compensate for the increase in selected items of fixed cost. However, this amount is yet to be paid to the urea units since April 2014.

3.3.2 Suggestions for Redressal

3.3.2.1 Immediate Measure

(i) The immediate solution for survival of urea industry is payment of fixed cost as per Modified NPS-III Policy since 2014-15 and linking fixed cost with Wholesale Price Index (WPI) to address future increase in fixed cost, as there has been further increase in the fixed cost.

3.3.2.2 Medium Term Measures

(i) NBS policy with fixed subsidy (group-wise) and

open MRP be implemented for urea. Subsidy to be adjusted to gas prices with de-canalization of urea.

- (ii) Establishment of technology upgradation fund for grant and soft loans.
- (iii) Provide low cost technology fund like Tax Free Fertilizer Bonds, International funding with nominal interest guaranteed by the government, etc.
- (iv) Several advantages – Energy saved will be from RLNG cost. Lower Import of RLNG and consequent saving in foreign exchange, Benefit to environments.

3.3.2.3 Long Term Measures

- (i) Direct payment of subsidy to farmers in the true sense.
- (ii) Industry totally decontrolled.

3.4 Un-reasonable Reduction in Energy Consumption Norms

3.4.1 New Pricing Scheme (NPS) introduced in 2003 provided that neither the operational efficiencies will be mopped up nor additional capital investment will be recognized. But, much against this policy, the energy consumption norms have been reduced thrice after 2003 without recognizing the capital expenditure required for achieving such energy levels. The latest round of revision of energy consumption norms happened w.e.f. June 2015 under New Urea Policy (NUP) 2015. What is worse, the NUP 2015 proposed further reduction in energy consumption norms from 2018-19 without providing any window for recovery of the capex needed for achieving such energy levels. Major capital replacements are required to achieve proposed energy consumption norms which the industry cannot afford. For many units, it will not be possible to achieve such level of energy norms and may face closure.

3.4.2 New energy consumption norms would severely erode the viability of domestic urea industry where more than 50% units are already incurring losses due to various under recoveries under the policy. It was highly probable that India might lose 6-7 MMT urea production. This would definitely push up international prices and the cost of entire imported urea. Government would end up paying much more than saving from new energy consumption norms of domestic industry. Very conservative estimates showed that government would save about Rs. 2000 crore by reduction of energy consumption norms of domestic industry but may end up paying higher subsidy of about Rs. 4000 crores on

imported urea due to additional imports and consequent increase in international prices of urea.

3.4.3 *Suggestion:* Continuation of existing energy norms for a further period of 5 years within which the industry should be provided funds at concessional interest rates to invest in energy improvement projects. A Technology Upgradation Fund may be created to provide one-time capital subsidy or soft loan for making investment in energy saving projects by urea units. Such funding/subsidy is justified in view of savings in subsidy for the Government, which is estimated to be about Rs.2300 crore per annum.

3.5 Issues of Naphtha Based Units

3.5.1 There are 3 naphtha based urea units namely MCFL-Mangalore, SPIC-Tuticorin and MFL-Manali. These plants have already invested huge amounts to enable the plants to use gas. But, gas is not available due to lack of connecting gas pipeline. These units have been discriminated under the policy by restricting their reimbursement to lower of the cost based on LNG used by recently converted plants or cost based on naphtha. The state taxes on feedstock are also not being reimbursed. These plants are also denied the special vintage allowance of Rs. 150 per tonne which is allowed to gas based plants more than 30 years old. These plants have also been discriminated in fixing their energy norms.

3.5.2 *Suggestion:* These plants should be put at par with other gas based plants w.r.t fixing of their energy norms and vintage allowance. These units should also be allowed reimbursement of actual feedstock cost based on their energy consumption norms as is being done for other plants.

3.6 Issues of Coal Using Units

3.6.1 Seven gas based urea units are using coal for power and steam generation. The cost of energy through coal is significantly lower compared to cost of energy through gas. But, energy efficiency of coal in terms of Gcal per tonne of urea is lower. Yet, the total cost of energy through coal is lower than the cost of energy through gas. Therefore, government has all along been encouraging use of coal. But, this aspect has been overlooked while fixing energy consumption norms under New Urea Policy 2015. Such drastic reduction in energy norms without any consideration for use of coal will severely impact the viability of these units.

3.6.2 *Suggestion:* These units should be allowed higher energy consumption norms in proportion to their use of coal.

3.7 Revision in Energy Consumption Norms under NUP-2015

3.7.1 FAI persisted in its efforts including a presentation before the Standing Committee on Chemicals and Fertilizers of the Parliament. The response of the Standing Committee was positive. The Department of Fertilizers relented and provided partial relief. A notification was issued for the same on 28th March, 2018 to be effective from 1st April, 2018 with the following salient features:

(i) Extension of existing energy norms for 14 urea units for further period of 2 years i.e. till 31st March, 2020 with following penalties:

- a. 2% energy of difference between NUP energy norms and target energy norms of NUP-2015 for 2018-19.
- b. 5% energy of difference between NUP energy norms and target energy norms of NUP-2015 for 2019-20.
- c. Additional penalties may be imposed, if target energy is not achieved during the extended period.

The 14 units mentioned above include NFL-Vijaypur-I, KRIBHCO-Hazira, KFL-Shahjahanpur, NFCL-Kakinada-I & II, GNFC-Bharuch, GSFC-Vadodara, NFL-Bathinda, NFL-Nangal, NFL-Panipat, SFC-Kota, KFCL, Kanpur, RCF-Trombay-V and ZACL-Goa.

(ii) Reduced level of energy norms, as mentioned in para 3.2 of NUP-2015 for 2018-19 onwards, were implemented w.e.f. 1st April, 2018 for 11 urea units. These units include NFL-Vijaypur-II, CFCL-Gadepan-I & II, IFFCO Aonla-I & II, IFFCO-Kalol, IFFCO-Phulpur- I & II, RCF-Thal, Grasim Industries Limited and Yara Fertilisers India Private Limited.

(iii) Three naphtha based plants viz., MFL, MCFL and SPIC are also allowed the existing energy norms under para (2) of policy notification dated 17th June, 2015 for another 2 years i.e. till 31st March, 2020 or till these units get the gas pipeline connectivity whichever is earlier. There will be no mopping up of energy efficiency for a fixed period of 5 years from date of gas pipeline connectivity as per para 3 (viii) and 5 (ii) of NPS-III Policy dated 08th March, 2007.

(iv) Aforesaid target energy norms may be continued upto 31st March, 2025. Meanwhile, an expert body under NITI Aayog would be engaged to recommend the energy norms to be achieved from 1st April, 2025.

3.8 Issue of Production Beyond 100% Reassessed Capacity

3.8.1 New Urea Policy 2015 provides that production above 100% of reassessed capacity will be entitled for

respective variable cost of the unit plus a uniform per tonne incentive equal to the lowest of per tonne fixed cost of all indigenous urea units subject to import parity price (IPP) plus weighted average of other incidental charges which the Government incurs on imported urea. But since the Government is yet to reimburse minimum fixed cost of Rs. 2300 per tonne of urea as provided in the Modified NPS-III policy, excess production continued to be reimbursed based on the minimum fixed cost of Rs.1285 per tonne. This is impacting the viability of additional production beyond re-assessed capacity.

3.8.2 A large number of plants made investment in projects for debottlenecking capacity and these are capable of producing additional urea. Quantity in question is about 3 MMT. Policy for this additional production is supposed to provide win-win situation to both government and producers. Government in any case under the policy will not reimburse cost exceeding the import parity price. Producers are incentivized to get some extra contribution towards fixed cost under the policy of 2008. But, by putting artificial ceiling of Rs. 1285 per tonne for reimbursement of fixed cost has rendered the extra production unattractive for the producers. It may also be highlighted that all producers are incurring extra interest cost on entire production due to delay in payment of subsidy. If this extra production is not realized, it would increase the import of urea which would put upward pressure on international prices of urea. Government is readily paying much higher price for imported urea for last several years but dithers in reimbursement of legitimate cost of domestic producers.

3.8.3 *Suggestion:* Government should start reimbursement of minimum fixed cost of Rs. 2300 per tonne as provided in the Modified NPS-III policy.

4.0 POLICIES RELATED TO P&K FERTILIZERS

4.1 NBS Policy for 2017-18

4.1.1 The per kg NBS rates of fertilizers nutrients N,P,K and S for 2017-18 notified by the Department of Fertilizers vide O.M. dated 17th April, 2017 were Rs. 18.989, Rs. 11.997, Rs. 12.395 and Rs.2.240 respectively. There was a reduction in the subsidy rate of MOP from Rs. 9282/MT in 2016-17 to Rs. 7437/MT in 2017-18. The NBS rate for DAP was almost at the level of 2016-17.

4.2 NBS Policy for 2018-19

4.2.1 The per kg NBS rates of fertilizers nutrients N,P,K and S for 2018-19 notified by the Department of Fertilizers vide O.M. dated 16th April, 2018 are Rs. 18.901, Rs. 15.216, Rs. 11.124 and Rs.2.722, respectively. There is a reduction

in the subsidy rate of MOP from Rs.7437/MT in 2017-18 to Rs. 6674/MT in 2018-19. There is increase in subsidy rate for DAP from Rs. 8937/MT in 2017-18 to Rs. 10402/MT in 2018-19. The NBS rates for all fertilizers except MOP have increased over the previous year.

4.2.2 The Government has ex-post facto approved the subsidy paid on specific quantity of P&K fertilizers received in the district during February & March months in different years since 2012-13 at the rates fixed for the next financial year which were lower than the rates approved by Cabinet/CCEA for that year.

4.2.3 The Government has authorized the Department of Fertilizers for releasing subsidy, if required, as further rates fixed for the financial year or next financial year whichever is lower on the specific category/quantity of P&K fertilizers received in districts during February and March months of the year in consultation with Department of Expenditure.

4.3 FAI Board Committee for P&K Industry

4.3.1 As per the decision of FAI Board in its meeting held on 5th December, 2017, a Committee for the P&K sector was constituted for addressing the issues of the sector. The first meeting of the Committee was held on 2nd January, 2018. The Committee discussed the NBS rate to be fixed for 2018-19. It was decided to convey to the Secretary (Fert.) that the MRP of P&K fertilizers should be market driven in true spirit of the policy and the government should not interfere in fixation of MRPs of different P&K fertilizers. These views were communicated by the industry members in the meeting with the Secretary (Fert.) on 5th January, 2018. Subsequently, the Department of Fertilizers notified the NBS rates for the year 2018-19 on 16th April, 2018.

4.4 Finalization of Template for Collection of Cost Data from P&K Industry

4.4.1 The Department of Fertilizers vide letter dated 4th October, 2017 asked FAI to submit the comments on the template for collection of cost data from P&K manufacturers/importers. FAI vide letter dated 24th November, 2017 requested the Joint Secretary, Department of Fertilizers to dispense with furnishing of half yearly cost data and consider overall margin earned by the fertilizer company for all NP/NPK complex fertilizers sold for the purpose of ascertaining reasonability of prices. It was also requested to notify criteria for reasonable price based on a bench mark margin which can be percentage of sale price, return on capital employed, etc. It was also requested to discontinue proforma E and provide single entry for raw materials/

utilities and also for selling and administrative expenses for comparison of cost data.

4.5 Issues of SSP Industry

4.5.1 The Joint Secretary, Department of Fertilizers met the representatives of the SSP industry on 28th April, 2017 and gave patient hearing to the issues raised by the members. Subsequently, FAI wrote a letter to the Joint Secretary, Department of Fertilizers on 8th May, 2017 requesting therein for on account payment procedure for SSP industry be at par with P&K fertilizers and making outstanding payment on priority and processing and releasing of balance payment pending since January, 2014. It was also requested to either merge freight with product subsidy under NBS as per the approval of CCEA dated 13th May, 2015 for all P&K fertilizers or make provision of freight subsidy of Rs. 600/MT for SSP industry. SSP industry faces a constraint in arranging working capital due to delay in payment of subsidy. Therefore, it was represented that a separate adequate budget be marked for SSP sector for making timely payment of subsidy.

4.5.2 Purchase of POS Machines by Stand-alone SSP Manufacturers

4.5.2.1 As per Department of Fertilizers, 1,98,294 POS machines were to be purchased by the fertilizer companies. Based on the representation of SSP manufacturers regarding contribution to buy POS machines, FAI Board in its meeting on 12th May, 2017 approved a mechanism for contribution of SSP manufacturers. The mechanism envisaged dividing the SSP manufacturers into two categories. Category-I - SSP sale was part of the total sales of the company including urea, DAP and NP/NPK, etc. Category-II - SSP producers who only did the business of SSP production and sale. The Board decided that SSP manufacturers falling in Category-II may purchase POS machines based on nutrient content of sale of SSP done during 2015-16.

4.5.2.2 FAI informed the decision of the Board to DOF. The details of company-wise purchase of POS machines by stand-alone SSP manufacturers were also sent to the Department of Fertilizers. The members were also advised accordingly.

4.5.2.3 The fertilizer companies procured more than 2 lakh POS machines and deployed at the retail outlets. The companies also provided training to the retailers in operation of POS machines.

4.5.3 Quality Issues Related to SSP Industry

4.5.3.1 Department of Fertilizers vide letter dated 10th

April, 2017 and 2nd May, 2017 requested FAI to submit the comments on quality issues related to SSP industry. FAI vide letter dated 9th May, 2017 to the Secretary (Fert.) clarified that the issue of quality of SSP as per specification in FCO, 1985 has been discussed with the industry from time to time. FAI's stand in the matter has been that there should be zero tolerance for substandard product. FAI always impressed upon the SSP manufacturers that they should observe self-regulation. Creation of facilities for testing the quality of SSP at districts level involving State Agricultural Universities and Krishi Vigyan Kendras can help in strengthening the testing facilities which in turn will ensure quick and accurate results. FAI will continue to emphasize on providing quality fertilizers to farmers.

5.0 OTHER POLICY RELATED ISSUES

5.1 Issues in Payment of Subsidy to Fertilizer Sector

5.1.1 The Secretary, Department of Fertilizers convened a meeting on 5th January, 2018 to discuss fixation of NBS rates of P&K fertilizers with the industry representatives. The issues related to payment procedures, bill generation and DBT also came under discussion. As a follow up, a letter was written by DG, FAI to the Secretary (Fert.) on 10th January, 2018 requesting therein her intervention to resolve the following issues faced in generation of claims due to system related/rate notification issues etc.

- (i) Generation of balance subsidy claim of fertilizers from May 2016 onwards for P&K fertilizers,
- (ii) Enabling generation of claims for escalation for urea concession rates from 2016-17 onwards,
- (iii) Non generation of freight claims due to non-retrieval of RRs in iFMS,
- (iv) Differential freight claims pending since 2008-09 and
- (v) Non-payment of urea subsidy by FICC inspite of generation of claims in DBT districts/states

5.1.2 Prior to this, issues of balance subsidy claims pending since April 2015 and differential freight claims pending since 2008-09 were also raised in FAI letter of 8th November, 2017 addressed to the Secretary (Fert.).

5.1.3 There had been the quantity not being acknowledged by the retailers for generating the balance claims of fertilizers. A number of companies approached FAI for reopening of the iFMS to acknowledge the unacknowledged invoices of fertilizers. FAI vide letter dated 23rd January, 2018 requested the Secretary (Fert.) to get the mFMS/iFMS opened for acknowledging such

quantities by the wholesaler/retailers. Department of Fertilizers acceded to the request and opened the system during 1st to 5th February, 2018 for acknowledgement of quantities sold during the period April to December, 2017.

5.2 Ensuring Raw Materials for Production of Customized/Mixture Fertilizers

5.2.1 Prior to DBT scheme, the customized/mixture fertilizer manufacturers were registered as retailers in mFMS/iFMS for the purpose of acknowledgement and were getting subsidized fertilizers to manufacture these fertilizers. However, in the DBT scheme, there is no provision of sale of subsidized fertilizers to such manufacturers. The issue has been brought to the notice of Department of Fertilizers repeatedly. Department assured that it was seized of the problem and will address it shortly. The DOF vide letter dated 23rd May, 2018 provided the interim procedure for sale of subsidized fertilizers to mixture/customized fertilizer manufacturing units. The validity of the interim arrangement is for 6 months. A committee has been constituted to suggest the mechanism.

5.3 Minor Variation in Quality Parameters

5.3.1 Some consignments of imported fertilizers with minor deviation in specified quality parameters were declared non-standard resulting in withholding/refund of entire subsidy. The issue had been pending with the Government for several years. Such products had been sold and state governments had also certified these products. In the meeting held on 5th July, 2013, the issue was discussed in detail and a number of decisions were taken. One of the decisions was that the Department of Fertilizers will formulate new guidelines for categorization of deviations and release/recover subsidy on a sliding scale depending on the extent of deviations. FAI vide letter 24th January, 2018 to the Secretary (Fert.) and the Secretary, Agriculture, Cooperation & Farmers Welfare requested to impose reasonable penalty and release subsidy for products with minor deviations in quality parameters. It was also requested that a detailed methodology be worked for compounding the small variation from the specified limits of both physical parameters and nutrient contents of the products. Hon'ble Union Minister of Agriculture & Farmers Welfare was also requested by FAI vide letter dated 24th January, 2018 for his intervention in the matter.

5.4 Non-availability of Adequate Rakes

5.4.1 It was brought to the notice of FAI that there was huge shortage of availability of rakes in the western region for movement of fertilizers from plants/ports to

the field. The matter was brought to the notice of the western railway officials and also the Railway Board by the fertilizer industry directly as well as through the Department of Fertilizers. However, the efforts did not yield any visible improvements. Vide letter dated 9th October, 2017 addressed to the Secretary (Fert.), FAI requested for her intervention to ensure availability of rakes on priority for movement of fertilizers to meet the requirement of sowing of *rabi* crops. Further, vide letters dated 16th October, 2017, Hon'ble Minister of Chemicals and Fertilizers and Hon'ble Minister of Railways were also requested for their intervention in the matter.

5.5 Coastal Movement of Fertilizers

5.5.1 Government of India vide OM dated 13th October, 2016 notified the policy for reimbursement of freight through coastal shipping or inland water transportation upto rake points of the districts. Subsequently, road freight component under primary movement was also considered upto final destination vide OM dated 29th March, 2017. The primary movement refers to movement of subsidized fertilizers by rail and/or coastal shipping/inland water transportation including road bridging upto final destination or by any or two or by all three modes of transportation from the plant or port to various points of rake to districts.

5.5.2 The movement of fertilizers could have commenced by coastal waterways but for exorbitant port charges. To facilitate the movement of fertilizers, FAI vide letter dated 12th January, 2018 requested the Hon'ble Minister for Road Transport & Highways, Shipping and Water Resources, River Development & Ganga Rejuvenation to extend rebate of 80% on port tariff for movement of fertilizers as has been done for car cargo. It was also requested to waive off notional labour charges, and provide facility for storage upto 15 days without any charges in the port and exempt GST on ship fuel for movement of bulk cargo as given for ships carrying container cargo. Similar letter was also written to the Secretary, Ministry of Shipping and the Principal Secretary to the Prime Minister on 12th January, 2018. In response to FAI letter, Ministry of Shipping vide letter dated 16th February, 2018 intimated that issues raised by FAI are being examined. It was informed that GST on bunker fuel has been reduced from 18% to 5% for all Indian flag vessels.

5.5.3 Ministry of shipping requested FAI to furnish the detailed facts and figures with justification for reduction in port charges for fertilizers. FAI wrote a letter dated 22nd February, 2018 to Under Secretary, Ministry of Shipping giving details of the cost incurred in coastal shipping including loading charges at the ports and

transportation cost. Subsequently, DG, FAI along with the representatives from the member companies discussed the issue in a meeting in the Ministry of Shipping on 28th February, 2018. Another letter dated 14th March, 2018 was sent to the Secretary, Ministry of Shipping, giving comparative cost data for movement of fertilizers under existing options and by coastal shipping. It was emphasized that there was a need to reduce the cost of coastal shipping to make it viable alternative. In addition to reduction in port and labour charges and waiving off storage charges in port godowns for 15 days, it was requested that foreign vessels which discharge imported cargo at multiple ports should be allowed to transport domestic cargo in their vacant hatches from one Indian port to another port.

5.6 Use of Electronic Toll Collection Technology for Payments

5.6.1 FAI received a letter dated 27th February, 2017 from Department of Fertilizers to examine the applicability/ implementability of the electronic toll collection technology with reference to vehicles containing fertilizers. On the basis of feedback received from the member companies, FAI wrote a letter dated 6th April, 2017 to Director (Admin.), Department of Fertilizers supporting the proposed move of electronic toll collection.

6.0 DBT IN FERTILIZER SECTOR

6.1 A pilot project on Direct Benefit Transfer (DBT) in fertilizer sector was initiated in Krishna and West Godavari districts of Andhra Pradesh w.e.f. 1st October, 2016. The project was extended in phases to cover another 14 districts upto 1st August, 2017.

6.2 There had been lot of issues/problems in implementation of DBT in the fertilizer sector in the pilot districts. FAI has been continuously taking up these issues/problems with the Department of Fertilizers since its implementation. Based on the discussion in the FAI Board meeting held on 24th March, 2017 and subsequent discussion in the meeting of FAI Marketing Advisory Committee held on 10th April, 2017, FAI wrote a letter on 27th April, 2017 to the Secretary (Fert.) enumerating various operational problems. It was requested that a Joint team consisting of officials of DOF, NIC, FAI and industry members may visit the pilot districts and submit reports on the ground situation. In view of numerous operational problems, the linkage of payment of subsidy on sale of fertilizers through POS machines may be limited to Rs. 50 per tonne till the entire system achieves a smooth operation. Further, the matter was also discussed with the Secretary (Fert.) on 28th April, 2017.

6.3 Department of Fertilizers constituted a Review Committee consisting of officials of DOF, NIC, FAI and fertilizer industry members under the Chairmanship of Joint Secretary (DBT) on 1st June, 2017 to discuss the various issues pertaining to DBT in fertilizer sector.

6.4 The FAI Board in its meeting held on 18th August, 2017 desired that the issues regarding the implementation of DBT be taken up with the Review Committee constituted by the Department of Fertilizers. Accordingly, a meeting of the Review Committee was held in FAI office on 6th September, 2017. The meeting was Chaired by the Secretary (Fert.). The industry members highlighted the issues related to policy, operation, system/software and RO module with special reference to experience in DBT districts. It was emphasized that in spite of huge efforts made by the industry in implementation of DBT, fertilizer companies are facing hardship because of non-payment of 100% subsidy in pilot districts which should be paid on weekly basis as per the policy. It was requested that issues arising out of implementation of DBT in pilot districts should be analyzed and solved before roll out of the scheme across the country.

6.5 Subsequently, Additional Secretary, Department of Fertilizers clarified a number of issues and mentioned that any issue faced by the industry related to states should be taken up at the level of Principal Secretary (Agriculture) of the concerned State. He also presented the schedule of DBT Go Live states in phases starting from Delhi w.e.f. 1st September, 2017. The minutes of the meeting were circulated by the Department of Fertilizers in due course.

6.6 As a follow up, FAI again wrote a letter dated 30th October, 2017. It was underlined that an early redressal of the issues as given in the minutes by Department of Fertilizers will help in implementation of the scheme. Following issues were highlighted in the letter:

- (i) Persistence of the issue of mismatch of physical stock with iFMS stock
- (ii) Software related problems
- (iii) Problem in biometric authentication of retailers during initialization of POS machines and the farmers at the time of sale
- (iv) Poor internet connectivity in most of the rural areas
- (v) Major issue in maintenance of the POS machine and poor after sale service
- (vi) Reluctance of retailers to attend the training sessions
- (vii) Disappearance of RO entries from the POS machines

- (viii) Absence of some company's product in POS machines
- (ix) No relevance of certification of sales of fertilizers by the auditors
- (x) Software is not in vernacular languages
- (xi) Sale of fertilizers being done by the retailers without POS machine
- (xii) Lack of experience and technical support of DBT team in the district

6.7 It was requested that a detailed study be carried out in the pilot districts and issues be identified. A rigid time frame for countrywide rollout might endanger the fate of the scheme. Till complete stabilization of iFMS and subsidy payment, a token payment of subsidy of Rs.50 per MT to be linked to sales of fertilizer through POS machines by retailer and continuation of payment of remaining subsidy as per the present system.

6.8 As per the Department of Fertilizers instructions, the sale receipt has to be generated through POS machine only. At the same time, as per the GST law, the retailer had to issue a tax invoice showing description related to quantity and value of goods and chargeable GST. DG, FAI vide letter dated 15th November, 2017 to the Additional Secretary, Department of Fertilizers and endorsing the copy to the Secretary (Fert.), requested to kindly look into the matter and revisit the software of the POS machine to comply with DBT scheme and GST law. Subsequently, software was updated to comply with the GST requirement for generation of bills by the retailers to farmers.

6.9 In spite of numerous problems encountered in the pilot project, Government of India rolled out the scheme in all states between 1st September, 2017 and 1st March, 2018. The fertilizer industry purchased and installed POS machines at 2 lakh retail outlets across the country and provided training to the retailers about the operation. The system of implementation of DBT still suffered from many problems.

6.10 DG, FAI was invited by the Standing Committee on Chemicals and Fertilizers of the Parliament to make a presentation on 22nd February, 2018. The presentation highlighted the issues of the industry and submitted suggestions to help the industry. Department of Fertilizers also made a presentation before the Standing Committee. The Chairman and other members of the Standing Committee appreciated the issues raised by FAI. In its report, the Committee also made observation on DBT. A relevant part is reproduced below:

“...the Committee were also apprised of the fact that this DBT does not transfer subsidy directly into the pocket of beneficiary as in the case of LPG.”

“...Having analyzed the pros and cons of the existing system of transferring fertilizer subsidy directly to the fertilizers companies, through the extant DBT system, the Committee are of the strong view that the cause of balanced use of fertilizer is a sacrosanct objective which cannot be compromised to sustain agriculture production and soil health. They also do not endorse the reason of the Government that the farmers would not be able to purchase the urea in case DBT as in the case of LPG is used to directly transfer the fertilizer subsidy keeping in view of their limited purchasing power. The Committee think that the way can only be explored when there is will. They are of the strong conviction that such constraint may be addressed by way of giving advance credit over draft facility to farmers or by reducing packaging of the fertilizers below 45 kg making viable for them to purchase the same. They are of the considered view that it will also go a long way contributing for balanced use of fertilizers on one hand and bringing down the subsidy burden on the other. The Committee, therefore, also urge that the matter may be taken up on priority basis with NITI Aayog for early finalization of the report of the Committee constituted in the Aayog for the purpose.”

7.0 FAI COURT CASES

7.1 Open Access for Transportation of RLNG from West Coast to East Coast

7.1.1 As reported in earlier years' Directors' Report, FAI had filed a Writ Petition in Delhi High Court against PNGRB order dated 18th November, 2013 to provide open access to the RGTIL pipeline for transportation of RLNG from West Coast to East Coast. The RGTIL had also simultaneously filed petition against the same order. The High Court had stayed the implementation of PNGRB order vide its order dated 22nd January, 2014.

7.1.2 Meanwhile, the Central Government, as part of Finance Act 2016, passed an amendment in the Central Sales Tax Act 1956. After this amendment, only CST should be applicable even if natural gas is supplied to consumers in AP and LNG is fed to RGTIL pipeline at West Coast to make up supply to fertilizer plants located on West Coast and in the North West.

7.1.3 Arguments continued in the petition with numerous adjournments.

7.1.4 RGTIL, one of the respondents filed an affidavit on

25th October, 2017 citing The Taxation Law (Amendment) Act 2017 where clause 13b does not include fertilizers or urea in the list of goods for which CST will be applicable. In view of this, RGTIL requested the court to dismiss the FAI petition. It was listed on 03rd November, 2017. FAI advised its counsel that taxation laws for both GST and non-GST are evolving. The possibility of double taxation on natural gas still remains. We should withdraw the petition to avoid dismissal with a request to the court that we should be given liberty to approach the court in case of said PNGRB order affects the fertilizer companies and hence the government adversely. DG, FAI requested the DOF to support the FAI's position in the court. The case was listed for hearing on 10th November, 2017 but could not be heard. The matter was listed for hearing on 17th November, 2017. FAI agreed to withdrawn its petition in view of the developments in taxation laws. To protect the interest of FAI members, it was proposed that petitioner be given liberty to approach the Court in case there is an adverse impact of impugned PNGRB Order. Hon'ble Court accordingly passed the order and petition was withdrawn.

7.2 Case Relating to Marketing Margin

7.2.1 Pursuant to the order of 12th November, 2014 of Hon'ble Delhi High Court and FAI contempt petition, the Government finally notified a marketing margin of Rs. 200/MSCM w.e.f. 18th November, 2015 for supply of gas from all domestic sources. FAI then pressed for payment for past period. Hon'ble Court passed an order on 16th December, 2015 for payment to be made by 15th April, 2016. However, UOI filed an SLP in Supreme Court against the High Court Order which was dismissed. Government then filed LPA in the division bench of Delhi High Court on 19th May, 2016. On the direction of court, FAI filed an affidavit on 8th August, 2016. The matter was taken up on 5th October, 2016. UOI served the rejoinder during the hearing on 8th March, 2017 in response to FAI's affidavit objecting to the admission of LPA. Matter was listed on 27th April, 2017 but could not be heard and was listed for 16th August, 2017. After several listings, the matter was heard on 19th April 2018. During the hearing appellant sought adjournment to produce the relevant files that include the recommendations and the consultation with the Ministry of Petroleum and Natural Gas and its final recommendations as well as the processing of the recommendations by the concerned Ministries i.e. the Ministry of Petroleum and Natural Gas, and the Department of Fertilizers, Ministry of Chemicals and Fertilizers, besides the cabinet note. The matter is now listed for 24th July, 2018.

7.3 Writ Petition of Independent Power Producers Association in A.P. High Court

7.3.1 Independent Gas Based Power Producers'

Association of Andhra Pradesh had filed a SLP in Supreme Court Challenging the Judgment of High Court of Andhra Pradesh. The Association had challenged the policy of allocation of domestic gas by the Union of India (UOI). 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. Government of India was 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 heard on 10th July, 2017 and again 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. There has been no further progress in the matter.

7.4 Writ Petition of Essar Steel for Change in Priority in Allocation of Gas

7.4.1 As reported in previous years' Directors' Report that M/s Essar Steel had filed a SLP in Supreme Court challenging the order of Delhi High Court in the petition challenging the policy of the Union of India in allocation of gas from KG-D6. Similar appeal had also been filed by the Welspun Maxsteel against a similar order of Bombay High Court. FAI remains respondent in both the petitions in Supreme Court. The Essar Steel has pleaded in its submission that there should be universal pooling of gas for all sectors. FAI filed an affidavit on 19th August, 2015 defending the policy of UOI of providing the first priority to fertilizer sector in allocation of domestic gas. The matter was heard on 6th September, 2016 in part. The court desired to know whether the EGOM decisions on fixing priority of the sectors taken in 2009 were any time changed by the Ministry. The Hon'ble Court also desired to know the proceedings of case of Arbitration between RIL & Union of India and asked the Solicitor General to appear in the next hearing on 15th September, 2016. The matter could not be heard on 15th September, 2016 and it was relisted for hearing on 27th September, 2016. On that date, GOI Counsel submitted that decisions taken by EGOM in its meeting on 27th October, 2009 had not been revoked. Further the Counsel of GOI submitted that there is no necessity of that revocation. The court directed GOI to place the aforesaid decision on record by means of an affidavit by competent authority of GOI. There is no further listing of the matter at present.

7.5 Writ Petition on Fertilizer Bonds

7.5.1 Members are aware that FAI had filed a writ petition for compensation of losses suffered by fertilizer companies on sale of bonds issued during 2007-09 and also purchase of remaining bonds.

7.5.2 The written pleading in this case has been completed. During the hearing on 12th December, 2017 the counsel for respondent sought time to take instructions regarding whether the government could bear the entire shortfall in recovery of the subsidy by the concerned fertilizer companies. He further stated that he has received instructions that compensation for loss is to be examined by the petitioner and RBI and if there is any variation, the issue would be sorted out by appointing a neutral agency. The matter was heard on 20th February, 2018. The court order stated that the respondents need to take a decision, immediately, as regards two aspects. First, whether or not they will compensate the petitioner companies, at least to the extent of loss as quantified by RBI. Second, as to whether in respect of the difference in the quantification of loss as arrived by the petitioners and RBI, the respondent would want to audit the accounts of the fertilizer companies. The court order further stated that the Department of Expenditure, which is to reimburse the losses suffered by the fertilizer companies, will take appropriate steps with regard to reimbursement of losses, at least, as per the quantum arrived at by RBI.

7.5.3 Respondents submitted additional affidavit on 19th March, 2018 (date of hearing) justifying the government's decision. The court in its order dated 19th March, 2018 observed that there is nothing on record which would suggest that the petitioners had accepted stand of the respondent that they would restrict their claim to 50% of the loss incurred upon buyback of bonds. FAI Counsel also argued that the decision to compensate 50% of the loss incurred on buyback of bonds was an interim measure. The final decision, if any, of the government to compensate only 50% of the loss has not been communicated to the petitioners. Next date of hearing was fixed for 28th May, 2018 but the case was renotified for 4th October, 2018.

7.6 Writ Petition on Interest on Delayed Payment of Subsidy and Freight Bills

7.6.1 Inordinate delays in payment of subsidy and no interest on such delayed payments cause serious financial injury to fertilizer companies. FAI filed a writ petition in the Delhi High Court in July, 2013 for interest on delayed payment of subsidy. The Hon'ble High Court in its order dated 27th August, 2014 directed DOF that the matter shall

be decided within a period of 4 weeks. However, DOF passed an Order No. 21011/4/2013-MPR dated 9th December, 2014 declining any relief to the industry. Hence, second writ petition was filed in Delhi High Court in February, 2015.

7.6.2 The written pleadings in this case have been completed and the case is progressing slowly. During the hearing on 5th March, 2018, the court desired to know the amount and period for which the interest is due to the petitioner companies. The desired information was collected from the member companies by FAI and the same was submitted to the Hon'ble Court on 25th April, 2018. The next date of hearing is 25th July, 2018.

7.7 Writ Petition for Recovery of ACTN Prior to 1st April, 2011

7.7.1 The State Government of Gujarat and Uttar Pradesh levied Additional VAT on major inputs like natural gas, naphtha, etc. used for fertilizer manufacture. These additional taxes were not recognized by Department of Fertilizers as cost under the pricing and subsidy policy for urea. After persistent persuasion, DOF formulated and notified a policy to pass on these costs to farmers in respective states by way of higher MRP w.e.f.1st April, 2011. The policy also stated that DOF would take up with respective state governments for recovery of these taxes for the period prior to April, 2011. However, the matter remained unresolved despite number of representations and persistent follow up by FAI with DOF for reimbursement of these non-recognized input taxes. Hence, FAI filed a Writ Petition in Hon'ble Delhi High Court on 27th March, 2015.

7.7.2 The case was disposed of by Hon'ble Court with a direction to the Government to dispose of the representation by FAI dated 13th February, 2015 within a period of two months from the date of Court Order i.e. 8th April, 2015. However, the matter was not decided despite repeated orders and directions by the Hon'ble High Court of Delhi to DOF and concerned State Governments. The Court took strong view for the inaction of the Government and passed an Order for finally deciding the matter by 7th January, 2016. DOF passed an order dated 20th November, 2015 wherein the payments for the past period was declined. A new Writ Petition [W.P. (C) 1822/2016] was filed wherein the DOF's order dated 20th November, 2015 has been challenged.

7.7.3 The case has been progressing slowly with no material development in spite of regular efforts by FAI

counsel. The respondent filed the counter affidavit on 31st August, 2017 after much delay and after the Hon'ble Court gave ultimatum to file the counter affidavit within one week, else the right of respondent to file counter affidavit would stand closed without any further order. FAI has filed the Rejoinder to the Counter Affidavit in the court on 20th March, 2018. However, the case could not be taken up on the date of hearing i.e. 23th April, 2018 and the matter is listed now for 23rd October, 2018.

8.0 BUDGET ALLOCATION AND PAYMENT RELATED ISSUES

8.1 Cumbersome Payment Procedures

8.1.1 Subsidy constitutes 70% of cost of urea and 30-40% cost of P&K fertilizers. Thus, timely payment of subsidy by the government is crucial for recovery of total cost of fertilizers by the industry. Getting payment of subsidy from government, which is nothing but reimbursement of cost, is a herculean task. There are procedures which are cumbersome and difficult to comply with. Acknowledgement of quantity and quality sold in each state by state government is one such requirement. Fertilizer companies suffer due to slow and non-functional departments of certain states. Similarly, computerized integrated fertilizer management system (iFMS) continues to pose problems. There is requirement of large number of entries at various stages e.g. production, despatches, movement through rail/road, secondary movement from railhead, receipt by wholesalers and then retailers, etc. Some of the payments are pending for years due to impractical compliance procedures.

8.2 Carry Forward of Outstanding Subsidy and Freight Dues

8.2.1 Inadequate allocation of fertilizer subsidy in Union budget for past several years results in no funds available for payment in second half of the financial year. Inordinate delay in payment of subsidy increases the working capital requirement and interest cost thereon. There is no provision in fertilizer policies for recognition and payment of such inflated interest cost. The amount of unpaid subsidy bills of one year carried forward to the next had been over Rs. 40,000 crores till recently. With decline in international prices of fertilizers and raw materials, the amount has come down last year, but it was still significant. The amount of unpaid subsidy dues carried forward to next year for years 2015-16, 2016-17 and 2017-18 (estimated) are given in the following Table.

Unpaid Subsidy Dues Carried Forward to Next Year	
Year	Amount (Rs. Crore)
2015-16	Rs. 43,356.23 [†]
2016-17	Rs. 39,057.11 [†]
2017-18	Rs.32,053.21 [*]
[†] Source DOF	
[*] Estimated at FAI based on data of 23 fertilizer companies	

8.2.2 Outstanding dues for 2017-18 include pending payments based on bills already submitted, and also the dues pending for which fertilizer companies are not able to generate and submit bills due to issues related to payment procedures, iFMS and DBT. The breakup of estimated outstanding subsidy and freight dues as on 31st March, 2018 as per data received from 23 fertilizer companies depicting dues on account of bills submitted, bills which could not be submitted and the outstanding dues arising due to non-payment of Modified NPS-III Policy for urea are given in the Table.

Unpaid Subsidy Dues of 2017-18 as on March, 2018 (Rs. Crore)	
Particulars	Amount
Bills submitted but not paid on due dates/ delayed	10,417.94
Claims pending submission due to system delay	18,523.01
Amount due on account of modified NPS-III for urea w.e.f. 1.4.2014	3,112.26
Total	32,053.21
Note: Estimated in FAI based on data received from 23 fertilizer companies.	

8.3 Budget Allocation

8.3.1 Table depicts fertilizer subsidy for 2016-17, 2017-18 and 2018-19 as per the budget documents.

Fertilizer Subsidy 2016-17 to 2018-19 as per Budget Documents (Rs. Crore)				
Particulars	2016-17 Actual	2017-18		2018-19 BE
		BE	RE	
Urea Subsidy (A)	47,469.51	49,768.00	42,748.00	45,000.00
Payment for indigenous urea	38,000.00	37,000.00	31,973.70	34,989.50
Payment for urea freight subsidy	2,000.00	3,000.00	5,000.00	
Payment for imported urea (net recovery)	7,469.51	9,768.00	5,748.00	10,000.00
Direct benefit transfer in fertilizer subsidy	-	-	26.30	10.50
Nutrient Based Subsidy (B)	18,843.42	20,232.00	22,251.80	25,090.35
Payment for indigenous P&K fertilizers	11,842.88	12,317.00	14,337.00	15,820.35
Payment for imported P&K fertilizers	6,999.99	7,900.00	7,900.00	9,260.00
Payment for city compost	0.55	15.00	14.80	10.00
Grand Total (A+B)	66,312.93	70,000.00	64,999.80	70,090.35

Source : Expenditure Budget 2018-19, Ministry of Finance, Budget Division
BE = Budget Estimate, RE = Revised Estimate

8.3.2 *The Year 2017-18:* The financial year 2017-18 started with unpaid subsidy bills of more than Rs. 39,000 crore carried forward from the previous year (2016-17). Budget allocation for 2017-18 was Rs.70,000 crore. This amount was further reduced in the revised estimates to Rs. 64,999.80 crore. After adjusting for the backlog of previous year, the amount left over for the year 2017-18 was only about Rs. 26,000 crore. This was grossly inadequate to meet the requirement for the year 2017-18 by any measure. Thus, the year ended with an estimated back log of more than Rs.32,000 crore including the pending amount for which bills could not be raised due to various reasons like non-updation of subsidy and freight rates on computerized mobile fertilizer management system/iFMS uploading and updating of POS machine based sales of fertilizer data under DBT, etc. Out of the total outstanding bills, about Rs. 4700 crore is pending on account of DBT alone which was started from October 2016 in pilot districts and spread over rest of the country in stages and is now fully operational in all states from March, 2018.

8.3.3 *The year 2018-19:* Budget allocation for fertilizer subsidy for the financial year 2018-19 is Rs. 70,090 crore. After deducting backlog of previous year of Rs.32000 crore, the amount left for the year 2018-19 is only Rs.38,000 crore. This again is grossly inadequate to meet the requirement for the year unless additional amount is allocated under supplementary grants. The realistic estimate of subsidy requirement for 2018-19 has to be made taking into consideration the rising international prices of imported natural gas and raw materials for P&K fertilizers.

8.4 Fertilizer Industry – Pre-budget Memorandum

8.4.1 Like every year, FAI submitted Pre-Budget Memorandum of fertilizer industry for Union Budget

2018-19 to the concerned divisions of the Ministry of Finance and Department of Fertilizers. Following memorandums were submitted.

(i) Letter dated 4th December, 2017 addressed to Finance Secretary, Ministry of Finance (MOF) seeking additional Budget Allocation of Rs. 30,000 crore for Fertilizer Subsidy for 2017-18 and adequate allocation for 2018-19. Similar letter was also written to Secretary, Department of Expenditure, MOF.

(ii) Letter dated 4th December, 2017 addressed to Joint Secretary (TRU-I), Department of Revenue, MOF regarding (a) exemption/ reduction in customs duty on phosphoric acid, ammonia, rock phosphate and sulphur and (b) reduction in rate of GST on phosphoric acid and ammonia from 18% to 5%.

8.4.2 FAI also addressed a letter to the Secretary (Fert.) on the issue enclosing copies of the letters addressed to the Finance Ministry and requesting for taking up the issues with the Ministry of Finance.

9.0 TAXES AND DUTIES

9.1 Customs Duty on Phosphoric Acid, Sulphur, Rock Phosphate and Ammonia:

9.1.1 Domestic capacity of P&K fertilizers is almost 100% dependent on imported raw materials like rock phosphate, sulphur, phosphoric acid and ammonia. Domestic producers in India suffer the cost disadvantage due to levy of customs duty on imported raw materials. The rate of subsidy is same on imported and domestic P&K fertilizers. Thus, any cost disadvantage arising due to levy of customs duty on imported phosphoric acid, ammonia, rock phosphate and sulphur, makes domestic production uncompetitive vis-à-vis imports. The capacity utilization of domestic phosphatic fertilizers has already declined substantially in the recent years from 100% in 1997-98 to 65% in 2016-17. Exemption/reduction in customs duty on the above raw materials will improve competitiveness of domestic production in comparison to imports. This will encourage domestic production. Accordingly, the following were requested the government as part of pre-budget memorandum (i) Exemption of customs duty on phosphoric acid and ammonia which is currently at 5%, (ii) Exemption of customs duty on rock phosphate and sulphur which is currently at 2.5% and (iii) If complete exemption cannot be given, then import duty on these raw materials/intermediates be reduced at least 1%.

9.2 Goods & Services Tax (GST)

9.2.1 Implementation of GST w.e.f.1st July, 2017 on

fertilizers and raw materials except natural gas and petroleum products, would have posed serious problems for the fertilizer sector, but for the proactive steps taken by FAI much before its implementation. Timely representations by FAI and regular follow up resulted in exclusion of subsidy from GST. The rate of GST on fertilizers was also reduced from 12% to 5%. However, issues of higher rate of GST on major raw materials like phosphoric acid, ammonia, naphtha, fuel oil, etc., remained. The issue of time bound refund of unutilized input tax credit arising due to inverted duty structure and exclusion of subsidy from GST also remained.

9.2.2 FAI kept pursuing these issues throughout the year with regular follow up with concerned authorities. As a result, the rate of GST on phosphoric acid was reduced from 18% to 12%. The GST rate of even 12% on phosphoric acid will result in blockage of large amounts as unutilized input tax credit to P&K fertilizer manufacturers. Hence, FAI has been further pursuing for reduction of GST on phosphoric acid to 5%. It also continues to follow up for reduction in rates of GST on ammonia, naphtha and fuel oil from 18% to 5%.

9.2.3 The issue of refund of time-bound unutilized input tax credit (ITC) remained an important issue in discussions with concerned authorities. Unutilized input tax credit for fertilizer sector arises due to two reasons. First is due to inverted duty structure i.e., rate of GST on raw materials being higher than the rate of GST on fertilizers. Second, it arises due to subsidy being exempted from GST, which results in higher incidence of GST on inputs than the incidence on GST on fertilizers at 5% excluding the value of subsidy. Fertilizer sector deserves refund of accumulated ITC due to both reasons. However, concerned authorities need to issue necessary clarification in this regard. The Rules also need to provide for time-bound refund of unutilized ITC for cash strapped fertilizer sector on similar lines, as provided for exports i.e. 90% refund within a week. All these issues were regularly raised and followed up by FAI at various levels of the concerned authorities during the year.

9.2.4 Another issue that cropped up during the year relates to "Rate of IGST on imported urea and MOP" which are used in manufacture of other complex fertilizers. Earlier, tax authorities were clearing imported urea and MOP at IGST rate of 5%. But, of late they have started insisting for GST rate of 18%. The issue has been taken up with the Finance Ministry and GST Council with a request for levy of GST at 5% on imported fertilizers (like urea and MOP) used for manufacture of other fertilizers.

10.0 ISSUES RELATED TO SUPPLY OF COAL AND NATURAL GAS

10.1 Unified /Pooled Tariff for Transportation of Gas from GAIL Pipelines

10.1.1 PNGRB had circulated a public consultation paper on unified tariff for transportation of natural gas for comments. The consultation paper was based on the presentation made by GAIL to PNGRB for unified tariff for its interconnected cross country pipelines which are operational at present and are expected to be commissioned in future. Based on the feedback of the members, FAI in its submission to PNGRB highlighted that unified tariff will increase the gas cost for most of the existing urea units and complex fertilizers. It will affect competitiveness of indigenous production of phosphatic and potassic fertilizers. It was also pointed out that pooling of tariff will transfer burden of unviable pipelines to the existing gas consumers. A representation in this regard was also sent to the Secretary (Fert.) on 8th November 2017 with a request to take up the matter with the Ministry of Petroleum and Natural Gas.

10.2 Priority of Fertilizer Sector in Allocation of Domestic Natural Gas

10.2.1 Natural gas accounts for 70-80% of cost of production of urea. A number of naphtha and fuel oil based plants changed to gas as feedstock in last 10 years under policy direction from the government. At present 95% urea capacity is based on gas with average gas consumption of about 43 MMSCMD. Due to continuous reduction in supply of domestic gas and conversion of non-gas plants to gas has increased the dependence of fertilizer industry on imported gas. The latter is much more expensive than domestic gas resulting in higher urea subsidy.

10.2.2 Fertilizer plants were supplied 31.5 MMSCMD of domestic gas in July 2013 which has come down to 17.5 MMSCMD in March 2018. Thus share of domestic gas in total supply of gas to fertilizer industry has come down from 75% in 2013 to less than 40% in March, 2018. Fertilizer plants were allocated 15 MMSCMD gas from KG-D6 on firm basis. But supply has gradually come down to mere 3.8 MMSCMD in 2018. According to reports, gas wells of KG-D6 will be completely shut down very shortly. Priority of fertilizer sector in allocation of domestic gas has been abandoned by the government. Most of the gas available now is from deep sea wells which has higher price but still lower than LNG. FAI has again written to the Department of Fertilizers for allocation of domestic gas from new sources. This will help to bring

down the gas pool price and hence save on subsidy for urea.

10.3 Inadequate Supply of Coal to Fertilizer Plants

10.3.1 One of our members having captive power plant on coal faced acute shortage of coal during most of time in 2017-18. FAI made a representation to the Secretary (Fert.) in September 2017 with a request to take up the issue with the Ministry of Coal and Ministry of Railways. It was highlighted that shortage of coal has bearing on the production and energy efficiency of the plants dependent on coal for power and steam generation. Representations were again sent in December 2017 to Secretary (Fert.), Secretary (Coal) and Chairman, Railways Board requesting the availability of coal to fertilizer plants.

11.0 ISSUES RELATED TO TECHNOLOGY AND ENERGY USE IN FERTILIZER SECTOR

11.1 Perform Achieve and Trade in Fertilizer Sector (PAT)

11.1.1 The 8th Meeting of Sector Expert Committee under Perform Achieve and Trade (PAT) scheme of Bureau of Energy Efficiency (BEE) was held on 25th July, 2017. Mr. Abhay Bakre, Director General, BEE was also present in the meeting. The Committee has representation from DOF, FAI, NFL, IFFCO and KRIBHCO. Dr. S. Nand, DDG, FAI and Chairman of the Committee apprised DG, BEE about the implementation of PAT scheme in the fertilizer sector. He also briefed about the policy environment governing the sector. He underlined that pricing policy for urea also includes energy consumption norms. DG, BEE requested FAI to prepare a brief note on fertilizer sector and status of energy consumption in the sector. Accordingly, FAI prepared the note and submitted to BEE. During the meeting, Sector Expert-BEE suggested to have separate rules/guidelines for reporting, monitoring and verification for fertilizer sector in view of its uniqueness. He explained the various factors which are considered differently from other sectors. The Committee recommended framing separate rules/guidelines for fertilizer sector. The issues related to complex fertilizer plants and various external factors that may affect their operational efficiency and hence energy consumption were discussed in detail. The normalization factors for complex fertilizer plants are to be worked out by the sub-committee for fertilizer sector.

11.2 MOU with BEE for Organizing BEE-FAI Training Programme

11.2.1 FAI signed an MOU with BEE to organize Fertilizer

Sector Focused Training Programmes for Accredited Energy Auditors and Officials of BEE and State Designated Authority. FAI organized the first 3-day Training Programme in October 2017 in FAI New Delhi. The programme was inaugurated by Mr. Abhay Bakre, Director General, BEE. Mr. Pankaj Kumar, Secretary, BEE delivered the special address and Mr. Satish Chander, DG, FAI delivered the keynote address. Senior officials of BEE were also present during the inaugural session. DG, BEE appreciated that fertilizer sector was the highest performer under PAT Cycle 1 and exceeded the energy saving target by 64%. He commended the efforts of FAI in providing support to BEE for organizing Training Programme for Fertilizer Sector. In the special address, Secretary, BEE appreciated FAI's contribution to BEE activities since beginning of PAT Cycle 1. DG, FAI in his address apprised about the policy environment of fertilizer sector and its bearing on energy efficiency. DDG, FAI highlighted the efforts of fertilizer industry in achieving high level of energy efficiency. The programme was attended by participants from Accredited Energy Auditors and officials of BEE. The faculty for the programme was drawn from IFFCO, CFCL, two independent industry experts and FAI.

11.3 Draft Energy Conservation Guidelines for Industries

11.3.1 Bureau of Energy Efficiency is developing generic Energy Conservation (EC) guidelines for designated consumers in industry sector to enable individual industrial unit to prepare its Energy Management Manual and put in practice to improve performance. The manual is based on the model prepared by Energy Conservation Centre (ECC), Japan. The draft guidelines have been developed considering the aspects of Energy Conservation Act and ISO 50001. Based on the guidelines, the Energy Manuals are to be prepared by the plants. The Energy manual comprises of management and control of particular equipment, measuring and recording of key parameters, maintenance and inspection. It should also include necessary measures to be considered whenever new facility is installed or existing one is replaced.

11.3.2 Draft Energy conservation guidelines were discussed in a meeting on 20th September, 2017 and deliberated in workshop on 24th November, 2017 and on 26th February, 2018. It was informed that the Ministry of Power has mandated BEE to develop Energy Conservation Guidelines for Indian industries and further develop Energy Manual for each plant based on these guidelines. FAI emphasized that such guidelines would have limited relevance to fertilizer industry and should remain strictly voluntary. After discussion in technical advisory committee meeting, FAI sent a detailed

representation to BEE on 27th March 2018 highlighting that components of the guidelines are already in practice in the fertilizer industry. Hence, these guidelines should not be made applicable to fertilizer industry. In response, BEE had clarified that guidelines are not mandatory as of now and it was purely voluntary for an industrial unit to follow the prepared guidelines.

11.4 Energy Consumption in Ammonia Urea Plants

11.4.1 FAI has been compiling the energy consumption data for ammonia-urea plants on quarterly basis. The weighted average energy consumption for ammonia plant was 8.35 Gcal/MT and urea plant was 5.91 Gcal/MT during 2017-18. There is slight improvement over 2016-17 when it was 8.37 Gcal/MT ammonia and 5.95 Gcal/MT urea. A few plants are implementing energy conservation measures and this should further improve the energy efficiency of the industry. IFA is carrying out energy benchmarking study of world plants in 2018 which will give the opportunity to compare performance of Indian plants with latest available data.

11.5 Rules of Origin of Fertilizer Products

11.5.1 FAI participated in Stakeholder's consultation on Rules of Origin organized by FICCI on 12th October 2017 in the context of negotiations for various Free Trade Agreements (FTAs). Subsequently, DDG, FAI and Adviser, FAI met Director, Ministry of Commerce and Industry, New Delhi on 2nd November 2017. Rules of Origin are the criteria needed to determine the country of origin of a product for purposes of international trade. Their importance is derived from the fact that duties and restrictions in several cases depend upon the source of imports. Rules of Origin are used (i) to implement measures and instruments of commercial policy such as antidumping; (ii) duties and safeguard measures; (iii) to determine whether imported products shall receive most-favoured-nation (MFN) treatment or preferential treatment; (iv) for the purpose of trade statistics; (v) for the application of labeling and marking requirements; and (vi) for government procurement. The criteria in the rules of origin sets out specific and detailed conditions on the level of processing that an imported item from a non FTA partner country must undergo in the FTA partner country (or other eligible countries in the region) before being eligible to be called an originating product of a FTA partner country. Some of the common criteria used are

- (i) change in tariff classification (this could be at the tariff chapter, tariff heading or tariff sub heading level)

- (ii) regional value addition
- (iii) substantial manufacturing or processing by excluding some minimal operations.

11.5.2 FAI prepared comments on processes for manufacture of fertilizer products from raw materials. These included formation of urea, complex fertilizers, mixture fertilizers, granulation or prilling, mixing and blending and purification. The Ministry of Commerce accepted FAI suggestion and in its draft has included only chemical processing to justify the product as country of origin. It has excluded products from mixing, blending, change in size, etc., from the definition of country of origin. FAI also prepared a note on strategic importance of indigenous fertilizer industry and protecting the domestic production. The comments and note were sent to the Director, Department of Commerce, Ministry of Commerce and Industry on 8th November 2017. A copy was also sent to the Secretary (Fert.) requesting to take up the matter appropriately with the Ministry of Commerce.

11.6 Technology Needs Assessment (TNA) Project of TIFAC

11.6.1 Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science and Technology, Government of India is carrying out a study on "Technology Needs Assessment (TNA)". The aim of the study is to provide an update on the information related to technology gaps, constraints and financial and policy needs with regard to the fulfillment of India's obligation to the UNFCCC. Fertilizer is included for the study as it is an energy intensive sector and hence relevant from climate change perspective. TIFAC requested FAI to participate in its Steering Committee for the Industrial Process and Product Sector. DDG, FAI participated in the fourth Meeting of National Steering Committee of TIFAC, Department of Science & Technology on 12th December, 2017. During the meeting, he presented the current technological status and various schemes implemented by the industry to improve energy efficiency and reduce greenhouse gas emissions over the years. It was impressed upon the Committee members that fertilizer industry has incorporated the latest technologies in existing plants and energy efficiency level of Indian plants are equivalent to those in developed countries. TIFAC provided a list of technologies for reduction of GHG emission from fertilizer industry. These technologies were to be rated based on the various aspects such as social acceptability, employment generation, raw material availability, energy efficiency, occupational health and safety, income generation, GHG reduction potential,

techno-economic viability, etc. The list provided by TIFAC included large number of technologies, most of which were not very relevant. FAI prepared its own list of present and future technologies and sent for rating to 15 experts. Ratings received from 6 experts with a brief note on policy environment and energy efficiency in fertilizer sector were forwarded to the TIFAC.

11.7 Indian Council for Fertilizers & Nutrient Research

11.7.1 The Department of Fertilizers in September 2016 constituted Indian Council for Fertilizer & Nutrient Research (ICFNR) to undertake/promote research in the areas related to fertilizer, micro-nutrients and bio-fertilizers. Chairman of the Governing Council is the Union Minister for Chemicals and Fertilizers, and its members include Minister of State for Chemicals and Fertilizers, Secretary (Fertilizers), Secretary (DAC & FW), DG & Secretary, ICAR, CMDs of all PSUs, four nominated members in the related field and Joint Secretary (DOF). An Executive Committee has also been constituted under the Chairmanship of Secretary (Fert). The members of Executive Committee include Joint Secretary (DOF) as member secretary, all other Joint Secretaries (DOF), Joint Secretary (DAC & FW), DDG (ICAR), CMDs of RCF, NFL, MFL and FACT, Director (IIT) and four nominated experts in the related field. In the first Governing Council meeting, it was decided that ICFNR will be located at NFL, Noida. Initially expense to be met by seed money from contribution of RCF, NFL and FAGMIL and subsequently, DOF will fund it through plan fund allocation under separate head. The Governing Council in its second meeting concluded that there are limitations in direct funding to ICFNR, registering it under Society Act and setting up of an Institute. After deliberation, the following was recommended:

- (i) ICFNR's present structure comprising of Governing Council & Executive Committee shall be retained for screening the R&D project proposals.
- (ii) Representatives from FAI and CSIR shall also be included in the screening committees of ICFNR.
- (iii) Creation of separate Budget head in DOF for funding of R&D projects approved by ICFNR. Government of India will provide budgetary support through planned fund allocation.
- (iv) Successfully developed product will be allotted to a fertilizer CPSE along with Agriculture Research Institute (like IARI, IISS etc.) for converting the product from lab scale to pilot scale and further to industrial scale

11.8 Declaration of Fertilizer Industry as “Public Utility Service”

11.8.1 Industrial Dispute Act, 1947 allowed all companies irrespective of private, public or cooperative to approach respective State Governments to obtain Public Utility Service (PUS) Status. Fertilizer companies in public sector have been applying to state governments and receiving the status of PUS. However, with amendment in the Industrial Dispute Act, 1947 vide notification dated 18th August, 2010, the central PSUs have to now approach central government for getting the status of PUS. Accordingly, one of the PSUs applied to the Ministry of Labour & Employment. The Department of Fertilizers also recommended for granting the PUS status to the fertilizer units of the company. The Ministry of Labour wrote to the DOF vide their letter dated 03rd September, 2013 that Ministry of Chemicals & Fertilizers to provide a comprehensive proposal with reasoned recommendations with respect to ‘fertilizer and chemical industry as a whole in central sphere’.

11.8.2 Department of Fertilizers sought the comments of FAI. In consultation with members, FAI provided its comments giving justification of declaring fertilizer units as PUS. This was put up before the Board in its meeting on 18th August, 2017. The Board noted the contents and desired that FAI may examine that declaration of a company as PUS should not have adverse legal implication for the company/industry. At the request of DOF, representatives of FAI and two fertilizer companies attended a meeting with officials of Department of Legal Affairs on 21st July, 2017. Director, DOF was also present. The Board was informed in its meeting on 25th September, 2017 that present provisions of law stipulate that individual plants has to approach the ‘appropriate government’ for grant of status of PUS. The DOF had sought the opinion of the Ministry of Law in writing on the subject. The Ministry of Law commented to the effect that issue has to be decided by the Ministry of Chemicals & Fertilizers as a matter of policy. The DOF had again sought the comments of FAI vide their letter 18017/3(2)/2013-Coord dated 9th January, 2018.

11.8.3 Pursuant to discussion in the Board, FAI represented that “At present, a fertilizer manufacturing unit requests the ‘appropriate government’ for declaring it a PUS and the appropriate government grants the PUS status. In our opinion the same procedure should continue. In case of central PSU, government may designate the state government as ‘appropriate government’ as it was the case before amendment in Industrial Dispute Act, 1947 vide notification dated 18th August, 2010”.

11.9 Downtime in Ammonia and Urea Plants

11.9.1 FAI carried out the analysis of data for downtime for the three-year period April 2014 to March 2017. The data was received from 30 ammonia and 31 urea plants. The planned turnaround and forced downtime was the lowest and on-stream days were the highest during the period compared to past surveys. The average on-stream days for ammonia plants increased to 335.7 days per plant per year (DPY) during 2014-17 compared to 327.3 DPY for previous survey for 2011-14 period. Similarly, on-stream days for urea plant improved to 333.9 DPY compared to 323.5 DPY for previous survey period. Plant related problems were segregated into mechanical, electrical, process, instrumentations and other miscellaneous reasons for both ammonia and urea plants. Section and equipment wise details of mechanical problems were analyzed. Reasons external to the plants such as power failure, shortage of raw materials, water problems, were also analyzed. The study report was published in the May 2018 issue of Indian Journal of Fertilisers.

11.10 Technical Special Issue of Indian Journal of Fertilisers

11.10.1 The Technical Special Issue of Indian Journal of Fertilisers was published in June 2017 on the theme of “Energy Efficiency of Fertilizer Plants.” Eight papers including a lead paper by FAI on “Efficiency Improvement in Fertilizer Plants” were published. There was another paper by Bureau of Energy Efficiency on the “Implementation of Perform Achieve and Trade (PAT) Scheme in Fertilizer Sector”.

12.0 ISSUES RELATED TO ENVIRONMENT AND SAFETY

12.1 Environment Standards for Fertilizer Industry

12.1.1 The Ministry of Environment, Forest and Climate Change (MoEFCC) notified the much awaited Environment Protection Standards for Fertilizer Industry on 29th December, 2017. The notification has deviation in some parameters from the draft standards put for public comments. The changes were as recommended by the DOF to MoEFCC. The parameters for free ammonia in liquid effluent for nitrogenous fertilizers and F emissions from NP/NPK fertilizer plants have been made more stringent. In liquid effluent, a measurement of cyanide has been introduced.

12.2 Online Monitoring of Emission and Effluent

12.2.1 The Central Pollution Control Board (CPCB) convened a meeting of various Associations on 22nd

December, 2017 to disseminate information about the CPCB portal <http://182.75.69.206/industry-login>. The portal allows members to cross-check details of online data being submitted from vendors' server to CPCB server. This is to bring transparency and assurance to industry that CPCB is viewing the same data as being transmitted by them. Industry was advised to cross verify their data submitted to the vendor's portal and transmitted to the CPCB portal. Industry should ensure that data were being transmitted without any time lag, alerts are generated only for prescribed parameters, etc. In case of any discrepancy industry may approach CPCB.

12.2.2 Compliance Reporting Protocols for Online Continuous Emission and Effluent Monitoring Systems: The CPCB convened a meeting of Industry Associations on 20th March, 2018 to inform about the mandatory requirement to fill the online Compliance Reporting Protocols. These Protocols require industry to mandatorily provide detailed information related to online continuous monitoring of emission and effluent parameters including type of instruments, frequency of maintenance, etc. The Protocols also require industry to provide information related to calibration of online monitoring instruments and update the CPCB on its operation and maintenance schedule. Some of the information is required to be filled on quarterly basis and other only one time. The CPCB has also defined colour coded alerts based on the exceedance of values from the prescribed standard. The action required by industry and State Pollution Control Boards based on exceedance are also defined. FAI circulated the Draft document to its members and comments received were forwarded to the CPCB. The CPCB has made compliance reporting protocol live from the 18th April 2018 and industry was required to provide all the information online with in stipulated time.

12.3 Emission Limits for Thermal Power Plants

12.3.1 The CPCB convened a meeting on 17th January 2018 to discuss the amended emission limit for particulate matter, sulphur dioxide, oxides of nitrogen, mercury and water consumption limit from coal/lignite based thermal power plants as per the notification S.O. 3305(E) dated 7th December, 2015. The purpose of the meeting was to review the status of compliance of environmental norms by captive power plants. FAI along with representatives of concerned member companies participated in the meeting. Member Secretary, CPCB requested FAI to provide compliance status and difficulty faced, if any, for captive power plants in fertilizer industry. FAI provided the information to the CPCB. It was informed that three plants are meeting standards and one plant would be able to meet the standard within a year's time. Two coal based captive power plants will be closed and

replaced by gas turbine generator.

12.4 Use of Spent Acid in Fertilizer Manufacturing

12.4.1 The Central Pollution Control Board invited FAI and some fertilizer companies to participate in the Technical Expert Committee meeting held on 3rd June, 2017 at CPCB, Delhi, on the issues pertaining to utilization of spent acid and spent ammonium bicarbonate in manufacturing of products to be used as fertilizer, plant nutrients, soil conditioner, etc. During the meeting, the CPCB raised concerns regarding utilization of spent acid from dyes and dyes intermediates, pesticides and pharmaceutical/chemical industries for manufacture of SSP and complex fertilizers. Representatives of SSP industries, complex fertilizers and spent acid generators were also present during the meeting. The CPCB mentioned that utilization of hazardous wastes, instead of disposal, needs to be encouraged but only if the same is safe to the environment.

12.4.2 After detailed discussion, Committee recommended that purification of spent acid/ammonium bicarbonate or other hazardous wastes using environmentally sound technology shall be preferred for utilization of such hazardous wastes for manufacturing products to be used for agricultural purpose. In absence of such purification, the following were recommended:

- (i) Spent sulphuric acid as well as the products derived from such acid shall be analyzed for total concentration of contaminations and total organic carbon (TOC) from NABL accredited laboratory.
- (ii) In case the total concentration of TOC in the product is 1/100th times than prescribed limit of schedule II of the Hazardous Wastes Management Rules, 2016, or Hazardous Wastes Management Rules, 2008, as applicable, the utilization may be permitted initially for one year. During the said one year, the product shall be analyzed for short term and long term effect on plants, soil or environment as well as ecotoxicity by NABL accredited laboratory like Indian Institute of Toxicology Research. Depending upon results of the said tests, corresponding limits of organic chemicals in the products may be prescribed by CPCB thereafter.
- (iii) The utilizer may have option to dilute the spent acid with fresh acid so as to meet the aforesaid concentration limit in the products.

12.5 Notification on Sewage Treatment Plant

12.5.1 Ministry of Environment, Forest and Climate Change (MoEFCC) vide G.S.R. 1265(E) dated 13th October,

2017 notified the standard for Sewage Treatment Plant (STP). M/s RCFL informed that the effluent of STP is being treated in Effluent Treatment Plant (ETP) at Trombay before discharge. Hence, in such cases, norms should be met at the exit of ETP. FAI represented to the MoEFCC on 07th February, 2018 on the suggestions of RCFL.

12.6 Draft Notification on E-Waste

12.6.1 Ministry of Environment, Forest and Climate Change vide 1349(E) dated 30th October, 2017 issued a draft notification on E-Waste (Management) Amendment Rules 2017. The same was circulated to the members.

12.7 State Specific Action Plan under National Water Mission

12.7.1 The National Water Mission (NWM) under Ministry of Water Resources, River Development and Ganga Rejuvenation called a meeting of all stakeholders on 10th August, 2017. The meeting was chaired by Director of Mission. The meeting was also attended by representatives from DOF, FAI and NFL. In the meeting, it was informed that under NWM, all states are required to prepare a State Specific Action Plan (SSAP) for sustainable development and management of water resource. One of the items to be covered in State Plan was demand and supply of water in the industrial sectors. The Mission Director, NWM requested FAI to develop a format for collection of information from fertilizer industry. Based on the draft format provided by NWM, FAI developed the format for collection of information on water from fertilizer industry. The format includes availability and consumption of water in fertilizer plants, future requirement, measures undertaken or planned for water conservation and reduction of waste water discharge, performance indicators for plants in water consumption & discharge and issues & challenges in water management. The format was sent to the NWM after consulting the members.

13.0 DEVELOPMENTS RELATED TO FERTILISER CONTROL ORDER

13.1 Central Fertilizer Committee Meeting

13.1.1 Four meetings of Central Fertilizer Committee (CFC) and four meetings of Technical Committee were held during 2017-18. The Fertiliser Association of India participated in all the meetings and provided its inputs on the agenda items which came up for discussion. Some of the important items discussed in CFC meetings were inclusion of new fertilizer products in FCO; amendment in particle size of granular and prilled urea; amendment in specifications of *neem* coated urea (NCU); certificate course in respect of dealer's qualifications for obtaining

authorization letter; simplification of procedure of inclusion of new fertilizers in FCO; and printing of farmer-friendly messages on back side of the fertilizer bags.

13.2 Inclusion of New Products in FCO

13.2.1 The inclusion of new products in FCO is an ongoing process. The fertilizer products included in FCO under various clauses of FCO during 2017-18 are given below.

Fertilizer notified in Schedule-I

- Urea Ammonium Phosphate 20:20:0 fortified with 13% sulphur
- *Neem* Coated Urea Ammonium Phosphate (28:28:0)
- Concentrated Liquid Calcium 11%
- Zinc Polyphosphate (16% Zn)
- Chelated Zinc as Zn – HEDP (17% Zn)
- Chelated Iron as Fe – HEDP (17% Fe)
- Colemanite (11.0% B)
- NPK 14:35:14 fortified with Zinc (0.5% Zn) & Boron (0.3% B)
- SSP fortified with Zinc (0.5% Zn) & Boron (0.2% B) (Granular)
- Boronated Sulphur (Granular) (80% S & 1.2% B)

Fertilizer notified under Clause-20

- Potassium Nitrate (Prilled) for soil application
- Calcium Amino Acid Chelate (Liquid)
- Zinc Amino Acid Chelate (Liquid)
- Boron Amino Acid Chelate (Liquid)
- Dihydrate Poly Halite

Fertilizer notified under Clause-20A

- 24-24-0 (100% Water Soluble Complex Fertilizer)

Fertilizers notified under Clause-20B

Twenty-six grades of customized fertilizers

13.3 Amendment in Specifications of *Neem* Coated Urea

13.3.1 M/s. GNFC's proposal to Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) to add 2 more parameters *i.e.* Nimbin and Salannin in specifications of *neem* oil used as raw material for coating urea is in discussion for quite some time. In CFC meeting held on 26th September, 2017, Chairman mentioned that DAC&FW was interested in ensuring the quality of final product *i.e.* *neem* coated urea (NCU) and not the raw material *neem* oil required for coating. Institute of

Pesticides Formulation Technology (IPFT), Gurgaon was requested to suggest the method of analysis for *neem* coated urea. Accordingly, IPFT developed analytical method and proposed the following specifications for NCU:

Moisture	:	1% max.
Total nitrogen	:	46% min.
Biuret content	:	1.5% max.
<i>Neem</i> oil content in benzene extract	:	0.035% min.
Azadirachtin content in benzene extracted <i>neem</i> oil	:	30 ppm min.
Nimbin in benzene extracted <i>neem</i> oil	:	1500 ppm min.
Salannin in benzene extracted <i>neem</i> oil	:	1500 ppm min.
Particle size, between 1 and 2.8 mm IS sieve	:	80% min.

13.3.2 FAI expressed its strong reservation on the proposed specifications both in the meeting of Technical Committee on 8th January, 2018 and Central Fertilizer Committee on 18th January, 2018. DG, FAI mentioned that the method of analysis and proposed values for three parameters *viz.*, azadirachtin, nimbin and salannin have not been validated with respect to reproducibility of results by analyzing the same sample in a number of laboratories simultaneously. He added that not only the sample size was too small but there were large discrepancies in the content of proposed parameters in sample of *neem* coated urea also. He requested Chairperson, CFC not to finalize the values hurriedly as it may have far-reaching consequences on the urea industry and availability of NCU in the country.

13.3.3 After in-depth discussions on the subject, Chairperson agreed to undertake further analysis to finalize the values. Director, CFQCTI, Faridabad was asked to collect a few samples of NCU from urea plants and retail outlets, get those samples analyzed in five laboratories (including one private independent laboratory) simultaneously and submit the report of results of analysis within two months.

13.3.4 The matter was also discussed in the FAI Technical Advisory Committee held on 29th January, 2018 in which 2-3 member companies were requested to do analysis of *neem* oil from different sources of *neem* oil after heating it to 45-55 °C, of *neem* oil extracted from NCU, and effect of time on content of two components in NCU after storage. FAI sent a detailed representation to the Chairperson, CFC on 8th February, 2018 highlighting various issues like variations in content of nimbin and salannin, lack of availability of *neem* oil suppliers, non-availability of

reference samples and variations in composition of *neem* oil after coating. Two research papers were also sent showing wide variation in content of nimbin and salannin of *neem* oil from various regions and degradation of *neem* oil with time. Preliminary results which have been available showed that there was significant reduction in the contents of nimbin and salannin in the *neem* coated urea. It was requested that a research project may be sponsored either by the Ministry or Fertilizer Industry to one or two laboratories of CSIR or ICAR.

13.3.5 The issue of specification of *neem* coated urea was discussed in the meeting of CEOs of urea manufacturing units on 21st February, 2018. The members were briefed about the FAI efforts in tackling the issue. The copies of FAI representations sent to Additional Secretary (INM), DAC&FW and a letter to MD, GNFC were tabled in the meeting. The members appreciated the FAI efforts and promised to provide more data of analysis on *neem* coated urea as requested by FAI.

13.3.6 In the meantime, DAC&FW constituted another Technical Committee under the Chairmanship of Dr. C. Devakumar (Former ADG, ICAR) for providing revised specifications of NCU. The recommendations of Technical Committee were put up in the CFC meeting held on 13th March, 2018. Dr. C. Devakumar mentioned that there are eight major meliacins *viz.*, azadirachtin A, azadirachtin B, nimbin, 6-desacetylnimbin, salannin, 3-desacetylsalannin, azadiradione and epoxyazadiradione in *neem* oil. As the composition of these meliacins in *neem* oil is dependent on the regional variation and method of extraction, it is advised to sum up the values of these meliacins for arriving at their total content. Committee proposed a nominal value of 1% for the total meliacins content in the *neem* oil residue extracted from NCU. He informed that HPLC methods described under BIS standards may be used for determination of the key meliacins.

13.3.7 The Technical Committee proposed the following specifications for NCU:

(i)	Moisture, per cent by weight, maximum	1.0
(ii)	Total nitrogen, per cent by weight, (on dry basis), minimum	46.0
(iii)	Biuret per cent by weight, maximum	1.5
(iv)	<i>Neem</i> oil content soluble in binary mixture of n-hexane and acetone (4:1v/v), per cent by weight, minimum (Explanatory note 2)	0.035
(v)	Nominal value of total meliacin content in the oily residue [please see (iv) above], per cent by weight, minimum (Explanatory note 2)	1.00*
(vi)	Particle size – Minimum 80 per cent of the material shall be retained between 1 mm and 2.8 mm IS sieve	

* To give adequate time to the industry, for reaching desired levels of preparedness in its capacity, the recommended specifications for NCU may come into force not before six months from the date of submission of this report *i.e.* from 1st October, 2018.

13.3.8 DG, FAI mentioned that six months' time is not enough and a minimum of 1-year time is needed for its implementation which was accepted by the Committee. The other recommendations of the Committee which included undertaking scientific study to map the meliacin content and composition of bulk oils traded in India; and determine the influence of storage of *neem* coated urea under different temperatures and humidity levels on its meliacin composition were also accepted by CFC. On invitation from FAI, Dr. C. Devakumar attended the meeting of FAI Advisory Committee on Agricultural Sciences on 15th March, 2018 and explained the rationale of the recommendations.

13.3.9 Subsequently, Department of Agriculture and Cooperation vide S.O. 1323 (E) dated 22nd March, 2018 has amended the specification of *neem* coated urea. It shall come into force after one year from the date of its publication in the Official Gazette. As per the amendment, the specifications of *neem* coated urea are as given below:

(i)	Moisture per cent by weight, maximum	1.0
(ii)	Total nitrogen, per cent by weight (on dry basis), minimum	46.0
(iii)	Biuret per cent by weight, maximum	1.5
(iv)	Neem oil content soluble in binary mixture of n-hexane-acetone (4:1), per cent by weight, minimum	0.035
(v)	The total meliacin content in the oily residue, per cent by weight, minimum	1.0

Foot Note: the term *neem* oil means the oil conforming to BIS standards (IS 4765-1975-Rev.1)

Explanation - The total meliacin content means consisting of at least three of the major meliacins namely, Azadirachtin 'A' and 'B', nimbin, salannin, 6-desacetyl nimbin and 3-desacetyl salanin.

13.4 Simplification of Procedure of Inclusion of New Fertilizers in FCO

13.4.1 The process of inclusion of a new fertilizer product in FCO takes a long time due to procedure and lack of clarity with respect to agronomic evaluation. In this connection, DG, FAI sent a representation on 5th January, 2018 to Joint Secretary (INM), DAC&FW underlining the need to revisit and simplify the procedure to ensure timely availability of more efficient innovative fertilizer products to Indian farmers. The following steps

were submitted for the consideration of DAC&FW.

(i) *Notifying general specifications for broad categories of fertilizers:* After the notification of general specification of 100% water soluble mixture of fertilizers, it was expected that general specifications for other categories of fertilizer would be notified with the ultimate aim to switch over to the introduction of regime of 'Label Based Product Quality Control' for all fertilizers. The general specifications for customized fertilizers are already under the consideration of DAC&FW and same may be notified at the earliest. Gradually, we need to move to label-based fertilizers.

(ii) *Relaxing agronomic evaluation of new fertilizers to one season:* The fertilizer industry in India and abroad is highly mature and the new products are developed and evaluated in a highly professional and scientific manner. The agronomical evaluation is not required for the products which are variant of the existing fertilizers in the FCO. For an entirely new product, one season trials conducted at multi-locations taking 2-3 crops should be enough for evaluation.

(iii) *Simplifying the processing procedure:* The Technical Committee (TC), constituted only a few years back, has not helped and has rather increased the procedural delay. TC is not required as the members of the TC are also the members of CFC. The CFC itself is competent enough to discuss the technical aspect and take a final decision. It is desirable that the CFC is headed by Agriculture Commissioner, a technical and professional person and not the Additional Secretary (INM), as was the practice before August 2012. In any case, the decisions/recommendations of CFC have to go through the Additional Secretary (INM) before submission to Secretary (Agriculture) and Hon'ble Minister.

13.4.2 DG requested the Joint Secretary (INM) to take considerate view on the above suggestions for simplifying the procedure of inclusion of new fertilizers in FCO.

13.5 Amendment in Specification of Particle Size of Urea

13.5.1 In revised specifications of fertilizers, notified vide SO No. 349 (E) dated 6th February, 2017, inadvertent errors had come up in the notification. The particle size of urea and *neem* coated urea between 1mm and 2.8 mm was printed erroneously as minimum 90% instead of 80%. DG, FAI vide his letter dated 23rd March, 2017 appraised the Joint Secretary (INM), Ministry of Agriculture & Farmers Welfare in this regard. Central Fertilizer Committee in its meeting held on 9th June, 2017 recommended for amendment in specification of particle size of urea. The gazette notification has been issued in

this regard vide S.O. 3224 (E) dated 3rd October, 2017. The amendment is as follows:

“Particle size - Minimum 80% of the material shall be retained between 1 mm and 2.8 mm IS sieve.”

13.6 Amendment in General Specifications of 100% Water Soluble Mixture of Fertilizers

13.6.1 General specifications of 100% water soluble mixtures of fertilizers were notified vide SO No. 2900 (E) dated 24th October, 2015. However, some manufacturers of WSFs reported about their problem due to inadvertent error in S.No. (ii) of notification that stipulates “total primary nutrients (NPK) with secondary nutrients (S, Ca, Mg) and/or micronutrients”. The state governments started interpreting that in order to cover under the General Specifications Notification, it was mandatory to add the secondary nutrients. The matter was taken up with the DAC&FW. The problem has been resolved by adding word “**or without**” in the notification. The amendment has been issued vide SO 4120 (E) dated 30th December, 2017.

The Sl. No. (ii) of notification has been amended as

“(ii) Total primary nutrients (NPK) with **or without** secondary nutrients (S, Ca, Mg) and/or micronutrients (Zn, B, Mn, Fe, Cu, Mo) containing 3 primary nutrients (not less than 35 units), per cent by weight, minimum 40.

2 primary nutrients (not less than 25 units), per cent by weight, minimum 30.”

13.7 Printing of Farmer-friendly Message on Fertilizer Bags

13.7.1 The proposal of one of the member companies for printing farmer-friendly message on the back of fertilizer bags was discussed in the CFC meeting held on 9th June, 2017. FAI was requested to get the views of fertilizer industry. The matter was considered in the FAI Board meeting held on 18th August, 2017. The Board expressed the following:

- (i) The printing of message on the bags should be optional.
- (ii) The message to be printed on the bags should be farmer-friendly.

13.7.2 In this regard, DAC has issued an advisory on 8th February, 2018. Now fertilizer industry may print farmer-friendly message on the back of fertilizer bags keeping in view the following recommendations.

- (i) Printing of message should be optional.
- (ii) The message to be printed on bags should be

farmer-friendly.

- (iii) Fertilizer related measures like promotion of balanced use of fertilizer doses and use of city compost may be preferred.

14.0 INITIATIVES FOR SOIL HEALTH IMPROVEMENT

14.1 Involvement of Fertilizer Companies in Soil Health Card Scheme

14.1.1 Secretary, Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, in the meeting held on 5th September, 2017, desired that the progress of soil health card (SHC) scheme and involvement of fertilizer companies in improving farmers' awareness about soil testing and use of fertilizer as per soil test recommendations be monitored by FAI. The matter was discussed in the FAI Board Meeting on 25th September, 2017 and the Meeting of FAI Advisory Committee on Agricultural Sciences, held on 1st November, 2017. Ms. A. Neeraja, Joint Secretary (Integrated Nutrient Management), Department of Agriculture, Cooperation & Farmers Welfare also participated in the meeting of Advisory Committee on Agricultural Sciences. She requested the fertilizer companies to start an awareness campaign on soil testing to commemorate the World Soil Day on 5th December, 2017. In the meeting, it was decided to take up the following activities to celebrate the occasion in a befitting manner:

- (i) Preparation of poster on soil testing and its display at all the retail outlets in the country.
- (ii) Organizing soil test awareness camps/programmes/activities.
- (iii) Village adoption by the fertilizer companies.

14.1.2 Members companies were requested to send the brief report of activities undertaken by them.

14.2 Promotion of Micronutrients

14.2.1 To discuss the measures for promotion of use of micronutrients in fertilizers, a meeting was held on 30th June, 2017 under the chairmanship of Ms. Alka Tiwari, Joint Secretary, Department of Fertilizers, New Delhi.

14.2.2 DG, FAI attended the meeting and made a presentation on micronutrients. He pointed out that despite the policy of encouraging production of fertilizers fortified / coated with micronutrients, production has not picked up as manufacturers do not find it commercially viable. DG underlined the need of reviewing the policy of fortified/coated fertilizers. To

discuss this issue further, a meeting was held on 26th September, 2017 under the chairmanship of Secretary, Department of Fertilizers. DDG, FAI attended the meeting and gave his inputs.

14.3 Promotion of Potassium

14.3.1 The use of potassium has dropped after the implementation of NBS Scheme for P&K fertilizers in 2010. The drop in K consumption has distorted the NPK use ratio. Among primary nutrients, the problem of nutrient mining is more acute in case of potassium as the removal of K by crops is the highest and its replenishment through fertilizers and other sources is minimum. FAI is alive to the problem and continues to promote the use of potassium in Indian agriculture; (i) April, 2017 issue of Indian Journal of Fertilizers was devoted to Importance of Phosphorus and Potassium in Indian agriculture, (ii) International Conference on “Advances in Potassium Research for Efficient Soil and Crop Management” was co-organized during August 28-29, 2017 at New Delhi, and (iii) November, 2017 issue of Indian Journal of Fertilizers was again devoted to potassium having eight lead papers covering various aspects of potassium management.

14.4 National Conference on “Agriculture 2022 – New Initiatives”

14.4.1 Ministry of Agriculture & Farmers Welfare organized a National Conference on “Agriculture 2022 – New Initiative” during February 19-20, 2018 at NASC complex, New Delhi. A large number of participants comprising farmers, farmer’s associations, scientists, economists, trade and professional associations, policy makers and officers of the concerned ministries attended the Conference. The purpose of the Conference was to engage people with varying experience and background from across the country and solicit their inputs which could be incorporated in an appropriate agriculture policy framework for welfare of the farmers. Seven broad themes were identified for the conference.

14.4.2 The broad Theme “1: Agriculture policy and reforms for higher and sustained farmers’ income” was divided into three sub-groups. DG, FAI coordinated the Sub-group (1.2) on the “Farm Inputs and Services - Ease of Agribusiness” and Joint Secretary (M&T/ P.P.), DAC&FW, was the facilitator. DG, FAI convened a meeting of resource persons on 13th February, 2018 in which he requested the members to give innovative, out of box 2-3 ideas for each of the three agri-inputs (seed, fertilizer and agrochemicals). The sub-group finalized the power point presentation on the first day of Conference *i.e.* on 19th February, 2018. The group coordinators of broad themes made power point presentations before Hon’ble Prime

Minister on 20th February, 2018. Hon’ble Prime Minister heard the speakers patiently and spent three and a half hours in the Conference.

15.0 FAI ANNUAL SEMINAR 2017

15.1 FAI Annual Seminar 2017 was held at Hotel ‘Pullman’, Aerocity, New Delhi during 5-7 December, 2017. This international event was devoted to the theme ‘Fertilizers and Farm Income’. Seminar was attended by more than 1200 delegates including about 150 foreign delegates from 34 countries. The Seminar and exhibition were inaugurated by Mr. AnanthKumar, Hon’ble Minister for Chemicals & Fertilizers and Parliamentary Affairs, Government of India on 5th December, 2017. Mr. S.K. Pattanayak, Secretary, Department of Agriculture, Cooperation & Farmers Welfare; Ms. Bharathi Sivaswami Sihag, Secretary, Department of Fertilizers; Dr. T. Mohapatra, Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research were also present during the inaugural function. In all, 19 papers were presented in four technical sessions viz., (i) Economic Environment for Fertilizer and Farm Sectors, (ii) Enhancing Farm Income Through Balanced Fertilization, (iii) Efficient Fertilizer Production, and (iv) Marketing of Fertilizers and Farm Produce.

15.2 The session-I was chaired by Ms. Bharathi S. Sihag, Secretary, Department of Fertilizers, Ministry of Chemicals and Fertilizers, Government of India. Mr. Anuj Jain, Assistant Vice President (Finance), Chambal Fertilizers and Chemicals Ltd., New Delhi acted as Rapporteur. Five papers were presented during the session namely (i) World Supply-Demand of Fertilizers and Fertilizer Raw Materials by Ms. Charlotte Hebebrand, Director General, International Fertilizer Association (IFA) Paris, France; (ii) International Price Trends of Fertilizers and Fertilizer Raw Materials by Ms. Christine Gregory, Head of Current Information – Nitrogen and Potash, Fertecon Agribusiness Intelligence Informa UK Ltd., London, UK; (iii) Economics of Farm Operation by Dr. Ashok Gulati, Infosys Chair Professor for Agriculture, Indian Council for Research on International Economic Relations, New Delhi; (iv) Impact of Fertilizer Policies on Farmers and Industry by Dr. S. Nand, Deputy Director General, The Fertiliser Association of India, New Delhi and (v) The Indian Fertilizer Sector: An Investor’s Perspective by Mr. Terje Knutsen, EVP-Crop Nutrition, Yara International ASA., Norway.

15.3 Deliberations in Session – I *inter-alia* highlighted the need for using the instrument of subsidy to promote balanced fertilization. Regarding urea, the payment of increased fixed cost, then shifting to NBS and finally decontrol of the sector was recommended. Regarding

phosphatic & potassic fertilizers, the need for removing unfavorable tax regime for imported raw materials by removing/reducing customs duty, and reduction of GST rate for major raw materials like phosphoric acid, ammonia, naphtha, etc., were recommended. Simplification of payment procedures and stabilization of DBT system were part of major recommendations.

15.4 Other technical sessions of the Seminar included deliberations and the issues related to efficient fertilizer production by adopting various technological measures, enhancing farm income through balanced fertilization, marketing of fertilizers and farm produce and experience in implementation of DBT in fertilizer sector.

15.5 The Seminar was concluded on 7th December, 2017 with a valedictory address by Professor Ramesh Chand, Hon'ble Member, NITI Aayog, Government of India. Rao Inderjit Singh, Minister of State for Fertilizers and Chemicals, Government of India was the Chief Guest of the session. Prof. Ramesh Chand *inter-alia* suggested that the balanced and judicious use of fertilizers has a lot of potential for increasing farmers' income which should be encouraged appropriately. Hon'ble Minister of State recognized the importance of fertilizers in Indian agriculture and categorically added that we cannot do without fertilizers. Acknowledging the importance of domestic fertilizer industry for India, which is the 2nd largest importer of fertilizers in the world, the Hon'ble Minister stated that indigenous capacity of fertilizers has to be utilized to the maximum extent. We cannot continue to depend on imports. He further said that 5 new proposed fertilizer plants would take 3 to 4 years to commence production. At the same time, we cannot afford the existing fertilizer industry to go sick. Emphasizing the need for balanced use of plant nutrients, he added that government is spending large amount of subsidy on fertilizers and the same should be used judiciously for balanced fertilization in the interest of better economic returns to the farmers.

16.0 INTERNATIONAL RELATIONS

16.1 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 a number of reputed international organisations. Some of the these

organisations include Food and Agriculture Organization (FAO), Rome; The International Fertilizer Association (IFA), Paris; International Plant Nutrition Institute (IPNI), Norcross, USA; The Sulphur Institute (TSI), Washington DC; The International Potash Institute (IPI), Switzerland; International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India; International Fertilizer Development Centre (IFDC), Muscle Shoals, USA; International Rice Research Institute (IRRI), Los Banos, Philippines; International Maize and Wheat Improvement Center (CIMMYT), Mexico, New Delhi; India International Zinc Association (IZA), Belgium and many others with a view to promote better understanding of the global developments and their impact on the Indian fertilizer and agriculture sector.

16.2 DG, FAI is on the Board of International Plant Nutrition Institute (IPNI), Norcross, USA and Certified Crop Advisor Programme – India conducted by the American Society of Agronomy.

16.3 International Conference on Potassium

16.3.1 The International Plant Nutrition Institute (IPNI), the Fertilizer Association of India (FAI), Trust for Advancement of Agricultural Sciences (TAAS), International Maize and Wheat Improvement Centre (CIMMYT), and Indian Council of Agricultural Research (ICAR) jointly organized an International Conference on "Advances in Potassium Research for Efficient Soil and Crop management" at NASC Complex, New Delhi during August 28-29, 2017. Conference was attended by 165 delegates comprising of researchers, extension specialists and fertilizer industry staff from India, Nepal, Sri Lanka, Malaysia, Australia, Germany, UK, USA, and Jordan. The conference was devoted to develop better understanding of frontier research needs on potassium nutrient management and connect it to good agronomic practices for sustainable food security, soil health and climate smart agriculture in India.

16.3.2 Dr. Trilochan Mohapatra, Secretary, DARE and Director General, ICAR inaugurated the conference. Mr. Satish Chander, Director General, FAI, and Dr. R.S. Paroda, the former Director General (ICAR) and Chairman, TAAS addressed the delegates at the inaugural session. In all, 23 presentations were made by eminent national and international resource persons spread over eight technical sessions. There was a panel discussion on "Potash Fertilizer Policy and Evidence-based Agronomy: Key for Sustainable Potassium Management" which was chaired by Mr. Satish Chander, DG, FAI. Dr. Ashok Dalwai, CEO, National Rainfed Area Authority, MoA&FW, chaired the plenary session.

16.4 Argus – FAI Conference

16.4.1 Argus Media in Association with Fertilizer Association of India (FAI) organized a conference on NPK, Water Soluble and Micronutrient Fertilizers India 2018 during 8-9 March, 2018 in New Delhi. Conference was attended by more than 75 participants from India and abroad. Mr. Satish Chander, DG, FAI delivered the keynote speech in the opening session. Dr. S. Nand, Deputy Director General, FAI made presentations on quality of fertilizers and implementation of direct benefit transfer for fertilizer subsidy in India. Mr. Gavin Chong, Vice President, Asia, Argus welcomed the guests and mentioned that the Conference on the water soluble/specialty fertilizers was third in series due to its growth potential in Asia. India is one of the largest agricultural economies and hence policies in India have impact on market of NPK fertilizers. In all, there were 12 presentations on demand, supply and quality of NPK and water soluble fertilizers in Asian countries, water management, balanced nutrient management including micronutrients, etc., spread over four sessions.

17.0 AWARDS IN FERTILIZER AND AGRICULTURE

17.1 FAI continues to encourage excellence in various functional areas viz., production, environment, safety, balanced and integrated nutrient management. The achievements of the individuals and organizations are recognized by way of Awards. FAI Awards are considered prestigious in fertilizer industry and scientific community in India. As decided in the Board meeting held on 12th May, 2017, a review of the FAI awards was done in consultation with Chairman, FAI. The scope of some awards was expanded and the cash amount of research awards was increased to keep pace with ICAR awards.

17.2 Two new Awards 'US Awasthi-IFFCO Awards' were instituted during the year for excellent work carried in the field of agriculture and fertilizer industry. The value of each Award is INR 2.5 million plus a Gold Medal and Citation. A large number of nominations were received. A screening committee under the Chairmanship of Mr. T. Nanda Kumar, Former Secretary, DAC shortlisted five nominations for agriculture and three nominations for fertilizer industry. A jury chaired by Dr. R.A. Mashelkar, FRS, Former Director General-CSIR and consisting of eminent persons from agriculture and industry as members selected Dr. R.S. Paroda, Former Secretary, DARE and Director General, ICAR in the field of agriculture development and agriculture research and Mr. Pratap Narayan, Former Director General, FAI in the field of fertilizer industry. The awards were presented

by the Chief Guest during the inaugural session of the FAI Annual Seminar on 5th December, 2017.

18.0 FAI WEBSITE (www.faidelhi.org)

18.1 FAI website, www.faidelhi.org was launched during 2000-01. The site has been providing wealth of information to its members. In addition to statistical data and maps, other information *inter-alia* includes subjects like environmental issues, energy consumption, government notifications, fertilizer policy developments (highlights), reports, calendar of events and abstract service. Daily news bulletins are also posted on the web site. FAI website provides on-line registration facility to the delegates of FAI Annual Seminar held during November/December every year. The website was completely redesigned in 2015 with many additional features including virtual library, FAI Competition Compliance Policy, Social media sites, Blogs, Press releases, etc.

18.2 In addition to the classified information available on FAI website, news items relating to the developments in the fertilizer and agriculture sectors and other key information are sent to the web members regularly on the working days. The site received good response from its members and other users.

18.3 The number of subscribers of the FAI web site as on 31st March, 2018 was as under:

Active :	11
Associate :	42
Total	53

19.0 DEVELOPMENT OF MOBILE App

19.1 During 2017-18, a new initiative was undertaken in FAI to provide Mobile App facility to the delegates of FAI Annual Seminar 2017. Based on the inputs provided by FAI, the App was developed by IFFCO Kisan Sanchar Limited, New Delhi. The App contained details of programme; speakers; list of delegates; exhibitors; sponsors; meetings/events, places of interest in Delhi; appointment facilities; and many other useful features.

20.0 PUBLIC RELATIONS

20.1 FAI continued to interact with Media and provided relevant inputs/information on various developments in fertilizer sector. Interactions were aimed to facilitate accurate reporting of developments and also to reflect industry views. DG, FAI himself regularly interacted with senior journalists and gave briefing on industry's stand on major issues related to the sector. During the year, 4

direct live telecast, 4 direct audio telecast along with 5 recorded interviews of DG were carried out by almost all business TV channels in English and Hindi.

20.2 Several press releases were given on issues of concern to the fertilizer industry. These got duly covered by leading business and economic dailies during the year. Prominent newspapers/magazines and news agencies published report of the industry based on the 'Annual Review of Fertilizer Production and Consumption' brought out by FAI in October, 2017.

20.3 Coinciding with FAI Seminar 2017, a press conference was organized in FAI on 1st December, 2017. The press meet, in which all major media groups were present, was addressed by Chairman, Co-Chairman and DG, FAI. The meeting was a curtain raiser for the seminar. The relevance of the seminar theme 'Fertilizers and Farm Income' was explained to the media. It was emphasized that improving agricultural productivity will enhance farmers' income significantly and to do that we need to have improve farm products with higher use efficiency and better scientific and management practices for use by the farmers. The fertilizer industry is uniquely placed to contribute in this endeavour but has to be both respectable and profitable. Various issues of the fertilizer sector such as more than 50 per cent urea units incurring net losses inspite of producing efficiently as per the international bench marks, continuation of regulation on P & K fertilizers by indirectly regulating the prices, saddling with large amount of unpaid subsidy and freight bills for the past several years, higher rate of GST on inputs like ammonia and phosphoric acid compared to finished fertilizer products, operational issues in DBT scheme, etc., were emphasized. The Seminar was covered by national and regional dailies, business and economic news papers, All India Radio, Delhi Doordarshan, etc.

20.4 An informative article titled 'Doubling Farmers' Income' authored by Mr. K.S. Raju, Chairman, FAI was published in Delhi edition of The Economic Times, Delhi and Mumbai edition of Hindustan Times and all editions of HT Mint on 5th December, 2017.

20.5 During 2017-18, five special issues of Indian Journal of Fertilisers were brought out, viz, two on Agriculture and one each on Technology, Marketing and Annual Seminar. January 2018 issue gave highlights of FAI Annual Seminar. Three special issues of Khad Patrika (Hindi) each on *Kharif*, *Rabi* & *Zaid* were also published. The highlights of FAI Annual Seminar were also brought out in February 2018 issue of Khad Patrika. Fertiliser Marketing News published articles related to marketing and logistics. The January 2018 issue covered FAI Annual Seminar.

20.6 The Government of India responded positively to the appeal of the fertilizer industry to reduce the GST on fertilizers from 12% to 5% so that the farmers' prices do not go up. Reduction in rate of GST had reduced prices of fertilizers for farmers in most states. It also removed the inter-state distortion in prices of fertilizers and ensured uniform price across the states. In consultation with Chairman, FAI and senior members, it was decided to express our gratitude to the Government of India for the pro-farmers' step by giving an advertisement in the newspapers. The advertisement was published in The Times of India and Navbharat Times (Hindi), Delhi-NCR on 10th July, 2017. Government was also requested through this advertisement to encourage production of domestic fertilizers under the flagship programme of **Make in India** by effecting same GST rates for inputs and output, expeditious refund of accumulated input tax credit and revision of fixed cost for urea units.

21.0 FAI PUBLICATIONS

21.1 Annual Review of Fertiliser Production and Consumption 2016-17

21.1.1 *Annual Review of Fertiliser Production and Consumption 2016-17* presented a detailed review of fertilizer policies in the preceding year, production performance, state-wise analysis of fertilizer consumption, agricultural development programmes taken up by central government, state governments and fertilizer industry in 2016-17 and outlook of fertilizer availability and expected consumption for 2017-18.

21.2 Fertiliser Statistics – 2016-17 – 62nd edition

21.2.1 *Fertiliser Statistics* is a valuable repository of fertilizer, agriculture and allied statistics. The publication *Fertiliser Statistics 2016-17* is divided into 3 parts. First part contains details of capacity, production, import, despatches, consumption, prices, taxes on fertilizers and raw materials in India. 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 policy in India.

21.3 Specialty Fertiliser and Micronutrient Statistics – 2016-17 – 6th edition

21.3.1 The deficiency of primary as well as secondary and micronutrients in the soil are limiting the desired growth in Indian 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, water soluble fertilizers, customized fertilizers, fertilizers fortified with micro-nutrients, etc. *Specialty Fertiliser and Micro nutrient Statistics – 2016-17 (6th edition)* covers the details of capacity, production, import, sale, and other related information about these products.

21.4 Biofertiliser Statistics – 2016-17 – 9th edition

21.4.1 Biofertilizers 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 – 2016-17 (9th edition)* covers comprehensive data on capacity, production, despatches, specifications of biofertilizers and other related information.

21.5 Fertiliser (Control) Order

21.5.1 FCO is a dynamic Order and revised editions are published by FAI to incorporate various amendments made by the Government from time to time. The 17th Edition was published in January, 2018.

22.0 MEMBERS

22.1 The position of members as at the end of the year compared to the previous year stands as under:

Member	2018	2017
Active	42	43
Associate	199	202
Overseas Associate	27	29
Technical & Professional Associate	705	718
Total	973	992

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

22.2 Membership Subscription

22.2.1 In the 385th meeting held on 18th August, 2017 the Board of Directors approved the rates of subscription for Active Members for the year 2017-18 which are the same rates applicable since 2013-14. The rates are as under:

Ceiling – Based on the Nutrient sold

Category*	Rupees in Lakhs
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 domestic production plus imports of nutrients sold except imported urea. te = tonnes

22.2.2 The members in the 61st Annual General Meeting held on the 2nd September, 2016 approved the rates of annual subscription for the following categories of Associate Members for the year 2017-18 are as under:

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

23.0 BOARD OF DIRECTORS

23.1 The following four Directors, who retired by rotation under clause 74 of the Articles of Association on the date of the last Annual General Meeting held on the 25th September, 2017, were re-appointed as Directors:

1. Mr. Rakesh Kapur
2. Mr. Anil Kapoor
3. Mr. S.R. Ramakrishnan

23.2 The following Casual/ Additional Directors were also appointed at the Annual General Meeting held on 25th September, 2017 against the existing vacancies:

- i) Mr. A.B. Khare, representative of M/s Madras Fertilizers Limited., was appointed to represent the

interest of nitrogenous and complex fertilizer manufacturers.

ii) Mr. A.K. Jain, representative of M/s Kanpur Fertilizers & Cement Limited, was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

iii) Mr. Suresh Warior, representative of M/s Rashtriya Chemicals & Fertilizers Limited, was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

iv) Mr. Sameer Goel, representative of M/s Coromandel International Limited, was appointed as a Director to represent the interest of Southern Region.

v) Mr. K.S. Raju, representative of M/s Nagarjuna Fertilizers and Chemicals Limited, was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

23.3 The following Directors were also appointed at the Annual General Meeting held on 25th September, 2017 against the existing vacancies:

(i) Mr. S.C. Mehta, representative of M/s Smartchem Technologies Limited, (A fully owned subsidiary of DFPCL), was appointed to represent the interest of Western Region.

(ii) Mr. Videh Kumar Jaipurian, representative of M/s Jubilant Agri and Consumer Products Limited, was appointed to represent the interest of super phosphate manufacturers.

(iii) Mr. Sunil Sethy, representative of M/s Paradeep Phosphates Limited, was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

23.4 The following were co-opted as Directors under clause 67 (Additional Directors) of the Articles of Association by the Board during the year:

(i) Mr. Ved Prakash, w.e.f. 25th September, 2017.

(ii) Mr. Rajiv Chopra, w.e.f. 25th September, 2017.

(iii) Dr. Rajiv Kumar Gupta, w.e.f. 25th September, 2017.

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

A) Vacations

(i) Mr. S.C. Mehta, w.e.f. 1st April, 2017 (Re-elected as Director on 25th September, 2017)

(ii) Mr. Videh Kumar Jaipurian, w.e.f. 1st April, 2017 (Re-elected as Director on 25th September, 2017)

(iii) Mr. Ved Prakash, w.e.f. 01st April, 2017 (Re-appointed as additional Director on 25th September, 2017)

B) Resignations

a) Emeritus Directors

(i) Dr. U.S. Awasthi, w.e.f. 12th May, 2017

(ii) Mr. H.S. Bawa, w.e.f. 10th December, 2017

b) Other Directors

(i) Mr. Rahul Raju, w.e.f. 18th August, 2017

(ii) Mr. Kapil Mehan, w.e.f. 18th August, 2017

(iii) Mr. Naveen Kapoor, w.e.f. 25th September, 2017

(iv) Dr. S.S.Ranade, w.e.f. 25th September, 2017

(v) Mr. Suresh Warior, w.e.f. 5th December, 2017

(vi) Mr. Videh Kumar Jaipurian, w.e.f. 11th December, 2017

23.6 To fill up the vacancies, the following Directors were appointed:

a) Emeritus Director

(i) Mr. Ajay S. Shriram, w.e.f. 12th May, 2017

(ii) Mr. A Vellayan, w.e.f. 2nd April, 2018

b) Other Directors

(i) Mr. K.S. Raju, w.e.f. 18th August, 2017

(ii) Mr. Akshay Poddar, w.e.f. 18th August, 2017

(iii) Mr. Suresh Warior, w.e.f. 18th August, 2017

(iv) Mr. Umesh V. Dhatriak, w.e.f. 5th December, 2017

(vii) Mr. C. Narasimha Reddy, w.e.f. 2nd April, 2018

(viii) Mr. Prithviraj Dhariwal, w.e.f. 2nd April, 2018

(ix) Mr. Sundeep Kumar Nayak, w.e.f. 2nd April, 2018

(x) Mr. Narasimha Rao, w.e.f. 2nd April, 2018

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

24.0 FINANCE

24.1 The excess of income over expenditure is Rs.2,01,57,324/- for the year ended the 31st March, 2018.



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25.0 AMENDMENT OF ARTICLE OF ASSOCIATION OF FAI

25.1 The Fertiliser Association of India was incorporated on 27th May, 1955 under section 26 of the Indian Companies Act 1913. The Articles of Association were adopted in the year 1956 and were amended from time to time. The new Companies Act has come in to force w.e.f. 1st April 2013. The Directors of FAI decided that it is desirable that the Articles of Association of the company be revised so that they not only fully reflect new Companies Act and rules and regulations made thereunder but must also be in conformity with the modern secretarial practices. Since these alterations, deletions, insertions, etc., to the present articles of association were numerous, it was considered more convenient to adopt an altogether new set of Articles of Association incorporating all the provisions of the new Act.

25.2 Accordingly, the Articles of Association of FAI were amended in accordance with the provisions of Companies Act 2013. The Board of FAI in their meeting held on 24th March 2017 approved the amended Articles of Association to substitute the existing Articles of Association subject of approval of members in the Annual General Meeting and previous approval of the Central Government, Registrar of Companies. The members of FAI also approved the new set of Articles of Association of FAI in 62nd AGM held on 25th September,

2017. Necessary returns were filed with the Ministry of Corporate Affairs. The process of registration is complete now.

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 2017-18.

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.

27.0 PREVENTION OF SEXUAL HARASSMENT OF WOMEN AT WORKPLACE

27.1 The Association has complied with provisions relating to the constitution of Internal Complaints Committee under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 [14 of 2013].



APPENDIX-I

MEMORANDA/REPRESENTATIONS SUBMITTED TO GOVERNMENT

1.0 FERTILIZER PRICING AND SUBSIDY POLICY, PAYMENT AND GOVERNANCE ISSUES

1.1 Urea Policy

1.1.1 A letter dated 20th April, 2017 was sent by DG, FAI enclosing a copy of Study on Status and Prospects for Urea Sector in India to Mr. Amitabh Kant, Chief Executive Officer, NITI Aayog, Prof. Ramesh Chand, Member, NITI Aayog, Finance Secretary & Secretary (Expenditure), Ministry of Finance, Secretary, Department of Agriculture, Cooperation & Farmers Welfare, Secretary (Fert.) and Joint Secretary, Prime Minister's Office. This was to apprise the concerned policy makers regarding independent view of ICRA on status of Indian urea industry.

1.1.2 A letter was addressed to Mr. Bibek Debroy, Chairman, PM's Economic Advisory Council & Member NITI Aayog enclosing a note on problems faced by Indian fertilizer industry, as desired by his office in response to FAI letter dated 12th January, 2018.

1.1.3 FAI sent a representation to the Secretary (Fert.) on 9th November, 2017 requesting to extend the existing norms under New Urea Policy 2015 for further period of five years for all urea units rather on selective basis.

1.2 Meetings and Correspondence on Issues of Industry at Various Levels in the Government

1.2.1 Follow up of FAI Annual Seminar 2017

A gist of deliberations of Seminar was sent to the following government authorities:

- (i) Mr. AnanthKumar, Hon'ble Minister of Chemicals & Fertilizers,
- (ii) Rao Inderjit Singh, Hon'ble Minister of State for Chemicals & Fertilizers,
- (iii) Prof. Ramesh Chand, Member, NITI Aayog,
- (iv) Ms. Bharati S. Sihag, Secretary, Department of Fertilizers,
- (v) Dr. Ashok Dalwai, Chief Executive Officer, National Rainfed Area Authority, Department of Agriculture, Cooperation & Farmers Welfare,

(vi) Dr. Hasmukh Adhia, Secretary Finance, Ministry of Finance,

(vii) Mr. Ajay Narayan Jha, Secretary, Department of Expenditure, Ministry of Finance,

(viii) Dr. Trilochan Mohapatra, Secretary (DARE) & Director General, ICAR

(ix) Mr. S.K. Pattanayak, Secretary, Department of Agriculture, Cooperation and Farmers Welfare and

(x) Mr. Anurag Jain, Joint Secretary, PMO

1.2.2 Further, a letter dated 9th February, 2018 was addressed to the Hon'ble Minister of Chemicals & Fertilizers drawing his kind attention to the important announcements made by him during his inaugural speech on 5th December, 2017. It was stated that the issues remained unresolved and time for meeting with the Hon'ble Minister was also sought.

1.3 Efforts to Highlight and Address Major Issues Faced by Fertilizer Industry

1.3.1 FAI prepared a brief note highlighting major issues faced by Indian fertilizer industry to draw the attention of various government authorities. This *inter-alia* included issues of urea industry, P&K industry, DBT, payment related issues and taxation issues. A copy of this note and a copy of the presentation on urea titled 'Indian Urea Industry in Crisis' were submitted to concerned government authorities including the Hon'ble Finance Minister; Chairman, Economic Advisory Council to PM, PMO; NITI Aayog and Secretary (DARE) & DG, ICAR. In this context, Chairman and DG, FAI also met Vice Chairman, NITI Aayog, Secretary, Department of Agriculture, Cooperation & Farmers Welfare and Secretary (DARE) & Director General, ICAR on 8th February, 2018; Secretary, Department of Expenditure, Ministry of Finance on 16th February, 2018 and Joint Secretary, PMO on 23rd February, 2018.

1.3.2 DG, FAI wrote a letter dated 13th April, 2017 addressed to Secretary (Fert.) regarding payment related issues of fertilizer industry. This *inter-alia* covered iFMS related issues, balance claims, differential freight claim, module for supplementary claims and policy issues related to freight payments.

1.3.3 DG, FAI wrote a letter dated 27th April, 2017 addressed to Secretary (Fert.) requesting for her intervention in addressing the pending subsidy bills generation due to non-operation of iFMS Module.

1.3.4 FAI sent a representation to the Secretary (DARE) & Director General (ICAR) on 9th February, 2018 on the issues faced by the fertilizer industry. The representation was also sent to Vice Chairman, NITI Aayog.

1.4 Issues Related to Policy for P&K Sector

1.4.1 FAI vide its letter dated 8th May, 2017 to Joint Secretary, Department of Fertilizers requested for on account payment for SSP industry at par with other P&K fertilizers and making outstanding payment on priority and payment of notional freight.

1.4.2 In response to Department of Fertilizers letter dated 10th April, 2017 and 2nd May, 2017, DG, FAI vide letter dated 9th May, 2017 clarified the FAI's stand in the matter of quality issues related to SSP. It was reinforced that FAI had zero tolerance for sub-standard product.

1.4.3 FAI requested the Hon'ble Minister of Chemicals & Fertilizers on 16th May, 2017 to provide policy support for making fertilizers in India. It was requested that the government may bring out the guidelines for procurement/import of DAP and NPKs where some price reference may be given to Indian companies. Similar letters were also sent to Hon'ble Minister of State for Chemicals & Fertilizers, Secretary (Fert.), and concerned Joint Secretary, Prime Minister's Office.

1.4.4 DG, FAI vide letter dated 1st June, 2017 informed the Joint Secretary, Department of Fertilizers about the decision of FAI Board regarding purchase of the POS machines by the stand-alone SSP manufacturers on the basis of nutrient sales on all India basis. The details of company-wise purchase of POS machines of stand-alone SSP manufacturers were sent to Department of Fertilizers.

1.4.5 DG, FAI wrote a letter to Joint Secretary, Department of Fertilizers on 24th November, 2017 requesting therein to dispense with requirement of furnishing half yearly cost data and consider overall margin earned by the fertilizer companies for all NP/NPK complex fertilizers sold for the purpose of ascertaining reasonability of prices.

1.5 DBT in Fertilizer Sector

1.5.1 FAI has been continuously taking up the issues of implementation of DBT in fertilizer sector with Department of Fertilizers at various fora. DG, FAI sent a

detailed representation to Secretary (Fert.) on 27th April, 2017 enumerating various operational problems.

1.5.2 Department of Fertilizers constituted a review committee as on 1st June, 2017 to discuss various issues pertaining to DBT in fertilizer sector. The first meeting of the committee was held on 6th September, 2017 under the Chairmanship of Secretary (Fert.) and subsequently minutes of the meeting was circulated by the department. DG, FAI wrote a letter to the Secretary (Fert.) on 30th October, 2017 underlined that early redressal of the issues as given in the minutes of the meeting will help in implementation of the scheme. Many operational issues were also raised in the letter.

1.5.3 DG, FAI wrote a letter to Additional Secretary, Department of Fertilizers on 15th November, 2017 and requested to look into the matter of two invoices for sale of fertilizer, one from POS machine and the other to comply with GST requirement.

1.5.4 DG, FAI was invited by the Standing Committee on Chemicals and Fertilizers of the Parliament to make a presentation on 22nd February, 2018. He also raised the issues in implementation of DBT in fertilizer sector before the Committee.

1.6 Other Policy related Issues

1.6.1 DG, FAI wrote a letter to the Secretary (Fert.) on 10th January, 2018 requesting her intervention to resolve the issues faced by the fertilizer industry in generation of balance subsidy claims, escalation for urea concession, rates from 2016-17 onwards and a number of other payment issues.

1.6.2 DG, FAI wrote a letter to the Secretary (Fert.) on 23rd January, 2018 and requested to reopen the iFMS module to acknowledge the un-acknowledged invoices of fertilizers by the wholesaler/retailers. Department of Fertilizers vide email dated 31st January, 2018 informed that wholesaler and retailer acknowledgement for the period of April 2017 to December 2017 will be unlocked from 1st to 5th February, 2018.

1.7 Issues of Subsidy Claims and Customized/ Mixture Fertilizers

1.7.1 DG, FAI wrote letters to the Secretary (Fert.) on 8th November, 2017 and 8th March, 2018 for her intervention to facilitate sale of subsidized fertilizers to customized/mixture manufacturers through DBT system.

1.8 Minor Variation in Quality Parameters

1.8.1 DG, FAI wrote a letter to the Secretary, Department of Agriculture Cooperation and Farmers Welfare and

Secretary (Fert.) on 24th January, 2018 and requested to impose a reasonable penalty and release subsidy for products with minor deviations in quality parameters. Hon'ble Union Minister of Agriculture and Farmers Welfare was also requested by DG, FAI vide letter dated 24th January, 2018 for his intervention in the matter.

1.9 Non-availability of Adequate Rakes

1.9.1 DG, FAI addressed a letter to the Secretary (Fert.) on 9th October, 2017 and requested her intervention to ensure availability of rakes on priority basis for movement of fertilizers to meet the requirement of sowing of *rabi* crops. Further, vide letter dated 16th October, 2017, Hon'ble Minister of Chemicals and Fertilizers and Hon'ble Minister of Railways were also requested for their intervention in the matter.

1.10 Coastal Movement of Fertilizers

1.10.1 DG, FAI wrote a letter to the Hon'ble Minister for Road Transport & Highways, Shipping and Water Resources, River Development & Ganga Rejuvenation on 12th January, 2018 and requested him to extend rebate of 80% on port tariff for movement of fertilizers. It was also requested to waive off the notional labour charges and provide facility for storage upto 15 days without any charges in the port godowns and exempt GST on ship fuel. Similar letters were also written to Principal Secretary to Prime Minister and Secretary, Ministry of Shipping on 12th January, 2018.

1.10.2 In response to the letter of Ministry of Shipping, DG, FAI wrote a letter to Under Secretary, Ministry of Shipping on 22nd February, 2018 giving details of the cost incurred in coastal shipping including charges at the ports and transportation cost. Further a letter dated 14th March, 2018 was sent to Secretary, Ministry of Shipping, giving comparative cost data for movement of fertilizers under existing system of rail road movement and by coastal shipping. It was emphasized that there was a need to bring down the cost to facilitate movement of fertilizers through coastal shipping.

1.11 Use of Electronic Toll Collection Technology for Payments

1.11.1 In response to a letter from the Department of Fertilizers dated 27th February, 2017 to examine the applicability/implementability of the electronic toll collection technology with reference to vehicles containing fertilizers, DG, FAI wrote a letter to Director (Admin.), Department of Fertilizers on 6th April, 2017 supporting the proposed move of electronic toll collection.

2.0 ISSUES RELATED TO SUPPLY OF NATURAL GAS

2.1 FAI sent a letter to the Secretary (Fert.) on 21st April, 2017 along with a presentation on priority in allocation of domestic natural gas to the fertilizer sector.

2.2 FAI sent a letter to CMD, GAIL on 6th September, 2017 with a copy to Additional Secretary, DOF requesting that GAIL should provide separate invoices for VAT on natural gas supply and GST on gas transportation instead of a single invoice, so that fertilizer companies can claim Input-Tax credit under GST law.

2.3 FAI sent an email to Secretary, PNGRB on 26th October, 2017 providing comments on public consultation paper no. Infr/NGPL/125/Integration/01/17 dated 28th September, 2017 integrated authorization on unified/pooled tariff. FAI highlighted that pooling of gas will lead to uneconomic transportation of gas and should not be implemented as transportation of natural gas is still under monopolistic system.

2.4 FAI in its letter to the Secretary (Fert.) on 8th November, 2017 highlighted the impact of Unified/Pooled Tariff for transportation of Gas from GAIL Pipelines in industrial sector. It was also requested to take up the matter suitably with the Ministry of Petroleum and Natural Gas.

2.5 FAI vide letter dated 22nd January, 2018 represented to Hon'ble Minister of Chemicals & Fertilizers to allocate natural gas to GSFC, RCF & DFPCL from the gas pool for production of NP/NPK fertilizers.

3.0 BUDGET & SUBSIDY PAYMENT

3.1 Fertilizer industry's Pre-Budget Memorandum for Union Budget 2018-19 was sent on 4th December, 2017 to Finance Secretary and Secretary, Department of Expenditure, Ministry of Finance regarding budget allocation for fertilizer industry and to Joint Secretary (TRU-I), Department of Revenue, Tax Research Unit, Ministry of Finance on suggestions from fertilizer industry on Indirect Taxes.

3.2 Copies of the above letters were also sent to the Secretary (Fert.) for making suitable recommendations to the Finance Ministry on the issues raised by FAI in formulating the Union Budget 2018-19.

4.0 TAXES AND DUTIES

4.1 *Customs duty*: DG, FAI wrote a letter to Hon'ble Minister of Finance on 23rd February, 2018 regarding impact of Social Welfare Surcharge on DAP/NPK fertilizers. Similar letter was sent to Secretary (Finance), Ministry of Finance.

4.2 GST: DG, FAI wrote a letter dated 11th April, 2017 addressed to Secretary to the GST Council, Department of Revenue requesting *inter-alia* for the following:

- (i) Clarification regarding refund rules for fertilizer industry.
- (ii) Specific provision for deterioration of value of supply of fertilizers excluding subsidy
- (iii) Clarification regarding levy of IGST on high seas sales of fertilizers
- (iv) Seeking exemption from IGST, if leviable, on high seas sales of urea, and
- (v) Clarification regarding value of imported urea on which IGST would apply, if leviable, in case of high seas sales of urea imported on government account.

4.2.1 Similar letters were also sent to (i) Chairperson, Central Board of Excise and Customs, (ii) Additional Secretary, Department of Revenue and (iii) Joint Secretary, Department of Revenue. A copy of the letter to Secretary, GST Council was sent to Secretary (Fert.). This was followed up with a letter dated 5th June, 2017 addressed to Additional Secretary, Department of Revenue.

4.3 DG, FAI wrote a letter dated 3rd May, 2017 addressed to Secretary (Fert.) in reference to FAI presentation and discussion on GST during a meeting in her office on 28th April, 2017 enclosing a note on major issues of fertilizer sector regarding GST for taking up by DOF with Department of Revenue at high level.

4.4 DG, FAI wrote a letter dated 31st May, 2017 addressed to Hon'ble Minister of Finance & Chairman, GST Council requesting that Phosphoric Acid and Ammonia for use in fertilizer manufacturing may be taxed at 5% in the GST regime as against GST Council's proposal for 18%. The GST rate of 5% on other inputs like Rock Phosphate and Sulphur has already been declared. Copy of the letter to Hon'ble Finance Minister was also sent under separate covering letter to Secretary (Fert.) and Joint Secretary, PMO. Similar letters were also sent to Secretary (Revenue) & Ex-Officio Secretary to the GST Council and Joint Secretary, Department of Revenue.

4.5 This was followed up with a meeting with the Joint Secretary, Department of Revenue and a letter dated 1st June, 2017. Relevant information regarding import and use of phosphoric acid and ammonia was also provided as required by the Joint Secretary

4.6 DG, FAI wrote a letter dated 5th June, 2017 addressed to Minister of Finance and Chairman, GST Council, Government of India regarding impact of higher rate of GST on naphtha, fuel oil and branded & packed organic manure. The letter requested for reduction in rate of GST on naphtha & fuel oil from 18% to 5%, exemption from GST to all organic manures and correction in classification

of micronutrients replacing 1(f) with 1(g) of Schedule-I part-I of FCO. Similar letters were also sent to Secretary to the GST Council, Department of Revenue and Joint Secretary, Department of Revenue.

4.7 DG, FAI wrote a letter dated 6th June, 2017 to the Hon'ble Minister of State for Finance regarding adverse impact of higher rate of GST on raw materials than on fertilizers and also requesting for provision of timely refund of unutilized input tax credit. DG, FAI addressed another letter dated 7th June, 2017 to the Hon'ble Minister of State for Finance for reduction in rate of GST on phosphoric acid and ammonia for production of DAP/NP/NPKs from 18% to 5%.

4.8 This was followed up with two separate letters dated 7th June, 2017 addressed to Hon'ble Minister of State for Finance on (i) reduction in rate of GST on phosphoric acid and Ammonia for production of DAP/NP/NPKs and (ii) provision for refund of unutilised accumulated input tax credit (ITC). Similar letters were sent to Secretary, GST Council, Department of Revenue and Joint Secretary, Department of Revenue.

4.9 A letter dated 13th June, 2017 was written by DG, FAI addressed to Hon'ble Minister of State for Finance requesting that the refund rules should provide for 90% refund within 10 days of submission of bills automatically on the pattern as provided for exporters. This would help the industry to maintain the liquidity of its operations. Similar letter was addressed to Secretary, GST Council with a copy to Joint Secretary (Revenue). Copy of this letter was also marked to Secretary (Fert.).

4.10 DG, FAI wrote a letter dated 15th June, 2017 addressed to Hon'ble Minister for Consumer Affairs, Food & Public Distribution requesting for issuing necessary directions/Office Order/Office Memorandum regarding levy of GST on unsold stocks of fertilizers. Similar letters were also written to (i) Secretary, Department of Consumer Affairs, Ministry of Consumer Affairs (ii) Secretary (Fert.) and (iii) Secretary to the GST Council.

4.11 DG, FAI wrote a letter dated 21st June, 2017 addressed to Joint Secretary, Department of Fertilizers requesting for issue of necessary orders by Department of Consumer Affairs for revision of MRP of unsold fertilizer stocks because of levy of GST w.e.f. 1st July, 2017.

4.12 In absence of any response from DOF with respect to FAI letter dated 21st June, 2017, DG, FAI again wrote a letter dated 23rd June, 2017 addressed to Joint Secretary, Department of Fertilizers communicating industry position and understanding regarding levy of GST, as the industry had to go ahead with printing of bag, etc.

4.13 DG, FAI wrote a letter dated 21st July, 2017 addressed to Joint Secretary, Department of Fertilizers regarding issue of Form 'C' for CST on Interstate Movement of Natural Gas.

4.14 DG, FAI wrote a letter dated 30th June, 2017 addressed to Secretary (Fert.) regarding adverse impact of higher rate of GST on inputs than 5% GST on fertilizers on production of NP/NPK fertilizers.

4.15 DG, FAI wrote a letter dated 1st August, 2017 addressed to Joint Secretary, Department of Fertilizers on GST regarding Impact of Imposition of State VAT on natural gas instead of CST.

4.16 DG, FAI wrote a letter dated 8th August, 2017 addressed to Joint Secretary, Department of Fertilizers regarding GST on fertilizers, fertilizer inputs and refund rules for input tax credit (ITC).

4.17 DG, FAI wrote a letter dated 18th August, 2017 addressed to Secretary to the GST Council, Ministry of Finance requesting therein for reduction in GST rate on Phosphoric Acid and Ammonia from 18% to 5%, clarification regarding refund of tax credit accumulation due to government subsidy on fertilizers and time bound refund of accumulated tax credit as has been done for exports (90% refund within 7 days).

4.18 DG, FAI wrote a letter dated 6th September, 2017 addressed to Secretary to the GST Council, Ministry of Finance with a copy to Joint Secretary (TRU-I) Department of Finance regarding reduction in rate of GST on fertilizer grade phosphoric acid. Copy of this letter was also sent to Secretary (Fert.) for taking up the issue with Secretary, GST Council.

4.19 DG, FAI wrote a letter dated 5th October, 2017 addressed to Chairman, Central Board of Excise & Customs, Ministry of Finance regarding Refund of Accumulation of GST due to inverted GST rate structure. A copy of this letter was also sent to Ms. Ameeta Suri, Member, Central Board of Excise & Customs, Ministry of Finance.

4.20 DG, FAI wrote a letter dated 13th November, 2017 addressed to Hon'ble Minister of Chemicals & Fertilizers regarding reduction in rate of GST on sulphur recovered as by-product in refining of crude oil (Chapter heading 2503 00 10). Similar letter was also sent to Secretary to the GST Council, Department of Finance and Secretary, Department of Fertilizers.

4.21 DG, FAI wrote a letter dated 13th November, 2017 addressed to Secretary to the GST Council, Department

of Revenue requesting therein reduction in rate of GST on fertilizer grade phosphoric acid from 18% to 5%. Similar letter was sent to Secretary (Fert.) requesting for taking up the matter with Finance Ministry.

4.22 DG, FAI wrote a letter dated 28th February, 2018 addressed to Hon'ble Finance Minister regarding reduction in rate of GST on fertilizer grade phosphoric acid from 12% to 5%. Similar letter was also addressed to Secretary to the GST Council, Department of Revenue, Ministry of Finance.

4.23 DG, FAI wrote a letter dated 3rd April, 2018 addressed to the Secretary to the GST Council, Ministry of Finance requesting for his kind intervention to specifically clarify that fertilizers used in the manufacture of other fertilizers are leviable to GST at the rate of 5%. A copy of this letter was addressed to Joint Secretary, Department of Revenue. Similar letter was also sent to Secretary (Fert.) for taking up the issue with the Ministry of Finance for its urgent redressal.

4.24 An appeal was made to the members of the Standing Committee of the Parliament on Chemicals and Fertilizers, and Cabinet Committee on Economic Affairs by DG, FAI on 19th and 20th March, 2018 regarding urea policy for (i) payment of revised fixed cost, (ii) deferment of the second revision in Energy Consumption Norms under NUP 2015 by five years and (iii) any change in policy should be equitable to all urea units. Principal Secretary & Joint Secretary, PMO, Vice Chairman, NITI Aayog, Secretaries of Ministry of Agriculture & Farmers Welfare and Department of Fertilizers, etc.

5.0 ISSUES RELATED TO SAFETY AND ENVIRONMENT

5.1 FAI vide a letter dated 9th May, 2017 to the Member Secretary, CPCB provided the update on status of trials of online monitoring of emissions. It was requested that industry may be exempted for monitoring of those parameters from online monitoring wherever reliable technologies are not available.

5.2 In response to a query from CPCB, FAI in its reply on 12th June, 2017 provided the updated information of trials of particulate matter (PM) in urea plants and F emissions from SSP plants alongwith relevant documents. It was informed that trials conducted by various plants for PM in natural draft prill tower were not successful.

5.3 The CPCB vide its email dated 19th June, 2017 provided a list of fertilizer plants to cross verify the status of online monitoring system with details of technology supplier for each parameter and its linking

to CPCB server. FAI after receiving feedback from members segregated the list into nitrogenous, complex and SSP subsectors and provided the updated list to CPCB on 1st August, 2017.

5.4 FAI wrote two letters to Member Secretary, CPCB on 22nd January, 2018 and 31st January, 2018 updating on status of implementation plan for compliance of emission limit for coal based captive power plants (CPP) in fertilizer industry. It was informed that three plants were meeting the standards while one plant required some more time. Another two plants would phase out coal based CPP and install gas turbine generators.

5.5 FAI sent a representation to Additional Secretary, MoEFCC on 7th February, 2018 requesting to issue a suitable clarification that in case of integrated sewage treatment plant (STP) & effluent treatment plant (ETP) operating at RCF, Trombay, norms of ETP should be applicable.

5.6 FAI vide letter dated 29th March, 2018 to the Member Secretary, CPCB sent its comments on Draft Compliance Reporting Protocols on Online Continuous Emission & Effluent Monitoring System (OCEMS). In its letter, FAI highlighted the practical problems raised by plants on compliance protocol.

6.0 ISSUES RELATED TO PUBLIC UTILITY SERVICE

6.1 On request of DOF, FAI prepared a note on Public Utility Services which was sent on 11th May, 2017. The note contained the relevant provisions of Industrial Dispute Act, 1947, present system of declaration of industry as PUS and justification for declaring fertilizer sector as PUS.

6.2 A letter from DOF on 9th January, 2018 on the subject sought further comments of FAI after legal advice. FAI after deliberating the matter in its Board Meeting on 2nd April, 2018 suggested vide letter dated 9th April, 2018 to maintain same procedure as it was before amendment of Industrial Dispute Act, 1947 dated 18th October, 2010.

7.0 ISSUES RELATED TO ENERGY CONSERVATION AND TECHNOLOGY

7.1 FAI in its letters dated 29th March, 2017 & 20th April, 2017 provided estimation of power requirement by fertilizer industry in 2021 & 2027.

7.2 FAI sent a letter to Director, BEE on 9th January, 2018 requesting to issue a suitable clarification on sampling and analysis of coal under PAT Rules for fertilizer sector.

7.3 FAI vide email dated 19th January, 2018 sent its suggestions for tax incentives for energy saving schemes in fertilizer sector.

7.4 Department of Fertilizers requested to provide inputs/ comments on draft document on Indian National Strategy for Standards. FAI vide its letter dated 26th March, 2018 sent its comments to Secretary (Fert.) suggesting that standardization should also include normalization in case of minor deviations in quality of fertilizer products and development of quick and easy methods for their analysis.

7.5 FAI in its representation to DG, BEE on 27th March, 2018 provided its comments on Draft Energy Conservation Guidelines for Industries. It was highlighted with examples that standard components prescribed in the guidelines are already in practice in fertilizer industry and hence these should not be made mandatory. In response to FAI representation, BEE in its reply dated 24th April, 2018 informed that the Guidelines would be voluntary in nature.

8.0 ISSUES RELATED TO COAL

8.1 FAI responded to letter from DOF on increasing the use of biomass briquettes instead of coal vide letter dated 18th April, 2017. It was explained that biomass briquettes cannot be utilized due to technical reasons in high pressure boilers. Secondly, its availability in large quantity will be a constraint.

8.2 FAI sent two representations to the Secretary, (Fert.) on 25th September, 2017 and 14th December, 2017 to take up the issue of inadequate supply of coal to fertilizer plants suitably with the Ministry of Coal and Ministry of Railways.

8.4 FAI had written a letter to the Chairman, Railway Board, Ministry of Railways on 20th December, 2017 requesting to ensure availability of rakes to transport coal to fertilizer plants.

8.5 FAI represented to the Secretary, Ministry of Coal on 20th December, 2017 requesting that the adequate of coal supply to fertilizer plants was necessary to maintain urea production. Any shortfall has to be met with imported coal thereby increasing the subsidy of Government of India.

8.6 FAI on 1st March, 2018 again sent a representation to the Secretary (Fert.) for improving the movement of coal rakes against allotment programme to SFC-Kota. Similar letters were sent to Chairman, Railway Board, Ministry of Railways and Secretary, Ministry of Coal.

9.0 ISSUES RELATED TO FCO

9.1 The Customs Department started asking all WSF importers to clear Calcium Nitrate, Mono Potassium Phosphate (MKP) and Mono Ammonium Phosphate (MAP) under Chapter 28 instead of Chapter 31, which means higher import duty. FAI wrote a letter to Chairperson, Central Board of Excise and Customs on 6th April, 2017 regarding classification of water soluble fertilizers and exemptions granted thereon. Similar letter was addressed to Dr. Hasmukh Adhia, Secretary, Department of Revenue, Ministry of Finance and Mr. S.K. Pattanayak, Secretary, DAC&FW.

9.2 FAI sent a letter to Joint Secretary (INM), DAC&FW on 14th August, 2017 requesting to issue a small amendment in general specifications of WSFs to make it clear the intent of the government regarding the optional provision of secondary/micronutrients in particular grades of WSFs. It needs to be clarified that the requirement of intimation, advertisement in newspapers etc. are applicable for new grades of WSFs and nor for the earlier notified WSFs.

9.3 FAI wrote a letter to Additional Secretary (INM) and Chairperson, CFC on 25th August, 2017 on the proposal of printing farmer-friendly messages on back of fertilizer bag. It was expressed that the printing of message on the bags should be optional and message should be farmer-friendly.

9.4 FAI sent a number of representations to Additional Secretary (INM), DAC&FW, Ministry of Agriculture & Farmers Welfare regarding the amendment in specifications of *neem* coated urea during 2017-18. DAC&FW was requested not to rush through setting up specification and study all aspects of subject.

9.5 FAI wrote a letter to the Secretary, DAC&FW, Ministry of Agriculture & Farmers Welfare requesting him to recommend to the Ministry of Mines to come out with necessary amendment in the Mineral Concession Rules to include glauconite mineral in the Schedule of minor minerals. It will help in exploring the use of glauconite as a source of potassium and reduce import of MOP to some extent.

9.6 FAI wrote a letter to the Chairperson, Central Board of Excise & Customs, Department of Revenue on 17th November, 2017 regarding the specification of urea for

industrial use (Technical Grade urea). It pointed out that Technical Grade urea should only ensure that it contains 46% N and other physical parameters like particle size, moisture etc. are totally irrelevant as it is used as raw material or finds direct application to technical users. Secretary (Fert.) and Secretary, DAC&FW were also requested to take up the matter with Secretary, Department of Revenue.

9.7 FAI wrote a letter to the Joint Secretary, Department of Fertilizers on 20th December, 2017 for taking up the matter of release of cargoes of Technical Grade Urea (TG urea) held up by customs. It insisted that the release of these consignments was in the interest of country and would prevent the diversion of heavily subsidised agricultural grade urea for industrial uses.

9.8 FAI wrote a letter to Joint Secretary (INM), DAC&FW, Ministry of Agriculture & Farmers Welfare on 5th January, 2018 underlining the need to revisit and simplify the procedure of inclusion of new fertilizers in FCO to ensure timely availability of more efficient innovative fertilizer products to farmers.

10.0 REGIONAL ISSUES

10.1 FAI-SR submitted a representation 11th May, 2017 to the Director of Agriculture, Government of Tamil Nadu, regarding delay in Certification of B₁ and B₂ proforma which is creating liquidity crisis to the member companies supplying fertilizers to the state.

10.2 FAI-SR submitted a memorandum to the Director of Agriculture, Government of Telangana 28th June, 2017 regarding delay in certification of subsidy claims submitted by the member companies.

10.3 FAI-SR, submitted a memorandum to the Director of Agriculture, Government of Andhra Pradesh on 12th July, 2017 for expediting the certification of subsidy claims.

10.4 FAI-WR wrote a letter to the Director of Agriculture, Government of Chhattisgarh on 14th June, 2017 requesting therein for early certification of B₁ and B₂ proforma related to quantity and quality.

10.5 FAI-ER continued to pursue with the Department of Agriculture, Government of Assam, Odisha, Bihar and Jharkhand regarding certification of B₁ & B₂ proforma to clear the back log of subsidy claims.



SEMINAR HIGHLIGHTS



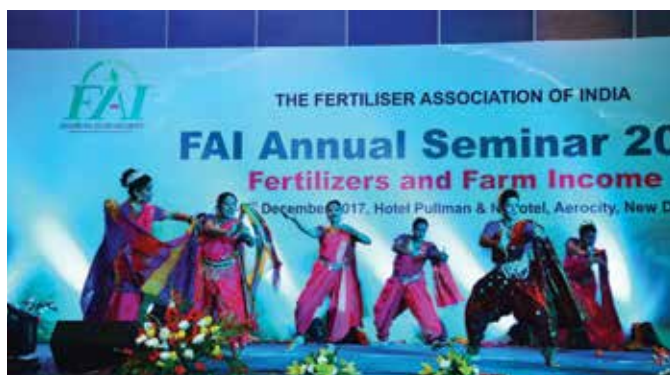
SEMINAR HIGHLIGHTS



SEMINAR HIGHLIGHTS



SEMINAR HIGHLIGHTS



HON'BLE MINISTER OF CHEMICALS AND FERTILIZERS TAKING ROUND OF THE EXHIBITION'S STALLS



PRESS CONFERENCE



APPENDIX-II

FAI REPRESENTATION ON NATIONAL AND INTERNATIONAL BODIES

1. International Fertilizer Association (IFA), Paris France
 - a) IFA Council
 - b) Production and International Trade Committee
 - c) Technical & SHE Committee
 - d) Agriculture Committee
 - e) Working Group on Special Products
2. National Coal Consumer Council, Coal India Limited., Kolkata
3. Core Group for Model GTA, Petroleum and Natural Gas Regulatory Board, New Delhi
4. Bureau of Indian Standards, New Delhi
 - a) Environment Protection and Waste Management Sectional Committee (CHD 32)
 - b) Solid Waste Management Sectional Committee (CHD 33)
 - c) Environment Management Sectional Committee (CHD 34)
 - d) Occupational Health and Safety Sectional Committee (CHD 08)
 - e) Water Quality for Industrial Purposes Sectional Committee (CHD 13)
 - f) Energy Management Sectional Committee (MED 39)
 - g) Textile Materials made from Polyolefins (Excluding Cordage) Sectional Committee (TXD 23)
 - h) Soil Quality and Fertilizers Sectional Committee, FAD 7
 - i) Biotechnology for Food and Agriculture Sectional Committee, FAD 23
5. Bureau of Energy Efficiency, New Delhi
 - a) Sectoral Committee & Sub-Committee on Fertilizer for Implementation of PAT in Fertilizer Sector.
 - b) Sectoral Learning Group (SLG) under Knowledge Exchange Platform
6. Core Committee to look into Qualification Packs, etc., for Training Programme constituted by Department of Fertilizers under The Central Institute for Plastic Engineering and Technology (CIPET)
7. Central Pollution Control Board (CPCB) / Ministry of Environment and Forests – Taskforce, Committees and Technical Working Groups
8. Project Screening/Evaluation/Monitoring Committee of Technology Development Board (TDB), New Delhi
9. National Steering Committee, Industrial Product Process Sector, TIFAC-TNA Project, Department of Science & Technology, New Delhi
10. Various Expert Groups & Committees of Ministry of Chemicals & Fertilizers, New Delhi
11. Central Fertilizer Committee and its Technical Committees, Ministry of Agriculture & Farmers Welfare, New Delhi
12. Board of Certified Crop Advisor Programme-India conducted by American Society of Agronomy
13. Board of International Plant Nutrition Institute (IPNI), Norcross, USA
14. Rural Programmes Advisory Committee, All India Radio, New Delhi
15. Society for Promotion of Wasteland Development, New Delhi
16. Steering Committee of Indo-Canadian Potash Promotion Project, New Delhi
17. Scientific Advisory Committee – TERI Deakin Nano Biotechnology Centre (TDNBC), Gurugram, Haryana
18. FAO/ Fertilizer Organisations Working Group
19. Technical Review Committee for all-India Index of Industrial Production ((IIP)
20. Railway Users' Consultative Committee of Northern, Western and Southern Railways
21. State Committee for Use of Chemicals and Mineral Wealth in Andhra Pradesh
22. State Fertilizer Advisory Committee and State Coordination Committee of various States



APPENDIX-III

FAI PARTICIPATION IN CONFERENCES, SEMINARS, WORKSHOPS AND MEETINGS

1. DG, FAI participated in 85th IFA Annual Conference held during 22-24 May, 2017 at Marrakech, Morocco.
2. DG, FAI participated in the 8th GPCA (The Gulf Petrochemicals and Chemicals Association) fertilizer convention held at Bahrain during 26-28 September, 2017. He made a presentation on 'India Fertilizer Market' in the convention.
3. DG, FAI participated in the IFA Crossroads Asia-Pacific 2017 held during 24-26 October, 2017 at Shanghai, China.
4. DG, FAI delivered the key note address in Argus Media-FAI Conference on NPK, Water Soluble and Micronutrient Fertilizers India 2018 organized in New Delhi during 8-9 March, 2018.
5. DG, FAI participated and chaired the Panel Discussion "Potash Fertilizer Policy and Evidence Based Agronomy : Key for Sustainable Potassium Management" in International Conference on "Advances in Potassium Research for Efficient Soil and Crop Management" at NASC Complex, New Delhi during August 28-29, 2017.
6. DG, FAI made a presentation before Director General of Audit on 31st October, 2017 regarding issues related to urea industry.
7. DG, FAI participated and made a presentation on 'Promotion of Micronutrients - Issues and Strategies' in the meeting taken by Joint Secretary, DOF to discuss the measures for promotion of use of micronutrients in fertilizers, held on 30th June, 2017.
8. DG, FAI participated in the National Conference on Agriculture 2022-New Initiatives held during 19-20 February, 2018 in New Delhi.
9. DDG, FAI presented a paper on "Safety Performance of Indian Fertilizer Plants from 2010 to 2015" in AIChE 62nd Annual Safety in Ammonia Plants and Related Facilities Symposium at Brooklyn, New York during 10-14 September, 2017.
10. DDG, FAI presented a paper on "Impact of Fertilizer Policies on Farmers and Industry" in FAI Annual Seminar 2017 at New Delhi during 5-7 December, 2017.
11. DDG, FAI participated in panel discussion in Conference on "Argus NPK, Water Soluble and Micronutrient Fertilizers India 2018" in New Delhi during 8-9 March, 2018.
12. Adviser, FAI participated in the programme on "2017 CNCIC Global Specialty Fertilizer Convention" at Beijing held during 29-31 May, 2017. He delivered a lecture on 'Recent Developments in Agriculture and Fertiliser Sectors in India' in the programme.
13. Director (Marketing) attended a National Seminar on 15th September, 2017 organized jointly by the Ministry of Agriculture and Farmers Welfare, National Committee on Plastic Applications in Horticulture, GSFC and Gujarat Green Revolution Company Limited at Vadodara.
14. Additional Director (Agricultural Sciences) participated in TV programme on *Neem Ki Upyogita*, telecast under 'Hello Kisan' on 12th April, 2017 and TV programme on *Neem Lepit Urea*, telecast live under 'Hello Kisan' on 26th February, 2018.
15. Additional Director (Agricultural Sciences) participated and made a presentation 'Silicon in Indian Agriculture: Policy and Promotional Issues' in 7th International Conference on Silicon in Agriculture held in Bangalore during October 24-28, 2017.
16. Additional Director (Agricultural Sciences) attended a joint workshop of the India-UK Virtual Nitrogen Centres on Challenges & Opportunities for Agricultural Nitrogen Science in India held during October 3-5, 2017 at New Delhi.
17. Additional Director (Agricultural Sciences) made a presentation 'Fertigation to Enhance Water Use Efficiency and New Innovation in Liquid Fertilizer' on 20th July, 2017 in ICAR sponsored summer school on 'Modeling and Advances in Micro Irrigation for Improving Water Use

Efficiency' held during July 5-25, 2017 at SKUAST-K, Shalimar, J&K.

18. Additional Director (Agricultural Sciences) made a presentation 'How Nutrient Expert Could Support Fertilizer Industry in Promoting Balanced Fertilisation' at the special session on "Out-scaling Site-Specific Nutrient Management using Nutrient Expert Fertilizer Decision Support Tool" during 82nd Annual Convention of ISSS, December 11-14, 2017, Kolkata, West Bengal.

19. Chief (Technical), FAI attended National Technology Day Function 2017 at Vigyan Bhawan organized by Ministry of Science & Technology on 11th May, 2017.

20. Chief (Technical), FAI attended CII-MoEF workshop on "National Greenhouse Gas Emission Inventory for IPPU sector" on 6th June, 2017.

21. Chief (Technical), FAI presented a paper on "Report on Developments in Indian Fertilizer Industry" in 2017 China-ASEAN Agricultural Production Industry Summit Forum', Nanning, Guangxi, China during 26th - 29th September, 2017.

22. Adviser, Additional Director (Agricultural Sciences), Chief (Technical) and Senior Agronomist, FAI attended the Conference on "Argus NPK, Water Soluble and Micronutrient Fertilizers India 2018" in New Delhi during 8-9 March, 2018.

23. RE-ER participated as faculty/resource person at the aforementioned programme jointly organised by UBKB and IPNI to deliver a talk on the topic "Selecting Right Source of Nutrients under varied soils and crops towards Nutrient Stewardship" on 27th March, 2018.

24. RE-SR participated and delivered a Session on "Fertilizer Policy, Marketing, Distribution and Related Aspects" in a Refresher Course on "Fertilizer Quality Control for Fertilizer Inspectors" organized by the Regional Fertilizer Control Laboratory, Ministry of Agriculture, Government of India at Chennai on 25th July, 2017, 19th September, 2017 and 21st November, 2017.

25. FAI-WR officers acted as faculty in various training Programmes organized by the industry, Regional Quality Control Laboratory, Navi Mumbai as well as various management institutes.

26. Officer (NR) participated in "Liquid Organic Fertilizers and Compost Promotional Programme" organized by KRIBHCO, Mathura on 24th January, 2018 at Mathura, U.P.

MEETINGS

1. Chairman and DG, FAI had a meeting with Dr. Rajiv Kumar, Vice Chairman, NITI Aayog on 8th February, 2018, bringing out the issues related to policy and payment affecting the viability of industry.

2. Chairman and DG, FAI met Dr. Trilochan Mohapatra, Secretary, Department of Agriculture Research and DG, ICAR on 8th February, 2018, explaining the issues threatening the viability of the industry. They also met Mr. S.K. Pattanayak, Secretary, Department of Agriculture, Cooperation & Farmers Welfare on this issue on the same day.

3. Chairman and DG, FAI met Mr. Ajay Narayan Jha, Secretary, Department of Expenditure, Ministry of Finance on 16th February, 2018 and discussed various issues of the urea and P&K industry, DBT and payment & taxation related issues.

4. Chairman and DG, FAI met Mr. Anurag Jain, Joint Secretary, PMO on 23rd February, 2018 explaining the issues related to fertilizer policy and payment procedures.

5. DG, FAI had a meeting with Rao Inderjit Singh, Minister of State for Chemicals and Fertilizers on 28th December, 2017 regarding problems of industry.

6. DG, FAI had a meeting with Prof. Ramesh Chand, Member, NITI Aayog on 11th January, 2018 regarding issues faced by the fertilizer industry.

7. DG, FAI appeared before the Standing Committee on Chemicals & Fertilizers at their sitting held on 22nd February, 2018 and made a presentation on the present issues and challenges faced by the industry.

8. DG, FAI attended numerous meetings with the Department of Fertilizers, chaired by Secretary (Fertilizers) and other senior officers on the subject related to DBT, Urea policy, NBS policy on P&K fertilizers, subsidy and freight payments, issues on SSP and iFMS.

9. DG, FAI attended various meetings in the Ministry of Agriculture & Farmers Welfare including Central Fertilizer Committee for Fertilizer Control Order and provided valuable inputs in CFC meetings held on 9th June 2017, 26th September, 2017; 18th January, 2018; and 13th March, 2018.

10. DG, FAI attended a meeting chaired by Secretary

(Fertilizers) on 6th April, 2017 regarding digital payment transactions in fertilizer sector.

11. DG, FAI participated in a meeting chaired by Joint Secretary, Department of Fertilizers on 7th April, 2017 regarding various operational issues of DBT in pilot districts.

12. DG, FAI participated in a meeting chaired by Union Minister of Chemicals and Fertilizers on 10th April, 2017 regarding implementation of NBS scheme for P&K fertilizers

13. DG, FAI participated in a meeting chaired by Joint Secretary, Department of Fertilizers on 29th May, 2017 regarding the proposal of Department of Commerce with regard to tariff lines on fertilizer imports under Regional Comprehensive Economic Partnership (RCEP) negotiations.

14. DG, FAI met Mr. Alok Shukla, Joint Secretary (Revenue) on 1st June, 2017 and Mr. B.N. Sharma, Additional Secretary (Revenue) on 5th June, 2017 regarding implication of GST on fertilizer sector.

15. DG, FAI participated in the meeting on 7th June, 2017 chaired by Secretary (Fertilizers) regarding discussion on preparedness on implementation of GST.

16. DG, FAI met Mr. Santosh Kumar Gangwar, the then Minister of State for Finance on 13th June, 2017 regarding GST issues.

17. DG, FAI met Mr. Radha Mohan Singh the then Minister for Consumer Affairs, Food & Public Distribution on 15th June, 2017 regarding clarity on clearance of fertilizer stock as on 30th June, 2017 in GST regime. He also met Secretary, Department of Consumer Affairs on 21st June 2017 on the same issue.

18. DG, FAI attended a meeting on GST and Agriculture, held on 11th July, 2017 at ICAR – National Institute of Agricultural Economics and Policy Research, Pusa, New Delhi under the Chairmanship of Secretary, DARE & DG, ICAR.

19. DG, FAI participated in the meeting taken by Joint Secretary (INM), Ministry of Agriculture and Farmers Welfare on 21st July, 2017 regarding customized fertilizers.

20. DG, FAI had a meeting with Secretary (Revenue) on 18th August, 2017 regarding adverse impact of GST on production of NP/NPK fertilizers.

21. DG, FAI participated in the meeting taken by Secretary, DAC&FW to review the progress of Soil Health Card (SHC) scheme and involvement of fertilizer companies in improving farmers' awareness about soil testing and use of fertilizer as per soil test recommendations held on 5th September, 2017.

22. DG, FAI participated in the meeting of the Review Committee on DBT taken by Secretary (Fertilizers) on 6th September, 2017.

23. DG, FAI participated in the meeting taken by Joint Secretary, Department of Fertilizers on 25th September, 2017 to finalise a template for collection of cost data from P&K fertilizer companies.

24. DG, FAI had a meeting with Dr. Rajiv Kumar, Vice Chairman, NITI Aayog on 3rd October, 2017 to discuss various avenues of agriculture development in the country.

25. DG, FAI had meeting with Mr. Manoj Kumar Srivastava, Executive Director (Traffic), Ministry of Railways on 13th October, 2017 for ensuring rakes for movement of fertilizers from plants/ports.

26. DG, FAI met Secretary (Fertilizers) on 7th November, 2017 and enumerated the problems of the sector for expeditious redressal.

27. DG, FAI participated in a meeting chaired by Secretary (Fertilizers) on urea policy on 13th December, 2017.

28. DG, FAI participated in the meeting chaired by Secretary (Fertilizers) regarding problems of SSP industry on 22nd December, 2017.

29. DG, FAI had a meeting with Mr. Arvind Subramanian, Chief Economic Advisor regarding implementation of DBT in fertilizer sector on 29th December, 2017.

30. DG, FAI participated in a meeting taken by Secretary (Fertilizers) on 5th January, 2018 to discuss issues relating to fixation of NBS rates for financial year 2018-19.

31. DG, FAI participated in meeting chaired by Secretary (Fertilizers) on 22nd January, 2018 to discuss the guidelines of marketing arrangements for SSP.

32. DG, FAI had a meeting with Secretary (Fertilizers) on 30th January, 2018 regarding balance payments of subsidy.

33. DG, FAI had a meeting with Joint Secretary (Ports)

and Adviser (Coastal Shipping), Ministry of Shipping regarding port charges and labour charges on 28th February, 2018 in connection with making coastal shipping viable for fertilizers.

34. DG, FAI met the Secretary (Shipping) on 13th March and 14th March, 2018 and discussed various issues to encourage coastal movement of fertilizers by bringing down the cost.

35. DG, FAI and DDG, FAI attended the meeting with DG of Audit to discuss urea related issues at AGCR building on 31st October, 2017.

36. DDG, FAI attended the meeting with Joint Secretary (DOF) to discuss the issues of fertilizer sector on GST on 23rd May, 2017.

37. DDG and Additional Director (AGS), FAI attended the Technical Committee meeting of Central Fertiliser Committee held on 5th June, 2017.

38. DDG, FAI chaired the 8th meeting of the Sectoral Expert Committee (Fertilizer Sector) on PAT cycle-III of Bureau of Energy Efficiency, Ministry of Power on 25th July, 2017.

39. DDG, FAI alongwith two industry representatives met Director (Revenue), Ministry of Finance regarding GST rates on raw materials on 28th July, 2017.

40. DDG, FAI attended the meeting on State Specific Action Plan (SSAP) on Water at National Water Mission on 10th August, 2017.

41. DDG, FAI attended the meeting taken by Secretary (Fertilizers) on promotion of use of micronutrients in fertilisers held on 26th September, 2017.

42. DDG, FAI and Additional Director, FAI attended the meeting to discuss the issue relating to determination of Neem oil content in Neem Coated urea under Chairmanship of ADG (S&W), ICAR on 24th October, 2017.

43. DDG, FAI attended the Second meeting of Executive Committee of Indian Council for Fertilizer and Nutrient Research (ICFNR), DOF on 1st November, 2017.

44. DDG and Adviser, FAI met Director, Ministry of Commerce and Industry on 2nd November 2017 regarding stakeholders' consultation on value addition in "Rules of Origin" (ROO).

45. DDG, FAI attended the fourth Meeting of National Steering Committee of TIFAC, Department of Science & Technology at Pune on 12th December, 2017.

46. DDG, FAI and Chief (Technical), FAI attended the round table discussion on Draft Energy Conservation Guidelines for Indian Industries organized by Bureau of Energy Efficiency on 26th February, 2018.

47. DDG, FAI attended the meeting to discuss issues related to recycling of NPK and Mg from Wastewater and sea water at DoF on 26th March, 2018.

48. Director (Marketing) attended a meeting to review the progress of marketing of city compost on 18th April, 2017 under the Chairmanship of Secretary (Fert.).

49. Director (Marketing) attended a meeting to discuss the guidelines for direct sale of city compost by the manufacturers on 1st May, 2017 under the Chairmanship of Joint Secretary (Fert.).

50. Director (Marketing) attended a meeting on National Digital Payment Mission held on 5th May, 2017 under the Chairmanship of Secretary, Ministry of Electronics and Information Technology.

51. Director (Marketing), Chief (Marketing) and Regional Executives (WR & SR) participated in the *rabi* 2017-18 Zonal Conferences for South and West zones on 21st August, 2017 at NASC complex, New Delhi.

52. Director (Marketing), Chief (Marketing), Regional Executives-ER and Junior Officer-NR participated in the *rabi* 2017-18 Zonal Conferences for East, North and North East zones on 23rd August, 2017 at NASC complex, New Delhi.

53. Director (Marketing) attended a meeting on *Swacch* Bharat Mission held on 24th August, 2017 in the Department of Fertilizers.

54. Director (Marketing) attended a meeting on the issues related to SSP industry held on 22nd December, 2017 under the Chairmanship of Secretary (Fert.).

55. Adviser, Additional Director (AGS), Chief (Marketing), Regional Executives (SR, WR & ER) and Officer-NR participated in the *kharif* 2018 Zonal Conferences held on 12th February, 2018 at NASC complex, New Delhi.

56. Additional Director (Agricultural Sciences) attended and gave technical inputs in the meetings of Technical Committee of CFC held on 5th June, 2017, 24th October, 2017; 7th November, 2017; and 8th January, 2018.

57. Additional Director (Agricultural Sciences) attended

a meeting of Sub-Group III of the Working Group on Demand and Supply Projections in Agriculture held on 20th March, 2017, NITI Aayog under the Chairmanship of Agriculture Commissioner, Government of India.

58. Additional Director (Agricultural Sciences) attended a meeting of Working Group on Crop Husbandry, Agricultural Inputs, Demand and Supply Projections in Agriculture for Next 15 Years held on 31st July, 2017 under the Chairmanship of Prof. Ramesh Chand, Member (Agriculture), NITI Aayog.

59. Additional Director (Agricultural Sciences) participated in First Scientific Advisory Committee Meeting of TERI-Deakin Nano Biotechnology Centre held on 15 January, 2018 at Teri Gram, Gurugram, Haryana.

60. Additional Director (Agricultural Sciences) attended the 13th meeting of Soil Quality and Fertilizers Sectional Committee, FAD 7 of Bureau of Indian Standards held under the Chairmanship of Dr. A.K. Singh, Vice Chancellor, RVSKVV on 4th September, 2017 at Manak Bhawan, New Delhi.

61. Chief (Technical), FAI attended the 2nd meeting of the Technical Sub-committee (Fertilizer Sector) on PAT Cycle-III at BEE on 12th May, 2017.

62. Chief (Technical), FAI attended the 7th meeting of the CPCB Technical Expert Committee for evaluating proposals for utilization of hazardous and other wastes on 3rd June, 2017.

63. Chief (Technical), FAI attend the meeting with Director (E&S), DoF regarding Declaration of Fertilizer Industry as "Public Utility Service" on 17th July, 2017.

64. Chief (Technical), FAI, representatives of NFL, CFCL and Director (E&S), DoF had meeting with ALA, Ministry of Law regarding Declaration of Fertilizer Industry as "Public Utility Service" on 21st July, 2017.

65. Chief (Technical), FAI attended the 1st meeting of the Steering Committee for development of Energy Conservation Guidelines and Code by Bureau of Energy Efficiency on 21st September, 2017.

66. Chief (Technical), FAI attended the 12th meeting of Energy Management and Energy Savings Sectional Committee, MED 39 of Bureau of Indian Standards on 18th December, 2017.

67. Chief (Technical), FAI alongwith Mr. N.K. Verma, Jt. G.M, IFFCO, New Delhi attended the meeting on "Visualization of OCMS Data by industries on CPCB website" at CPCB, Delhi on 22nd December, 2017.

68. Chief (Technical), FAI, representatives of IFFCO, GNFC & SFC attended the meeting in CPCB on 17th January, 2018 to discuss implementation plan for compliance of emission limits by coal based power plants notified vide notification No. S. O. 3305 (E) dated 07th December, 2015.

69. Chief (Technical), FAI, alongwith a representative of IFFCO attended the CPCB meeting in Delhi on 20th March, 2018 regarding Implementation of Compliance Reporting Protocols of OCEMS Installation as per CPCB guidelines.

70. FAI-SR, regularly attended review meetings, pre-zonal conference meetings, static advisory committee, nutrient supply plan, etc., organized by State Department of Agriculture of the Southern Region

71. FAI-ER regularly participated in the meetings of State Department of Agriculture of the Eastern Region on various areas of fertilizer sector.

72. FAI-WR officials regularly attended the Fertiliser Review Meetings, pre-zonal meetings and State Fertilizer Advisory Committee meetings convened by the Secretary, Commissioner and Director of Agriculture of the states of western region.



APPENDIX-IV

TRAINING PROGRAMMES/ORIENTATION COURSES HELD DURING 2017-18

S.No.	Name of the Programme	Period	Name of the city	No. of Participants	Inaugurated by
CORPORATE OFFICE					
1.	Management Development Programme	23-26 April 2017	Goa	38	Dr. K.S. Hosalikar Deputy Director General of Meteorology India Meteorological Department RMC Mumbai
2.	Group Discussion on Operation and Maintenance Problems of Urea Plants	13-15 July 2017	Nangal	47	Mr. Manoj Mishra Chairman and Managing Director National Fertilizers Limited New Delhi
3.	Fertilizer Industry Orientation Programme	23-25 August 2017	New Delhi	31	Mr. Satish Chander Director General FAI, New Delhi
4.	BEE-FAI Fertilizer Sector Focused Training Programme on Energy Efficiency	11-13 October 2017	New Delhi	12	Mr. Abhay Bakre Director General BEE, New Delhi
5.	Training Programme for Senior Maintenance Engineers in Fertilizer Industry	18-23 February 2018	Surat	34	Mr. Rajesh Kumar Aggarwal Ex-Operations Director KRIBHCO, Hazira
6.	Fertilizer Logistics – Port Handling Operations and Coastal Shipping	5-8 March 2018	Gandhidham	51	Mr. Pramod A. Vasave Commissioner Central Excise & Service Tax Kutch
NORTHERN REGION					
1.	Dealer Training Programme	28 April 2017	Meerut	93	Dr. Ombir Singh Joint Director of Agriculture (Fertilizers), Lucknow
2.	Training Programme on Challenges and Strategies for Fertilizer Industry	14-17 June 2017	Uttarakhand	43	Mr. R.M. Deshpande Executive Director (Coordination) NFCL, Hyderabad
3.	Dealer Training Programme	27 July 2017	Kota	78	Mr. Vikas S. Bhale, IAS Commissioner (Agriculture) Government of Rajasthan Jaipur
4.	Fertilizer Orientation Course	28 July 2017	Jhalawar	85	Dr. L.K. Dashora Professor and Dean CoH&F, Jhalawar, Rajasthan
5.	Dealer Training Programme	7 September 2017	Ludhiana	77	Mr. Jasbir Singh Bains Director of Agriculture Government of Punjab SAS Nagar
6.	Fertilizer Orientation Course	8 September 2017	Ludhiana	108	Dr. S.S. Kukal Dean College of Agriculture Punjab Agricultural University Ludhiana

S.No.	Name of the Programme	Period	Name of the city	No. of Participants	Inaugurated by
7.	Training Programme on Challenges and Strategies for Fertilizer Industry	31 January – 3 February 2018	Jaisalmer	51	Mr. Satish Chander Director General FAI, New Delhi
8.	Dealer Training Programme	21 March 2018	Kamal	91	Dr. D.S. Yadav Director (Marketing) FAI, New Delhi
9.	Fertilizer Orientation Course	22 March 2018	Kaul	167	Dr. K.S. Grewal Dean, College of Agriculture CCSHAU, Hisar
EASTERN REGION					
1.	Balanced Fertilization – Key to Sustainable Agriculture	23 May 2017	Bhubaneswar	30	Prof. Surendranath Pasupalak Vice Chancellor OUAT, Bhubaneswar
2.	Climate Smart Agriculture for Food Security	30 May 2017	Kolkata	38	Mr. V.S. Sirohi Chairman, FAI-ER and Marketing Director KRIBHCO, Noida
3.	Fertilizer Policy – Issues & Concerns	21 July 2017	Patna	48	Mr. V.S. Sirohi Chairman, FAI-ER and Marketing Director KRIBHCO, Noida
4.	Fertilizer Policy with Special Reference to DBT, GST and Balanced Fertilization	27 July 2017	Ranchi	43	Swami Bhaveshnanda Secretary, Rama Krishna Mission Ashram, Morabadi, Ranchi
5.	Fertilizer Orientation Programme	4 August 2017	Lembucherra	74	Mr. M.L. Sukladas Director of Agriculture Government of Tripura
6.	Dealer Training Programme	3 November 2017	Malda	48	Mr. Amitava Chowdhury Deputy Director Agriculture (Admin.), Government of West Bengal, Kolkata
7.	Soil Rejuvenation & Crop Productivity Enhancement	24 November 2017	Bhubaneswar	39	Prof. Surendranath Pasupalak Vice Chancellor OUAT, Bhubaneswar
8.	Impact of DBT & GST in Fertilizer Sector and Integrated Nutrient Management for Sustainable Agriculture	5 January 2018	Guwahati	44	Dr. S. Nand Deputy Director General FAI, New Delhi
9.	Fertilizer Management Development Programme on Fertilizer and Enhancement of Farm Income	22-24 February 2018	Bolpur	32	Prof. Ashis Kumar Chatterjee Principal Palli Siksha Bhavana Visva Bharati University, Shantiniketan Bolpur, West Bengal
WESTERN REGION					
1.	Dealer Training Programme	20 July 2017	Aurangabad	121	Mr. Anant Ganjewar Agriculture Development Officer Zilha Parishad Aurangabad
2.	Fertilizer Orientation Course	21 July 2017	Aurangabad	225	Dr. D.K. Shelke Director CSMSS, COA, Aurangabad

S.No.	Name of the Programme	Period	Name of the city	No. of Participants	Inaugurated by
3.	Dynamics of Fertilizer Marketing	12-15 September 2017	Goa	40	Mr. U.B. Kakode Director of Agriculture, Goa
4.	Dealer Training Programme	20 December 2017	Ujjain	93	Mr. C.L.Kewada Deputy Director of Agriculture Ujjain
5.	Fertilizer Orientation Course	21 December 2017	Indore	110	Dr. V.K.Swarnakar Dean, CoA, Indore
6.	Dealer Training Programme	11 January 2018	Raipur	65	Dr. S.R. Ratre Managing Director Chhattisgarh State Seed & Agricultural Development Corporation Limited, Raipur
7.	Fertilizer Orientation Course	12 January 2018	Raipur	50	Dr. O.P. Kashyap Dean, College of Agriculture Raipur
8.	Fertilizer Orientation Course	26 February 2018	Navsari	90	Dr. K.G. Patel Dean College of Agriculture NAU, Bharuch
9.	Dealer Training Programme	27 February 2018	Bharuch	85	Mr. R.T. Bhargava Executive Director (Mktg.) GNVFC, Bharuch
10.	Workshop on Water Soluble Fertilizers	21-22 March 2018	Pune	53	Mr. K.B. Dere Deputy Director of Agriculture Pune

SOUTHERN REGION

1.	Fertilizer Orientation Course	10 April 2017	Vellayani	129	Dr. Anil Kumar Dean of Agriculture CoA, Vellayani
2.	Management Development Programme on Reforms in Fertilizer Policy – Need of the Hour	16-19 May 2017	Mangalore	41	Mr. K.P. Rao Director (Works) MCF, Mangalore
3.	Workshop on Impact of Fertilizer Policy on Balanced use of Nutrients	27 June 2017	Hyderabad	55	Mr. S. Narayanan Chairman, FAI-SR and Director (Marketing), SPIC and Greenstar Fertilizers Ltd., Chennai
4.	Soil Health Governance through INM	29 July 2017	Karakambadi	81	Dr. T. Giridhar Krishna Director Project on Soil Health Management, ANGRAU Tirupati
5.	Fertilizer Orientation Course	16 August 2017	Perambalur	80	Dr. K. Sivasubramanian Dean, Thanthai Roever Inst. of Agri. and Rural Development Perambaluru

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S.No.	Name of the Programme	Period	Name of the city	No. of Participants	Inaugurated by
6	Fertilizer Orientation Course	3 October 2017	Rajendranagar	51	Mr. S. Narayanan Chairman, FAI-SR and Director (Marketing), SPIC and Greenstar Fertilizers Limited, Chennai
7.	Fertigation	22 October 2017	Rajendranagar	126	Dr. V. Praveen Rao Vice Chancellor PJTSAU, Rajendranagar
8.	INM for Sustaining Soil Health	8 November 2017	Jammikunta	108	Mr. V. Sridhar Joint Director of Agriculture Karimnagar
9.	Management Development Programme on Fertilizer Policies – Need for Reforms	17-19 December 2017	Pondicherry	52	Mr. Satish Chander Director General FAI, New Delhi
10.	Impact of Fertilizer Policy on Soil Health Governance	23 February 2018	Bangalore	126	Mr. B.Y. Srinivas Director of Agriculture Government of Karnataka Bangalore
11.	Fertilizer Orientation Course	16 March 2018	Annamalainagar	179	Dr. M. Ravichandran Dean Faculty of Agriculture Annamalai University Annamalainagar
12.	Training Programme on Fertigation	20 March 2018	Kalyanadurgam	48	Dr. C. Manjulatha Programme Coordinator I/C, KVK, Kalyanadurgam

ACTIVITIES - CORPORATE OFFICE



ACTIVITIES - CORPORATE OFFICE



ACTIVITIES - REGIONAL OFFICE



ACTIVITIES - REGIONAL OFFICE



INDUSTRY NEWS



FAI AWARDS FOR 2017

I. FAI GOLDEN JUBILEE AWARDS

1 BEST PRODUCTION PERFORMANCE AWARDS

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

Winner

Krishak Bharati Cooperative Limited, Hazira

Runner-Up

Zuari Agro Chemicals Limited, Goa

A. Phosphoric Acid Plants

Special Award

Coromandel International Limited, Visakhapatnam

Winner

Paradeep Phosphates Limited, Paradeep

B. Complex (P₂O₅) Fertilizer Plants

Winner

Indian Farmers Fertiliser Cooperative Limited, Kandla

C. Single Super Phosphate Plants

Not awarded

D. Improvement in Overall Performance of a Company

Winner

Grasim Industries Limited (Unit: Indo Gulf Fertilisers), Jagdishpur

2. BEST TECHNICAL INNOVATION AWARD

Winner

Indian Farmers Fertiliser Cooperative Limited, Kandla for their innovation "Process for Manufacturing of Water Soluble Urea Phosphate".

Runner-Up

National Fertilizers Limited, Vijaipur for their innovation "Removal of Residual Oil Sludge from 10000 MT Ammonia Storage Tank during Decommissioning with Zero Pollution and Wastage".

II. ENVIRONMENT PROTECTION AWARDS

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

Winner

Chambal Fertilizers and Chemicals Limited, Gadepan

Runner-Up

Indian Farmers Fertiliser Cooperative Limited, Kalol

B. NP/NPK Complex Fertilizer Plants with captive acids

Winner

Coromandel International Limited, Vizag

C. NP/NPK Complex Fertilizer Plants without captive acids

Winner

Indian Farmers Fertiliser Cooperative Limited, Kandla

D. Single Super Phosphate Plants

Winner

Narmada Bio-Chem Limited, Ahmedabad

III. AWARD FOR EXCELLENCE IN SAFETY

Winner

Shriram Fertilisers & Chemicals, Kota (A Unit of DCM Shriram Limited)

Joint Runner - Ups

Indian Farmers Fertiliser Cooperative Limited, Kalol and

Indian Farmers Fertiliser Cooperative Limited, Aonla

IV. VIDEO FILM COMPETITION

Winner

Anya Polytech & Fertilizers Private Limited, Noida for their film 'माटी'

Runner-Up

Krishak Bharati Cooperative Limited, Noida for their film 'आ अब लोट चले'

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

Winner

Narmada Bio-Chem Limited, Ahmedabad

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

Winner

Shriram Fertilisers & Chemicals, New Delhi.
(A Unit of DCM Shriram Limited)

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

Winner

Indian Farmers Fertiliser Cooperative Limited, New Delhi.

VIII. AWARD FOR PROMOTION AND MARKETING OF MICRONUTRIENTS IN INDIA

Winner

Indian Farmers Fertiliser Cooperative Limited, New Delhi.

IX. FAI AWARD FOR EXCELLENCE FOR THE BEST WORK DONE IN THE FIELD OF EFFICIENT NUTRIENT MANAGEMENT

Winner

Dr. M.L. Jat, CIMMYT, New Delhi, Dr. Yadvinder – Singh, PAU, Ludhiana and C.M. Parihar, ICAR-Indian Agricultural Research Institute, New Delhi for their significant contributions in "Science-Based Farming Systems Approaches for Developing, Adapting and

Scaling Conservation Agriculture, Smallholder Precision Farming Tools and Techniques for Nutrient and Water Management, and Climate Smart Agriculture".

X. FAI GOLDEN JUBILEE AWARD FOR OUTSTANDING DOCTORAL RESEARCH IN FERTILIZER USAGE

Winner

Dr. Abir Dey, Division of Soil Science & Agricultural Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi for his outstanding doctoral research on the "Effect of Conservation Agriculture Practices on the Quality and Quantity of Soil Organic Matter, Soil Organic Carbon and Nitrogen Dynamics Under Rice-Wheat System".

XI. IZA-FAI AWARD ON PROMOTING THE USE OF ZINC IN INDIAN AGRICULTURE

Joint Winners

Dr. Susan John K, Division of Crop Production, ICAR-CTCRI, Thiruvananthapuram, Kerala for her outstanding research and extension work on "Zinc Nutrition under Tropical Tuber Crops Viz., Cassava, Sweet Potato and Elephant Foot Yam".

Dr. T. Chitdeshwari, Dr. P. Stalin and Dr. D. Muthumanickam, Department of Soil Science & Agricultural Chemistry, TNAU, Coimbatore for their outstanding research on "Zinc Nutrition and Technology Transfer Activities Aimed at Creating Awareness on the Use of Zinc in Tamil Nadu".

XII. IPI-FAI AWARD FOR PROMOTING BALANCED AND INTEGRATED FERTILIZER USE WITH EMHASIS ON POTASSIUM

Not awarded

XIII. BEST ARTICLE AWARDS

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

First Prize

Mr. M.N. Goyal, National Fertilizers Limited, Nangal for his article "Identification and Elimination of High Vibration Caused by Misalignment Induced Oil Whirl without Stoppage of the Machine - A Case Study" published in the June, 2017 issue of *Indian Journal of Fertilisers*.

Second Prize

Mr. T.K. Kole and Mr. S.C. Gaur, Kribhco Fertilizers Limited, Shahjahanpur for their article "A Case Study on KFL's CO₂ Absorber Shell Corrosion" published in the July 2017 issue of *Indian Journal of Fertilisers*.

B. SHRIRAM AWARDS IN MARKETING

First Prize

Mr. R.M. Deshpande, Nagarjuna Fertilizers and Chemicals Ltd., Hyderabad for his article on "Impact of GST on Fertilizer Sector" published in the September 2017 issue of *Indian Journal of Fertilisers*.

Joint Winners for Second Prize

Dr. G. Ravi Prasad, Mr. Deepak Somayaji, and Mr. Rajbardhan, Coromandel International Limited, Secunderabad for their article on "Marketing of Organic Fertilizers – Issues and Strategies" published in the September 2017 issue of *Indian Journal of Fertilisers*.

Ms. Madhulika Shukla, Indian Farmers Fertiliser Cooperative Limited, New Delhi for her article on "DBT and RO Module - An Industry Perspective" published in the September 2017 issue of *Indian Journal of Fertilisers*.

C. DHIRU MORARJI MEMORIAL AWARD IN AGRICULTURAL SCIENCES

First Prize

Dr. A.K. Shukla, Dr. Pankaj K. Tiwari, Dr. Chandra

Prakash, ICAR- Indian Institute of Soil Science, Bhopal and Dr. Abhijit Pakhare, ICMR- AIIMS, Bhopal for their article "Zinc and Iron in Soil, Plant, Animal and Human Health" published in November, 2016 issue of *Indian Journal of Fertilisers*.

Second Prize

Dr. A.N. Ganeshamurthy, Dr. T.R. Rupa, Dr. Kalaivanan, Dr. H.B. Raghupati, Dr. G.C. Satisha, Dr. G. Srinivasa Rao and Dr. M.B. Mahendra Kumar, Division of Soil Science and Agricultural Chemistry, ICAR- Indian Institute of Horticultural Research, Bengaluru for their article "Fertilizer Management Practices for Horticultural Crops" published in November, 2016 issue of *Indian Journal of Fertilisers*.

D. SHRIRAM KHAD PATRIKA AWARD

First Prize

Dr. K. N. Tiwari, Ex Director, International Plant Nutrition Institute, Gurgaon for his article on 'बदलते वैश्विक परिदृश्य में रबी फसलों की टिकाऊ उच्च उत्पादकता के लिए सर्वोत्तम कृषि प्रबंधन' published in September, 2017 issue of खाद पत्रिका

Second Prize

Dr. Virendra Kumar, Division of Water Technology, ICAR- Indian Agricultural Research Institute and Dr. Y.S. Shivay, Division of Agronomy, ICAR- Indian Agricultural Research Institute, New Delhi for their article on 'फसल अवशेषों को जलाएं नहीं – कम्पोस्ट बनाएं उत्पादन बढ़ाएं' published in July, 2017 issue of खाद पत्रिका



AWARD WINNERS



FAI Best Production Performance Award – Nitrogenous (Ammonia) Fertilizer Plants
 Winner: Krishak Bharati Cooperative Limited, Hazira
 Mr. R.K. Aggarwal, Operations Director, receiving the award



FAI Best Production Performance Award – Nitrogenous (Ammonia) Fertilizer Plants
 Runner Up: Zuari Agro Chemicals Limited, Goa
 Mr. Ranjit Singh Chugh, Chief Manufacturing Officer, receiving the award



FAI Best Production Performance Award – Phosphoric Acid Plants
 Special Award: Coromandel International Limited, Visakhapatnam
 Mr. Amir Alvi, Executive-Vice President & Head of Manufacturing, receiving the award



FAI Best Production Performance Award – Phosphoric Acid Plant
 Winner: Paradeep Phosphates Limited, Paradeep
 Mr. Nitin Kantak, Chief Technical Officer, Agribusiness, Adventz Group, receiving the award



FAI Best Production Performance Award – DAP/NP/NPK Complex Fertilizer Plants
 Winner: IFFCO, Kandla
 Mr. P.V. Narayana, Senior General Manager, receiving the award



FAI Best Production Performance Award – Improvement in Overall Performance of a Company
 Winner: Grasim Industries Limited
 (Unit : Indo Gulf Fertilisers, Jagdishpur)
 Mr. Rahul Kohli, CEO (Fertilizer Business), receiving the award

AWARD WINNERS



FAI Best Technical Innovation Award
 Winner : IFFCO, Kandla
 Mr. A.K. Sharma, Joint General Manager (Technical),
 receiving the award



FAI Best Technical Innovation Award
 Runner up : National Fertilizers Limited, Vijaipur
 Mr. S.K. Shukla, General Manager (I/C),
 receiving the award



FAI Best Environment Protection Award – Nitrogenous Fertilizer Plants
 Winner : Chambal Fertilisers and Chemicals Limited, Gadepan
 Mr. Ajay Tayal, General Manager (Maintenance),
 receiving the award



FAI Best Environment Protection Award – Nitrogenous Fertiliser Plants
 Runner up : IFFCO, Kalol
 Mr. D.G. Inamdar, General Manager,
 receiving the award



FAI Best Environment Protection Award – NP/NPK Complex Fertilizer Plants with Captive Acids
 Winner : Coromandel International Limited, Visakhapatnam
 Mr. M. Kumaresan, Senior Associate Vice President (Manufacturing),
 receiving the award



FAI Best Environment Protection Award – NP/NPK Complex Fertilizer Plant without Captive Acids
 Winner : IFFCO, Kandla
 Mr. R.K. Jain, Joint General Manager (Mechanical),
 receiving the award

AWARD WINNERS



**FAI Best Environment Protection Award –
Single Superphosphate Plants**
Winner : Narmada Bio-chem Limited, Ahmedabad
Mr. Dinesh Patel, Managing Director,
receiving the award



FAI Award for Excellence in Safety
Winner : Shriram Fertilisers and Chemicals, Kota
(A Unit of DCM Shriram Limited)
Mr. Vinoo Mehta, President & Business Head (Fertilizer & Cement),
receiving the award



FAI Award for Excellence in Safety
Joint Runner Ups : IFFCO, Kalol and IFFCO, Aonla
Mr. A.G. Margabandhu, Joint General Manager (Production), IFFCO, Kalol,
receiving the award



FAI Award for Excellence in Safety
Joint Runner Ups : IFFCO, Aonla & IFFCO, Kalol
Mr. G.K. Gautam, Senior General Manager, IFFCO, Aonla,
receiving the award



FAI Best Video Film Award
Winner : Anya Polytech & Fertilizers Pvt. Limited, Noida
Mr. Yashpal Singh Yadav, Managing Director,
receiving the award



FAI Best Video Film Award
Runner Up : Krishak Bharati Cooperative Limited, Noida
Mr. V.S. Sirohi, Marketing Director,
receiving the award

AWARD WINNERS



FAI Award on Production, Promotion and Marketing of Biofertilisers, Organic Fertilizers, City Compost
 Winner : Narmada Bio-chem Limited, Ahmedabad
 Mr. Dinesh Patel, Managing Director, receiving the award



FAI Golden Jubilee Award for Innovative Work on Transfer of Improved Farm Technologies
 Winner : Shriram Fertilisers and Chemicals, New Delhi
 (A Unit of DCM Shriram Limited)
 Dr. Puneet Pachauri, Additional General Manager, Agricultural Services, receiving the award



FAI Award on Application of Information and Communication Technology (ICT)/ Digital Transactions in Agriculture
 Winner : IFFCO, New Delhi
 Mr. A.K. Gupta, General Manager (IT Services), receiving the award



FAI Award on Promotion and Marketing of Micronutrients in India
 Winner : IFFCO, New Delhi
 Mr. Yogendra Kumar, Director (Marketing), receiving the award



FAI Golden Jubilee Award for Outstanding Doctoral Research in Fertilizer Usage
 Winner : Dr. Abir Dey, Scientist, Division of Soil Science and Agricultural Chemistry, ICAR- IARI, New Delhi, receiving the award



FAI Award on Excellence for the Best Work done in the field of Efficient Nutrient Management
 Winner : Dr. M.L. Jat, CIMMYT, New Delhi, Dr. Yadvinder Singh, PAU, Ludhiana and Dr. C.M. Parihar, ICAR-IARI, New Delhi,
 Dr. M.L. Jat, Principal Scientist/System Agronomist, receiving the award

AWARD WINNERS



IZA-FAI Award on Promoting the Use of Zinc in Indian Agriculture
 Joint Winners : Dr. Susan John K, Division of Crop Production, ICAR-CTCRI, Thiruvananthapuram and Dr. T. Chitdeshwari, Dr. P. Stalin & Dr. D.Muthumanickam, TNAU, Coimbatore
 Dr. Susan John K, Principal Scientist, receiving the award



IZA-FAI Award on Promoting the Use of Zinc in Indian Agriculture
 Joint Winners : Dr. T. Chitdeshwari, Dr. P. Stalin & Dr. D.Muthumanickam, TNAU, Coimbatore and Dr. Susan John K, Division of Crop Production, ICAR-CTCRI, Thiruvananthapuram,
 Dr. T. Chitdeshwari, Professor, receiving the award



Best Article Awards-Rashtriya Chemicals and Fertilizers Limited Awards in Production and Technology
 First Prize : Mr. M.N. Goyal, Chief Manager (Mechanical), National Fertilizers Limited, Nangal, receiving the award



Best Article Awards-Rashtriya Chemicals and Fertilizers Awards in Production and Technology
 Second Prize : Mr. T.K. Kole, Joint General Manager and Mr.S.C. Gaur, Deputy General Manager, (Mechanical), Kribhco Fertilizers Ltd., Shahjahanpur, receiving the award



Best Article Awards-Shriram Awards in Marketing
 First Prize : Mr. R.M. Deshpande, Executive Director, Nagarjuna Fertilizers and Chemicals Limited, Hyderabad receiving the award



Best Article Awards-Shriram Awards in Marketing
 Second Prize (Joint) : Dr. G. Ravi Prasad, Mr. Deepak Somayaji & Mr. Rajbardhan, Coromandel International Limited, Secunderabad and Ms. Madhulika Shukla, Chief Manager (Marketing), IFFCO, New Delhi
 Dr. G. Ravi Prasad, President - Corporate Affairs & Strategic Projects, receiving the award

AWARD WINNERS



Best Article Awards-Shriram Awards in Marketing
 Second Prize (Joint) : Ms. Madhulika Shukla, IFFCO, New Delhi and Dr. G. Ravi Prasad, Mr. Deepak Somayaji & Mr. Rajbardhan, Coromandel International Limited, Secunderabad,
 Ms. Madhulika Shukla, Chief Manager (Marketing), receiving the award



Best Article Awards-Dhiru Morarji Memorial Award in Agricultural Sciences
 First Prize : Dr. A.K. Shukla, Dr. Pankaj K. Tiwari, Dr. Chandra Prakash, ICAR-IISS, Bhopal and Dr. Abhijit Pakhare, ICMR-AIIMS, Bhopal,
 Dr. A.K. Shukla, Project Coordinator, AICRP (Micronutrients), ICAR-IISS, receiving the award



Best Article Awards-Dhiru Morarji Memorial Award in Agricultural Sciences
 Second Prize : Dr. A.N. Ganeshamurthy, Dr. T.R. Rupa, Dr. Kalaivanan, Dr. H.B. Raghupati, Dr. G.C. Satisha, Dr. G. Srinivasa Rao and Dr. M.B. Mahendra Kumar, ICAR-Indian Institute of Horticultural Research, Bengaluru,
 Dr. T.R. Rupa, Principal Scientist, receiving the award



Best Article Awards-Shriram Khad Patrika Award (Hindi)
 First Prize : Dr. K.N. Tiwari, Ex-Director, IPNI, Lucknow, receiving the award



Best Article Awards-Shriram Khad Patrika Award (Hindi)
 Second Prize : Dr. Virendra Kumar, Division of Water Technology and Dr. Y.S. Shivay, Division of Agronomy, ICAR-IARI, New Delhi,
 Dr. Virendra Kumar, Senior Technical Officer, receiving the award



FAI Life Time Service Award 2017
 presented to Dr. S. Nand, Deputy Director General, FAI, New Delhi

AWARD WINNERS



Dr. R.S. Paroda receiving the U.S. Awasthi IFFCO Award for Life Time Achievement in the Field of Agriculture Research and Development for the year 2016-17 for his outstanding work in advancement of agricultural sciences



Mr. Pratap Narayan receiving the U.S. Awasthi IFFCO Award for Life Time Achievement in the field of Fertilizer Industry for the year 2016-17 for outstanding contribution to the growth and development of Fertiliser Industry in India

FAI PUBLICATIONS

CORPORATE OFFICE

REGULAR JOURNALS

1. Indian Journal of Fertilisers	12 issues
2. Fertiliser Marketing News	12 issues
3. FAI Abstract Service	12 issues
4. Khad Patrika	12 issues

ANNUAL PUBLICATIONS

1. Annual Review of Fertiliser Production and Consumption 2016-17	October 2017
2. Fertiliser Statistics – 2016-17	November 2017
3. Specialty Fertiliser and Micronutrient Statistics –2016-17	November 2017
4. Biofertiliser Statistics –2016-17	November 2017
5. Pre-prints of FAI Seminar Papers – 2017	December 2017
7. Revised Edition of FCO (upto January 2018)	January 2018

ANNUAL PUBLICATIONS

1. EASTERN	- Newsletter	Monthly
	- State wise, District wise Statistical Bulletins	Monthly
	- Saar Samachar (Bengali)	Quarterly
	- Saar Batori (Assamese)	Quarterly
	- Saar Barta (Oriya)	Quarterly
	- Fertiliser & Agriculture Statistics	Annual
2. NORTHERN	- Newsletter	Monthly
	- Fertiliser and Agriculture Statistics	Annual
3. SOUTHERN	- Newsletter	Monthly
	- Fertiliser and Agriculture Statistics	Annual
4. WESTERN	- Newsletter	Monthly
	- Fertiliser and Agriculture Statistics	Annual



FAI PUBLICATIONS



APPENDIX VII

FAI ADVISORY/REGIONAL COMMITTEE MEETINGS 2017-18

Advisory Committee	Chairman	No. of Meetings held
Agricultural Sciences	Mr. N. Sambasiva Rao, Managing Director, KRIBHCO, Noida	2
Environment	Mr. K. Prabhakar Rao, Director (Works), MCFL, Mangalore	1
Information and Communications	Mr. Satish Chander, Director General, FAI, New Delhi	1
Marketing	Mr. A. Roy, Marketing Director, IFFCO, New Delhi	1
Policy, Finance & Taxation	Mr. Satish Chander, Director General, FAI, New Delhi	2
SSP	Mr. Shailesh Khaitan, Chairman and Managing Director, KCFL, Gurgaon	1
Technical	Mr. K.K. Kaul, Whole Time Director, DCM Shriram Ltd., New Delhi	1
Regional Committees		
East	Mr. V.S. Sirohi, Marketing Director, KRIBHCO, Noida	4
North	Mr. A.K. Jain, Vice Chairman & CEO, KFCL, Noida	1
South	Mr. S. Narayanan, Director (Marketing), Greenstar Fertilizers Ltd., Chennai	3
West	Dr. S.S. Ranade, Chairman, Ranadey Micronutrients Pvt. Ltd., Pune	1

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ADVISORY COMMITTEES

1. Agriculture Sciences

Chairman

Mr. N. Sambasiva Rao
Managing Director
Krishak Bharati Cooperative Ltd.
A-8/A, 10, Sector-1, District Gautam Budh Nagar
Noida - 201 301, Uttar Pradesh

Member

Dr. S. S. Ranade
Chairman
Ranadey Micronutrients Pvt. Ltd
'Shrikrishna', Krishnakeval Nagar,
1-A, Kondhwa Khurd,
Pune – 411 048, Maharashtra

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

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
Marketing Director
Krishak Bharati Cooperative Ltd.
A-8/A, 10, Sector-1,
District Gautam Budh Nagar
Noida - 201 301, Uttar Pradesh

Mr. Shailendra Singh
Director
Central Fertilizer Quality Control & Training Institute
Ministry of Agriculture & Farmers Welfare
NH-IV, Faridabad - 121 001, Haryana

Dr. Krishan Chandra
Director
National Centre of Organic Farming
Sector 19, Hapur Road, Kamla Nehru Nagar
Ghaziabad - 201 002, Uttar Pradesh

Dr. Vandana Dwivedi
Additional Commissioner (INM)
Department of Agriculture, Cooperation &
Farmers Welfare
Ministry of Agriculture & Farmers Welfare
Room No. 247-A, Krishi Bhawan
New Delhi - 110 001

Dr. Kaushik Majumdar
Vice President Asia and Africa Programs
International Plant Nutrition Institute
Palm Drive, B-1602,
Golf Course Extension Road
Sector-66, Gurgaon - 122 001, Haryana

Dr. S.K. Bansal
Director
Potash Research Institute of India
Sector-19, Delhi-Gurgaon Road, Dundaheera
Gurgaon - 122 016, Haryana

Dr. M.L. Jat
Senior Cropping Systems Agronomist
International Maize and Wheat
Improvement Centre (CIMMYT)
CG Block, NASC Complex
Pusa, New Delhi - 110 012

Dr. Alok Adholeya
Senior Director
Biotechnology & Bioresources Division
The Energy and Resources Institute (TERI)
Darbari Seth Block, IHC Complex
Lodhi Road, New Delhi - 110 003

Dr. G. Ravi Prasad
President - Corporate Affairs and Strategic Projects
Coromandel International Ltd.
'Coromandel House', 1-2-10, Sardar Patel Road
Secunderabad - 500 003, Telangana

Mr. N.H. Kurane
Executive Director (Marketing)
Rashtriya Chemicals & Fertilizers Ltd.
Priyadarshini Express Highway
Sion, Mumbai - 400 022, Maharashtra

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

Dr. G.C. Shrotriya
Head (VAS)
IFFCO Kisan Sanchar Ltd.
IFFCO House
34, Nehru Place
New Delhi - 110 019

Dr. Puneet Pachauri
Asstt. General Manager (Agronomy)
Shriram Fertilizers and Chemicals
Kirti Mahal, 19, Rajendra Place
New Delhi - 110 008

Dr. Subhendu Bhadraraj
Principal Scientist &
Head - Centre for Agri-solutions & Technology
Yara Fertilisers India Pvt. Ltd.
Indira Dham
Babrula Industrial Area - 243 751
District Sambhal, Uttar Pradesh

Dr. Naresh Prasad
Deputy General Manager
(Marketing Support & Development)
Chambal Fertilizers & Chemicals Ltd.
Corporate One, First Floor
5, Commercial Center, Jasola
New Delhi - 110 025

Dr. Arun K. Nair
General Manager - Solutions Business (CF)
Nagarjuna Fertilizers & Chemicals Ltd.
Nagarjuna Hills
Hyderabad - 500 082, Telangana

Dr. B.S. Dwivedi
Head
Division of Soil Science & Agricultural Chemistry
ICAR-Indian Agricultural Research Institute
New Delhi - 110 012

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

Mr. Mahadev Suvarna
Associate Vice President & Business Head
Coromandel SQM (I) Pvt. Ltd.
Coromandel House
1-2-10, Sardar Patel Road
Secunderabad - 500 003, Telangana

Dr. S.P. Singh
Senior General Manager (Agronomy)
Grasim Industries Limited
Unit - Indo Gulf Fertilisers
C-32, 4th Floor, KRBL Building, Institutional Area
Noida - 201301, Uttar Pradesh

Mr. Sohan Lal
Chief General Manager (Marketing)
National Fertilizers Limited
A-11, Sector 24, Noida - 201 301
Uttar Pradesh

Dr. Bhisham Pal
Chief Manager (E&S)
Indian Potash Ltd.
'Potash Bhavan', 10-B, Rajendra Park
Pusa Road, New Delhi - 110 060

Dr. K. K. Singh
Head-Agri Services
Zuari Agro Chemicals Ltd.
206, Tower A, Opp. EON Free Zone
Kharadi, Pune - 411 014, Maharashtra

Dr. Arvind K. Shukla
Project Coordinator (Micronutrients)
ICAR-Indian Institute of Soil Science
Nabibagh, Berasia Road
Bhopal - 462 038, Madhya Pradesh

Dr. A.S. Panwar
Director
ICAR-Indian Institute of Farming System Research
Modipuram - 250 110, Meerut, Uttar Pradesh

Dr. Ashok K. Patra
Director
ICAR-Indian Institute of Soil Science
Nabibagh, Berasia Road
Bhopal - 462 038, Madhya Pradesh

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

Dr. Srikantha Mohare
Executive Vice President - NPD
Smartchem Technologies Limited
(A fully owned subsidiary of DFPCCL)
Sai Hira, Survey No. 93, Mundhwa
Pune - 411 036, Maharashtra



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Dr. Soumitra Das
Director – South Asia, Zinc Nutrient Initiative
International Zinc Association
G1 & G5, Ground Floor, Allied Bhawan
Local Shopping Complex
Community Centre, Pushp Vihar
New Delhi – 110 062

Dr. Shashikant N Bhende
Country Agronomist
Mosaic India Private Limited
11th Floor, DLF Cybercity Building 8C
DLF Phase 2
Gurgaon - 122 002, Haryana

Dr. Jóska Gerendás
Director
K+S Fertilizers (India) Pvt. Ltd.
Office No. 101, First Floor
'MARVEL ALAINA'
Lane No. 5, Koregaon Park
Pune - 411 001, Maharashtra

Dr. K.K. Singh
Head, Agromet Advisory Services Division & Scientist-F
India Meteorological Department
Room No. 123, First Floor, Mahasagar Bhawan
Block-12, CGO Complex, Lodhi Road
New Delhi - 110 003

Mr. Abhay Kumar
Chairman
Dayal Fertilizers Group
Delhi Road, Partapur,
Meerut – 250103, Uttar Pradesh

2. Environment

Chairman

Mr. K. Prabhakar Rao
Director (Works)
Mangalore Chemicals & Fertilizers Ltd.
P.B. No. 18, Panambur
Mangalore - 575 010, Karnataka

Members

Mr. Srirup Sarkar
Chief Engineer (Technical Services)
Brahmaputra Valley Fertilizer Corp. Ltd.
Namrup, P. O. Parbatpur - 786 623
District Dibrugarh, Assam

Mr. A.K. Bhargava
Vice President (Works)
Chambal Fertilisers & Chemicals Ltd.
P. O. Gadepan - 325 208
District Kota, Rajasthan

Mr. N. Satya Subrahmanyam
Deputy General Manager (S&E)
Coromandel International Ltd.
Coromandel House
1-2-10 Sardar Patel Road
Secunderabad - 500 003, Telangana

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
The Dharamsi Morarji Chemical Co. Ltd.
Prospect Chambers, 317/21, Dr. D.N. Road
Mumbai - 400 001, Maharashtra

Mr. A.K. Sahni
General Manager (Operations)
Gujarat Narmada Valley Fertilizers &
Chemicals Limited
P. O. Narmadanagar - 392 015
District Bharuch, Gujarat

Dr. Y.P. Singh
Senior Vice President
(Operation, Design, Maintenance & Fibre Unit)
Gujarat State Fertilizers & Chemicals Ltd.
P. O. Fertilizernagar - 391 750
Vadodara, Gujarat

Mr. Ajay Kumar Gupta
Assistant General Manager (Quality)
Hindalco Industries Ltd.
(Unit : Birla Copper)
AT & P.O. Dahej - 392130
District Bharuch, Gujarat

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

Mr. Rajendra Sankhe
Chief Operating Officer
Grasim Industries Ltd.
Unit - Indo Gulf Fertilisers
P. O. Jagdishpur Industrial Area - 227 817
District Amethi, Uttar Pradesh

Mr. Jas Kamaljit Singh Bhuie
Vice President (Manufacturing)
Jubilant Agri & Consumer Products Ltd.
Plot No. 15, Knowledge Park - II
Greater Noida - 201 306, Uttar Pradesh

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

Mr. A.K. Das
General Manager (Production)
Krishak Bharati Cooperative Ltd.
Hazira Fertilizer Complex
P.O. KRIBHCO Complex
Surat - 394 515, Gujarat

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

Mr. B. Krishnappa
Joint General Manager (EHS & QC)
Mangalore Chemicals & Fertilizers Ltd.
P.B. No.18, Panambur, Mangalore - 575 010
Karnataka

Mr. A.K. Singh
General Manager (Environment)
Matix Fertilisers & 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 - 500 082
Hyderabad, Telangana

Mr. K.K. Goel
General Manager (Technical)
National Fertilizers Ltd.
A - 11, Sector 24, Noida - 201 301, Uttar Pradesh

Mr. Pranab Bhattacharyya
General Manager
(Technical Services)
Paradeep Phosphates Ltd.
PPL Township, Paradeep - 754 145
District Jagatsinghpur
Odisha

Mr. A.K. Singh
General Manager
Projects & Development India Ltd.
CIFT BUILDING
Sindri - 828 122
District Dhanbad, Jharkhand

Mr. R.R. Kulkarni
Deputy General Manager (F&S and Env.)
Rashtriya Chemicals & Fertilizers Ltd.
Thal Unit, Taluk Alibag - 402 208,
District Raigad
Maharashtra

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

Mr. N. Ramakrishnan
General Manager (PC)
The Fertilisers and Chemicals Travancore Ltd.
Eloor, Udyogamandal
Kochi - 683 501
Kerala

Mr. Raja Raman Chaudhary
Head - EMC
Yara Fertilisers India Pvt. Ltd.
Indiradham
P.O. Babrala - 202 521
District Badaun
Uttar Pradesh

Mr. V. K. Sinha
Vice President (Special Projects)
Zuari Agro Chemicals Ltd.
Tower 'A', 5th Floor
Global Business Park
MG Road, Sector 26
Gurgaon - 122 002
Haryana

3. Information and Communications

Chairman

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

Members

Dr. Naresh Prasad
Deputy General Manager
(Marketing Support & Development)
Chambal Fertilisers & Chemicals Ltd
Corporate One, First Floor
5, Commercial Center, Jasola
New Delhi -110 025

Mr. Ashutosh Singh
Additional General Manager
Gujarat Narmada Valley Fertilizers & Chemicals Ltd.
GNFC House, E-223, East of Kailash
New Delhi – 110 065

Mr. S.P. Yadav
Executive Director (Agri Business)
Gujarat State Fertilizers & Chemicals Ltd.
P.O. Fertilizernagar - 391 750
Vadodara, Gujarat

Dr. K. K. Singh
Head, Agromet Advisory Services
Division & Scientist -F
India Meteorological Department
Ministry of Earth Sciences
Room # 503, 5th Floor, Satmet Building
Mausam Bhawan, Lodi Road
New Delhi – 110 003

Mr. P. C. Paliwal
Assistant Vice President (IT)
Grasim Industries Ltd.
(Unit: Indo Gulf Fertilisers)
Jagdishpur Industrial Area- 227 817
District Amethi, Uttar Pradesh

Mr. M. R. Patel
Director (IT Services)
Indian Farmers Fertiliser Cooperative Ltd.
IFFCO Sadan, C-1, District Centre
Saket Place, New Delhi - 110 017

Dr. G. C. Shrotriya
Head (VAS)
IFFCO Kisan Sanchar Ltd.
IFFCO House, 34, Nehru Place
New Delhi - 110 019

Ms. M. Nalini
Additional General Manager (Accounts)
Indian Potash Ltd.
3rd Floor, Ambal Building, 727, Anna Salai
Chennai – 600 006, Tamil Nadu

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

Ms. Karuna Sharma
Chief Director (MIS)
National Cooperative Development Corporation
4, Siri Institutional Area, Hauz Khas
New Delhi – 110 016

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

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

Mr. Sreekanth Chundi
Senior Vice President
Shriram Fertilizers & Chemicals
19, Kirti Mahal, Rajendra Place
New Delhi – 110 025

4. Marketing

Chairman

Mr. A. Roy
Marketing Director
Indian Farmers Fertiliser Cooperative Ltd.
'IFFCO Sadan', C-1, District Centre
Saket Place
New Delhi - 110 017

Members

Mr. Y.K Goel

General Manager (Marketing)
Brahmaputra Valley Fertilizer Corporation Ltd.
Namrup: P.O. Parbatpur - 786 623
District Dibrugarh, Assam

Mr. V.K. Gupta

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

Dr. G. Ravi Prasad

President - Corporate Affairs and
Strategic Projects
Coromandel International Ltd.
'Coromandel House'
1-2-10, Sardar Patel Road
Secunderabad - 500003, Telangana

Mr. S. Narayanan

Director (Marketing)
Greenstar Fertilizers Ltd.
7th Floor, 'SPIC House'
88, Mount Road, Guindy
Chennai - 600 032
Tamil Nadu

Mr. Anand Gudihal

Chief Marketing Officer
Grasim Industries Ltd.
Unit - Indo Gulf Fertilisers
C-32, 4th Floor, KRBL Building
Institutional Area, Sector 62
Noida - 201 301
Uttar Pradesh

Mr. M.I. Shamsi

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

Mr. S.P. Yadav

Executive Director (Agri.Business)
Gujarat State Fertilizers & Chemicals Ltd.
P.O. Fertilizernagar - 391 75
Vadodara
Gujarat

Mr. Anurag Sharma

Assistant Vice President (Marketing)
Hindalco Industries Ltd. (Unit : Birla Copper)
'Aries House', 3rd Floor, Old Padra Road
Vadodara - 390015, Gujarat

Mr. Yogendra Kumar

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

Mr. Sudheer Relan

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

Mr. C. Narasimha Reddy

Vice President & Business Unit Head
Jubilant Agri and Consumer Products Ltd.
Plot No. 15, Knowledge Park - II
Greater Noida - 201 306, Uttar Pradesh

Mr. Rajeev Gupta

Chief General Manager (Marketing)
Kanpur Fertilizers & Cement Ltd.
Jaypee Group, JIIT
Sector - 128, Noida - 201 304, Uttar Pradesh

Mr. V.S. Sirohi

Marketing Director
Krishak Bharati Cooperative Ltd.
A-8/A, 10, Sector-1, District Gautam Budh Nagar
Noida - 201 301, Uttar Pradesh

Mr. T. Paul Premkumar

General Manager (M&D)
Madras Fertilisers Ltd.
Manali - 600 068, Chennai, Tamil Nadu

Mr. A.K. Tiwari

Sales Head
Mangalore Chemicals and Fertilizers Ltd.
206, Tower A, 'World Trade Centre'
S.No.1/18, Opposite EON Free Zone
Kharadi, Pune - 411 014, Maharashtra

Mr. Ashwani Sondhi

Director (Marketing)
MMTC Ltd.
'SCOPE COMPLEX', Core - I
7, Institutional Area, Lodhi Road
New Delhi - 110 003



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

Mr. Sohan Lal
Chief General Manager (Marketing)
National Fertilizers Ltd.
A-11, Sector-24, Noida - 201 301, Uttar Pradesh

Mr. Harshdeep Singh
Vice President (Sales & Marketing)
Paradeep Phosphates Ltd.
206, Tower A, 'World Trade Centre'
S.No.1/18, Opposite EON Free Zone
Kharadi, Pune - 411 014, Maharashtra

Mr. H. Ramsinghani
Director
Rama Phosphates Ltd.
812, 'Raheja Chambers', Nariman Point
Mumbai - 400 021, Maharashtra

Mr. N.H. Kurane
Executive Director (Marketing)
Rashtriya Chemicals & Fertilizers Ltd.
'Priyadarshini'
Eastern Express Highway, Sion
Mumbai - 400 022, Maharashtra

Mr. Sovan Chakrabarty
Senior Vice President and Business Head
Shriram Fertilisers and Chemicals
(A Unit of DCM Shriram Ltd.)
'Kirti Mahal', 19, Rajendra Place
New Delhi - 110 008

Mr. Arvind Kulkarni
Executive Vice President
(Crop Nutrition Business)
Smartchem Technologies Ltd.
(A fully owned subsidiary of DFPCL)
Sai Hira, Survey No. 93
Mundhwa, Pune - 411 036
Maharashtra

Mr. D.K. Sundar
Chief Operating Officer
Tata Chemicals Limited
'The Corenthum', A-41, Tower B
3rd Floor, Sector 62, Noida - 201 309
Uttar Pradesh

Mr. Bimal L. Goculdas
Managing Director
The Dharamsi Morarji Chemicals Company Ltd.
'Prospect Chambers'
317/21 Dr. D.N. Road, Fort
Mumbai - 400 001, Maharashtra

Mr. D. Nandakumar
Director (Marketing)
The Fertilisers and Chemicals Travancore Ltd.
P.B.No.14, Udyogamandal - 683 501, Kerala

Mr. Sanjiv Kanwar
Senior Vice President
Yara Fertilisers India Private Ltd.
502, Global Business Square, Plot No. 32
Sector-44, Gurgaon - 122002, Haryana

Mr. J.M. Kaushik
Sales Head
Zuari Agro Chemicals Ltd.
206, Tower A, 'World Trade Centre'
S.No.1/18, Opposite EON Free Zone
Kharadi, Pune - 411 014, Maharashtra

5. Policy, Finance & Taxation

Chairman

Mr. Satish Chander
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 Coop. Ltd.
IFFCO Sadan, District Centre
Saket Place
New Delhi - 110 017

Mr. Atul S. Chhabra
Deputy General Manager
Corporate Taxation Group
Indian Farmers Fertiliser Cooperative Ltd.
IFFCO Sadan
Saket Place
New Delhi - 110 017

Mr. Rajan Chowdhary
Finance Director
Krishak Bharati Cooperative Ltd.
A8-10, Sector-1, Noida - 201 301
Uttar Pradesh

Mr. M.C. Bansal
General Manager (F&A)
Krishak Bharati Cooperative Ltd.
KRIBHCO Bhawan
A-10, Sector-1, Noida - 201 301
District Gautam Budh Nagar, Uttar Pradesh

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

Mr. Sanjiv Kanwar
Senior Vice President
Yara Fertilisers India Private Limited
Unit No 502, Global Business Square
Plot No 32, Sector 44, Institutional Area
Gurgaon-122002, Haryana

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

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

Mr. T.K. Raghavan
Senior Assistant Vice President (F)
Coromandel International Limited
Coromandel House
1-2-10, Sardar Patel Road, Post Box No.1589
Secunderabad - 500 003, Telangana

Mr. V. Seshadri
Vice President – Strategic Finance
Zuari Agro Chemicals Ltd.
Tower-A, 5th Floor, Global Business Park
M.G. Road, Sector 26
Gurgaon - 122 022, Haryana

Mr. Sailesh Pati
Head (F&A)
Paradeep Phosphates Ltd.
Bayan Bhawan
Pandit Jawaharlal Nehru Marg
Bhubaneswar - 751 001, Odisha

Mr. R.M. Deshpande
Executive Director (Coordination)
Nagarjuna Fertilizers & Chemicals Ltd.
Nagarjuna Hills
Hyderabad - 500 082, Telangana

Mr. Ashutosh Arora
General Manager (F&A)
National Fertilizers Limited
A-11, Sector 24
Noida - 201 301, Uttar Pradesh

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

Mr. M.K. Jha
Acting General Manager (Services)
Brahmaputra Valley Fert. Corpn. Ltd.
P.O. Parbatpur - 786 623
District Dibrugarh, Assam

Mr. Vinoo Mehta
President & Business Head (F&C)
DCM Shriram Ltd.
Shriram Nagar, Kota - 324 004, Rajasthan

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

Mr. Suresh Warior
Director (Finance)
Rashtriya Chemicals & Fertilizers Ltd.
Priyadarshini, Eastern Express Highway
Sion, Mumbai - 400 022, Maharashtra

Mr. S. M. Chalke
Deputy General Manager (F)
Rashtriya Chemicals & Fertilizers Ltd.
Priyadarshini
Eastern Express Highway, Sion
Mumbai - 400 022, Maharashtra



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Mr. R. Venkataramanan
Chief Financial Officer
Kribhco Fertilizers Ltd.
KRIBHCO Bhavan
A-10, Sector-1, Noida - 201 301
District Gautam Budh Nagar, Uttar Pradesh

Mr. R. K Rao
Joint President (F&C)
Hindalco Industries Ltd. (Unit : Birla Copper)
Lakhigam, P.O. Dahej - 392 130
Taluka Vagra, District Bharuch, Gujarat

Mr. R.K. Laddha
Senior Vice President (F&C)
Grasim Industries Limited
Unit - Indo Gulf Fertilisers
Jagdishpur Industrial Area – 227 817
District Amethi, Uttar Pradesh

Mr. D. Banerjee
Executive Vice President (Finance)
Smartchem Technologies Ltd.
(A fully owned subsidiary of DFPCL)
Sai Hira, Survey No. 93
Mundhwa, Pune - 411 036
Maharashtra

Mr. Jitender Mishra
Associate Vice President-F&A (Agri Business)
Smartchem Technologies Ltd.
(A fully owned subsidiary of DFPCL)
Sai Hira, Survey No. 93, Mundhwa
Pune - 411 036, Maharashtra

Mr. N. Srikanth
General Manager (Finance)
Smartchem Technologies Ltd.
(A fully owned subsidiary of DFPCL)
Sai Hira, Survey No. 93, Mundhwa
Pune - 411 036, Maharashtra

Mr. K.V.B. Nair
General Manager (Finance)
The Fertilisers & Chemicals Travancore Ltd.
P.B. No.14, Eloor,
Udyogamandal - 683 501
Cochin, Kerala

Mr. Sanjay Tanwani
Country Head
Southern Petrochemical Industries Corp. Ltd.
711, 7th Floor, Laxmi Deep Building
Laxmi Nagar, District Centre
Delhi - 110092

Mr. V. Muralidharan
General Manager (Finance)
Madras Fertilizers Limited
Manali, Chennai - 600 068
Tamil Nadu

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

Mr. Sudhir Rana
Chief Financial Officer
Kanpur Fertilizers & Cement Limited
Jaypee Group, JIIT, Sector-128
Noida - 201 304, Uttar Pradesh

6. Single Super Phosphate

Chairman

Mr. Shailesh Khaitan
Chairman & Managing Director
Khaitan Chemical & Fertilizers Ltd.
K-9/4, House No. 4, Road No.9
DLF City Phase-II
Gurgaon - 122 002, Haryana

Members

Mr. Shantilal T. Shah
Vice Chairman
Aarti Fertilizers
Udyog Kshetra, 2nd Floor
L.B.S. Marg, Mulund (W)
Mumbai - 400 080, Maharashtra

Mr. Veenu Jain
Managing Director
BEC Fertilisers
31, Maker Chamber III
3rd Nariman Point
Mumbai - 400 023, Maharashtra

Mr. Shashikant Bhartia
Chairman
Basant Agro Tech (I) Ltd.
Sea Lord A-1/3, Cuffe Parade
Mumbai - 400 005, Maharashtra

Mr. Hemant Bohra
Chairman and Managing Director
Bohra Industries Ltd.
301, Anand Plaza, University Road
Udaipur - 313 001, Rajasthan

Mr. G. Srikrishna
Managing Director
Chemtech Fertilisers Pvt. Ltd.
303, Siri Estate, Nagarjuna Nagar Colony
Hyderabad - 500 073, Telangana

Mr. A.K. Srivastava
General Manager
Chambal Fertilisers and Chemicals Ltd.
'Corporate One' 1st Floor
5 Commercial Centre, Jasola
New Delhi - 110 025

Mr. Arun Leslie George
Executive Vice President & Head SSP
Coromandel International Ltd.
3rd Floor, TNW Business Center
Near Manisha Chokdi, Old Padara Road
Vadodara - 390 015, Gujarat

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

Mr. C. Narasimha Reddy
Vice President & Business Unit Head
Jubilant Agri and Consumer Products Ltd.
Plot No. 15, Knowledge Park - II
Greater Noida - 201 306
Uttar Pradesh

Mr. H. Agnihotri
President
Khaitan Chemical & Fertilizers Ltd.
1/2, Old Palasia, Apollo Arcade, 3rd Floor
Indore - 452 001, Madhya Pradesh

Mr. B.P. Raval
Director
Narmada Agro Chemicals Pvt. Ltd.
19-26, Udhyanagar, Shardagram Road
Mangrol - 362 225
District Junagarh, Gujarat

Mr. K.K. Jand
Vice President (Marketing)
Nirma Ltd.
NIRMA House, Ashram Road, Near I.T.O
Ahmedabad - 300 009
Gujarat

Mr. H. Ramsinghani
Director
Rama Phosphates Ltd.
812, Raheja Chambers, Nariman Point
Mumbai - 400 021, Maharashtra

Mr. K.N. Kulkarni
General Manager (SFS)
Shriram Fertilizers & Chemicals
(A Unit of DCM Shriram Ltd.)
19, Kirti Mahal, Rajendra Place
New Delhi - 110 025

Mr. B.B. Singh
Assistant Vice President
(Logistics & Corp. Affairs)
Tata Chemicals Ltd.
51, Chowringhee Road
Kolkata - 700 071, West Bengal

Mr. Hardev Singh
Chairman and Managing Director
Teesta Agro Industries Ltd.
Mazabari, P.O. Rajganji
District Jalpaiguri - 735 134
West Bengal

Mr. Bimal L. Goculdas
Managing Director
The Dharamsi Morarji Chemicals Co. Ltd.
'Prospect Chambers', 317/21 Dr. D.N. Road
Fort, Mumbai - 400 001
Maharashtra

Mr. R.K. Ganeriwala
Vice President-Corp. Affairs & Secretary
The Jayshree Chemicals & Fertilisers
'Industry House'
15th Floor, 10, Camac Street
Kolkata - 700 017
West Bengal

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

Mr. Milind Akerkar
Head SSP Business
Zuari Agro Chemicals Ltd.
Global Business Park
Tower-A, 5th Floor, M.G. Road
Sector - 26, Gurgaon - 122 002
Haryana



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7. Technical Advisory Committee

Chairman

Mr. K.K. Kaul
Whole Time Director
DCM Shriram Ltd.
Kanchanjanga Building
5th Floor, 18, Barakhamba Road
New Delhi - 110 001

Members

Mr. Ashim Kumar Ghosh
General Manager (Unit)
Brahmaputra Valley Fertilizer Corp. Ltd.
Namrup Unit, P. O. Prabatpur - 786 623
District Dibrugarh, Assam

Mr. A.K. Bhargava
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 Ltd.
Coromandel House, 1-2-10 Sardar Patel Road
Secunderabad - 500 003, Telangana

Mr. D.B. Shah
Executive Director (Operation & Maintenance)
Gujarat Narmada Valley Fertilizers & Chemicals Ltd.
P. O. Narmadanagar - 392 015, District Bharuch, Gujarat

Dr. Y.P. Singh
Senior Vice President (Operation,
Design, Maintenance & Fibre Unit)
Gujarat State Fertilizers & Chemicals Ltd.
P. O. Fertilizernagar - 391 750
Vadodara, Gujarat

Mr. Nishit Dave
Assistant Vice President (Fertilizer)
Hindalco Industries Ltd.
(Unit : Birla Copper), AT & P.O. Dahej
District Bharuch - 392 130, Gujarat

Mr. A.K. Singh
Director (CD&ESP)
Indian Farmers Fertiliser Cooperative Ltd.
IFFCO Sadan, C-1 District Centre
Saket Place
New Delhi - 110 017

Mr. Rajendra Sankhe
Chief Operating Officer
Grasim Industries Ltd.
Unit - Indo Gulf Fertilisers
P. O. Jagdishpur Industrial Area - 227 817
District Amethi, Uttar Pradesh

Mr. O.P. Gupta
Managing Director
Kribhco Fertilizers Ltd.
KRIBHCO Bhawan, A-10, Sector - 1, Noida - 201 301
Uttar Pradesh

Mr. Rajesh Kumar Aggarwal
Operations Director
Krishak Bharati Cooperative Ltd.
Hazira Fertilizer Complex,
P.O. KRIBHCO Complex - 394 515
Surat, Gujarat

Mr. K. Prabhakar Rao
Director (Works)
Mangalore Chemicals & Fertilizers Ltd.
P. B. No. 18, Panambur
Mangalore - 575 010
Karnataka

Mr. U. Saravanan
Director (Technical)
Madras Fertilizers Ltd.
Manali, Chennai - 600 068
Tamil Nadu

Mr. Ajay Shankar Singh
Head (Ammonia)
Matix Fertilisers and Chemicals Ltd.
Panagarh Industrial Park, Panagarh
Purba Bardhaman - 713 169
West Bengal

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

Mr. K. K. Goel
General Manager (Technical)
National Fertilizers Limited
A-11, Sector 24, Noida - 201 301
Uttar Pradesh

Mr. Brij Deo Singh
General Manager
(Planning & MR)
Projects & Development India Limited
PDIL Bhawan
A-14, Sector 1
Noida - 201 301
Uttar Pradesh

Mr. N.M. Kantak
Chief Technical Officer
Paradeep Phosphates Ltd.
Tower "A", 5th Floor
Global Business Park
MG Road, Sector-26
Gurgaon - 122 002
Haryana

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

Mr. Dipten Roy
Head - Fertilizer
Shriram Fertilisers & Chemicals
(A unit of DCM Shriram Ltd.)
P. O. Shriram Nagar - 324 004
District Kota
Rajasthan

Mr. Yogesh Mittal
Executive Vice President (Operations)
Smartchem Technologies Ltd.
(A fully owned subsidiary of DFPCL)
K-1, MIDC Industrial Area
District Raigad
Taloja A.V. - 410 208
Maharashtra

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

Mr. T.P. Ajith Kumar
General Manager (Opern.) CD
The Fertilisers and Chemicals Travancore Ltd.
Eloor, Udyogamandal, Kochi - 683 501
Kerala

Mr. S. Bhaskar Kumar
Vice President (Manufacturing)
Yara Fertilisers India Pvt. Ltd.
Indira Dham, P. O. Babrala - 242 021
District Badaun, Uttar Pradesh

Mr. Ranjit Singh Chugh
Chief Manufacturing Officer
Zuari Agro Chemicals Ltd.
Jaikisaan Bhawan, P. O. Zuarinagar - 403 726
Goa



FAI MEMBERS (AS ON 31.03.2018)

ACTIVE MEMBERS

- | | | | |
|---|---|----|---|
| 1 | <p>Asian Fertilizers Limited
P.W.D. Officers Colony
Near Rastriya Sahara Press, Park Road,
Gorakhpur 273 001
Uttar Pradesh</p> | 9 | <p>Grasim Industries Limited
(Unit : Indo Gulf Fertilisers)
P.O. Jagdishpur Industrial Area
District Amethi 227 817
Uttar Pradesh</p> |
| 2 | <p>BEC Fertilizers
(Unit of Bhillai Engg. Corp.Ltd.)
Sector A, Sirgetti Industrial Area, Sirgetti
Bilaspur 495 004
Chattisgarh</p> | 10 | <p>Greenstar Fertilizers Limited
SPIC House
No. 88, Mount Road, Guindy
Chennai 600 032
Tamil Nadu</p> |
| 3 | <p>Bharat Agri Fert. & Realty Limited
Bharat Fertiliser House
12, Nanabhai Lane, Fort
Mumbai 400 023
Maharashtra</p> | 11 | <p>Gujarat Narmada Valley Fertilizers & Chemicals Limited
P.O. Narmada Nagar
District Bharuch 392 015
Gujarat</p> |
| 4 | <p>Brahmaputra Valley Fertilizer Corporation Limited
Regd. Office Namrup
P.O. Parbatpur
District Dibrugarh 786 623
Assam</p> | 12 | <p>Gujarat State Fertilizers & Chemicals Limited
P.O. Fertilizernagar
District Vadodara 391750
Gujarat</p> |
| 5 | <p>Chambal Fertilizers and Chemicals Limited
Corporate One, First Floor
5, Commercial Center, Jasola
New Delhi 110 025</p> | 13 | <p>Hindalco Industries Limited
(Unit : Birla Copper)
3rd Floor, Aries House
Near Hotel Siddharth Palace
Old Padra Road
Baroda 390 015
Gujarat</p> |
| 6 | <p>Coimbatore Pioneer Fertilizers Ltd.
P.O.Muthugoundanpudur
Via Sulur
District Coimbatore 641 006
Tamil Nadu</p> | 14 | <p>Indian Farmers Fertiliser Cooperative Limited
IFFCO Sadan
C-1, District Centre
Saket Place
New Delhi 110 017</p> |
| 7 | <p>Coromandel International Limited
1-2-10, Sardar Patel Road
Post Box No. 1589
Secunderabad 500 003
Telangana</p> | 15 | <p>Indian Potash Limited
Potash Bhawan
10-B, Rajendra Park
Pusa Road
New Delhi 110 060</p> |
| 8 | <p>DCM Shriram Limited
Kanchanjunga Building,
5th Floor, 18, Barakhamba Road
New Delhi 110 001</p> | 16 | <p>Jubilant Agri and Consumer Products Ltd.
Plot No. 15, Knowledge Park - II
Greater Noida 201 306
Uttar Pradesh</p> |

- 17 **Kanpur Fertilizer and Cement Limited**
C/o. Jaiprakash Associates Ltd.
Jaypee Greens Wish Town, Sector - 128
Noida 201 304
Uttar Pradesh
- 18 **Khaitan Chemicals & Fertilizers Limited**
Apollo Arcade, 3rd Floor, 1/2, Old Palasia
Opposite Palasia Police Station
Indore 452 018
Madhya Pradesh
- 19 **Kothari Industrial Corporation Limited**
Kothari Buildings
114, M.G. Road, Nungambakkam
Chennai 600 034
Tamil Nadu
- 20 **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
- 22 **Krishna Industrial Corporation Limited**
Ramakrishna Building, 183, Mount Road
Post Box No. 703
Chennai 600 006
Tamil Nadu
- 23 **Madras Fertilizers Limited**
Manali
Chennai 600 068
Tamil Nadu
- 24 **Mangalore Chemicals & Fertilizers Limited**
Level-11, UB Towers, UB City
24, Vittal Mallya Road
Bangalore 560 001
Karnataka
- 25 **Matix Fertilisers and Chemicals Limited**
Office No. 600, 6th Floor
Martin Burn Business Park
BP-3, Sector-V, Salt Lake
Kolkata 700 091
West Bengal
- 26 **MMTC Limited**
Scope Building, Core-1
7, Institutional Area, Lodhi Road
New Delhi 110 003
- 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, Orissa
- 30 **Rama Phosphates Limited**
51-52, Free Press House
Nariman Point
Mumbai 400 021
Maharashtra
- 31 **Ranadey Micronutrients (Pvt.) Limited**
Shrikrishna
Krishnakeval Nagar, 1/A, Kondhwa Khurd
Pune 411 048
Maharashtra
- 32 **Rashtriya Chemicals & Fertilizers Limited**
Priyadarshini
Eastern Express Highway
Sion, Mumbai 400 022
Maharashtra
- 33 **Smartchem Technologies Limited**
(A fully owned subsidiary of DFPCL)
Opposite Golf Course, Jail Road
Shastri Nagar, Yeravada
Pune 411 006
Maharashtra
- 34 **Southern Petrochemical Industries Corporation Limited**
SPIC House
88, Mount Road, Guindy
Chennai 600 032
Tamil Nadu

- | | |
|---|--|
| <p>35 Tata Chemicals Limited
Bombay House
24, Homi Mody Street, Fort
Mumbai 400 001
Maharashtra</p> | <p>2 A2Z Infrastructure Limited
Plot B-38, Near Jharsa Chowk
Institutional Area, Sector - 32
Gurgaon 122 001
Haryana</p> |
| <p>36 The Andhra Sugars Limited
Post Box No. 102
Venkatarayapuram, District West Godavari
Tanuku 534 215
Andhra Pradesh</p> | <p>3 Aarti Fertilizers
(A Division of Aarti Industries)
Plot No. 801, 801/23, GIDC Estate, Phase III, District
Valsad, Vapi 396 195
Gujarat</p> |
| <p>37 The Dharamsi Morarji Chemical Co. Limited
Prospect Chambers
317/21, Dadabhoy Naoroji Road
Mumbai 400 001
Maharashtra</p> | <p>4 Abdullah Haji Rahimtula & Sons Pvt. Limited
DCM Building, 3rd Floor
Flat No.-3E, 16, Barakhamba Road
New Delhi 110 001</p> |
| <p>38 The Fertilisers and Chemicals Travancore Limited
P.O. Udyogamandal
Kochi
Alwaye 683 501
Kerala</p> | <p>5 Adani Ports and Special Economic Zone Limited
Adani Corporate House, Plot No.83
Institutional Area, Sector - 32
Gurgaon 122 001
Haryana</p> |
| <p>39 The Jay Shree Chemicals & Fertilisers
Industry House, 15th Floor
10, Camac Street
Kolkata 700 017
West Bengal</p> | <p>6 Agro Phos (India) Limited
M-87, Trade Centre
18, Southtuko Ganj
Indore 452 001
Madhya Pradesh</p> |
| <p>40 The Phosphate Company Limited
14, Netaji Subhas Road, 3rd Floor
Kolkata 700 001
West Bengal</p> | <p>7 Agrocel Industries Limited
4th Floor, Doctor House
Opposite G.K. General Hospital, Bhuj
Kutch 370 001
Gujarat</p> |
| <p>41 The State Trading Corporation of India Limited
Jawahar Vyapar Bhawan
Tolstoy Marg
New Delhi 110 001</p> | <p>8 Ameropa India Private Limited
215 Atrium, C-620/621, Chakala
Andheri Kurla Road, Andheri East
Mumbai 400 059
Maharashtra</p> |
| <p>42 Zuari Agro Chemicals Limited
Jaikisaan Bhawan
Zuarinagar 403 726
Goa</p> | <p>9 Analyser Instrument Co. Pvt. Limited
E-29 (A), Road No.2
Indraprastha Industrial Area
Kota 324 005, Rajasthan</p> |
| <p>ASSOCIATE MEMBERS</p> | |
| <p>1 a c t infraport Limited
Plot No. 391 & 392, Sector 1/A
Near Mamlatdar's Office, Gandhidham
Kachchh 370 201
Gujarat</p> | <p>10 Anshula Technological Engineering
Consultants Pvt. Limited
A 401/402, LEO Building (Formerly Kohinoor CHS)
Plot No.479, T.P.S.III, 24th Road, Khar (West)
Mumbai 400 052
Maharashtra</p> |

- | | | | |
|----|--|----|---|
| 11 | Anya Polytech & Fertilizers Private Limited
B-243, Sector-26 (Basement)
Noida 201 301
Uttar Pradesh | 20 | Bohra Industries Limited
301, Anand Plaza
University Road
Udaipur 313 001
Rajasthan |
| 12 | Arcad Fertilizers Pvt. Limited
2/11, Koli Samaj Building, Sewri (East)
Mumbai 400 015
Maharashtra | 21 | Borochemie (India) Pvt. Limited
40-44A, Dheeraj Heritage, 4 th Floor
S.V. Road, Santacruz (West)
Mumbai 400 054
Maharashtra |
| 13 | Archean Chemical Industries Private Limited
5 th Floor, Tower-II, TVH-Belicia Towers,
94, MRC Nagar
Chennai 600 028
Tamil Nadu | 22 | Central Glass Company India Private Limited
Unit No. 103 & 104, Tower B
Spaze I-Tech Park, Sector 49
Sohna-Gurgaon Expressway
Gurgaon 122 002
Haryana |
| 14 | 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 | 23 | CFI Technologies Private Limited
AC Market, 9 th Floor
1, Shakespeare Sarani
Kolkata 700 071
West Bengal |
| 15 | Armaco Chemical Process Systems Pvt. Limited
A/6, Venus Nauroji Vakil Street
Nana Chowk, Grant Road (West)
Mumbai 400 007
Maharashtra | 24 | Chakradhar Chemicals Pvt. Limited
E-3, UPSIDC Industrial Area
Bagrajpur
Muzaffarnagar 251 203
Uttar Pradesh |
| 16 | Baltic Testing India Private Limited
Hubtown Viva Building, Suite No. 313/314
3 rd Floor, Shankarwadi
Western Express Highway
Jogeshwari (East)
Mumbai 400 060
Maharashtra | 25 | Chembond Water Technologies Limited
Chembond Centre
EL-71, Mahape MIDC
Navi Mumbai 400 705
Maharashtra |
| 17 | Basant Agro Tech (India) Limited
95-96, 9 th Floor, 'C' Wing
Mittal Court, Jamnalal Bajaj Marg, Nariman Point
Mumbai 400 021
Maharashtra | 26 | Chemtech Fertilisers Pvt. Limited
303, Siri Estate
Nagarjuna Nagar Colony
Hyderabad 500 073
Telangana |
| 18 | Bharat Agro Molecule Limited
E-34-36, Udyogpuram
Partapur
Meerut 250 103
Uttar Pradesh | 27 | Continental Profiles Limited
Plot No.10, Sector-6
Faridabad 121 006
Haryana |
| 19 | Bhaskar Fertilisers Limited
Door No. 18-1-343, Venugopal Nagar
Opposite R.T.C. Bus Stand
Anantapur 515 005
Andhra Pradesh | 28 | Coromandel SQM (India) Private Limited
Coromandel House
1-2-10, Sardar Patel Road
Secunderabad 500 003
Telangana |

- 29 **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
- 30 **Crop Life Science Limited**
Plot No.5165 GIDC Estate
Near 66 KV Sub Station, Ankleshwar 393 002
Gujarat
- 31 **Crop Nutri Solutions (India) Private Limited**
Flat No. : 2A, M.S. Nilayam, Plot No.15
HACP Colony, Kharkhana
Secunderabad 500 009
Telangana
- 32 **Dayal Fertilizers (P) Limited**
Delhi Road, Partapur
Meerut 250 013
Uttar Pradesh
- 33 **Devdhar Chemicals Pvt. 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
- 34 **Dhanlakshmi Biochem Pvt. Limited**
Prahladnagar, Satellite
Ahmedabad 380 015
Gujarat
- 35 **Dhanuka Agritech Limited**
14th Floor, Building 5A
Cyber City, DLF Phase III
Gurgaon 122 002
Haryana
- 36 **Diamond Shipbrokers Private Limited**
C-318/319, 215 Atrium
Andheri Kurla Road, Andheri (East)
Mumbai 400 059
Maharashtra
- 37 **Dreymoor Fertilizers Overseas Pte. Limited**
403, Suncity Business Tower
Golf Course Road, Sector - 54
Gurgaon 122 002
Haryana
- 38 **Dynamic Sales Service International Pvt. Limited**
208-213, DDA Commercial Complex
Aurobindo Place, Hauz Khas
New Delhi 110 016
- 39 **Ebara Machinery India Private Limited**
902, Bhumi Raj Costarica, Sector - 18
Palm Beach Road, Sanpada
Navi Mumbai
Maharashtra - 400 705
- 40 **ELGI Sauer Compressors Limited**
ELGI Industrial Complex III
Singanallur, Coimbatore 641 005
Tamil Nadu
- 41 **Eminence Shipping Agencies Private Limited**
Flat - 4D, 4th Floor
Embassy Building
4, Shakespeare Sarani
Kolkata 700 071
West Bengal
- 42 **FCI Aravali Gypsum & Minerals India Limited**
Mangu Singh Rajvi Marg
Paota 'B' Road
Jodhpur 342 010
Rajasthan
- 43 **Freight Investor Services Private Limited**
CB-24, Regus Eversun Business Centre
A' Wing, 8th Floor, Reliable Tech Park
Gut 31, Airoli
Navi Mumbai 400 708
Maharashtra
- 44 **Frost International Limited**
Aria Tower, 3rd Floor, Commercial Block,
JW Marriott Hotel, Aerocity
Asset Area - 4 Hospitality
District
New Delhi - 110 037
- 45 **Gauri Impex**
303, Saraswati House
27, Nehru Place
New Delhi 110 019
- 46 **GDS Chemicals & Fertilizers Pvt. Limited**
Aska Road, Near Sarguna Street
Berhampur
District Ganjam 760 006
Odisha

- | | |
|--|---|
| <p>47 Gemini Fertilizers
Kothari Building
114, Mahathma Gandhi Salai, Nungambakkam
Chennai 600 034
Tamil Nadu</p> | <p>56 Hindustan Urvarak & Rasayan Limited
Core - I, 4th Floor, Scope Minar
Laxmi Nagar
Delhi 110 092</p> |
| <p>48 Geolife Agritech India Pvt. Limited
301, Marathon Max, LBS, Marg
Opposite Nirmal Lifestyle, Mulund West
Nagpur 440 018
Maharashtra</p> | <p>57 Hindustan Zinc Limited
(Vedanta Group Unit)
Yashad Bhawan, Udaipur 313 004
Rajasthan</p> |
| <p>49 Growell Resources & Management Pvt. Limited
Bharat Insurance Building, 2nd Floor
15-A, Horniman Circle Fort
Mumbai 400 001
Maharashtra</p> | <p>58 HPM Chemicals and Fertilizers Limited
209-210, Anupam Bhawan
Near Aakash Cinema, Azadpur
Delhi 110 033</p> |
| <p>50 Gujarat Agro Industries Corporation Limited
Agro Service Division
Khet Bhavan, Opposite Old High Court
Navrangpura
Ahmedabad 380 014
Gujarat</p> | <p>59 ICL Fertilizers (India) Pvt. Limited
306, Tower A, Millennium Plaza
Sector 27
Gurgaon 122 002, Haryana</p> |
| <p>51 Haldor Topsoe India Pvt. Limited
Vatika Mindscapes, Tower A, 3rd Floor
12/3, Mathura Road (NH-2), Sector - 27
Faridabad 121 003
Haryana</p> | <p>60 IFFCO-TOKIO General Insurance Co. Limited
IFFCO Tower, 4th & 5th Floor
Plot No.3, Sector-29
Gurgaon 122 001, Haryana</p> |
| <p>52 Harshadray Private Limited
610, Ansal Bhawan, 6th Floor
16, Kasturba Gandhi Marg
New Delhi 110 001</p> | <p>61 IL&FS Environmental Infrastructure and Services Limited
4th Floor, Dr. Gopaldas Bhavan
28, Barakhamba Road, Connaught Place
New Delhi 110 001</p> |
| <p>53 HCM Agro Products Private Limited
RR-29, First Floor, Miyan Wali Nagar
Paschim Vihar
New Delhi 110 087</p> | <p>62 Indian Agrochem Industries Pvt. Limited
Plot No. B-13, MIDC
Badlapur (E)
Dist. Thane 421 503
Maharashtra</p> |
| <p>54 Heavy Water Board
Department of Atomic Energy
Vikram Sarabhai Bhawan, 5th Floor
Anushaktinagar
Mumbai 400 094
Maharashtra</p> | <p>63 Indian Phosphate Limited
F-234, 1E, Mewar Industrial Area
Madri, Udaipur 313 003
Rajasthan</p> |
| <p>55 Hindustan Insecticides Limited
Scope Complex
2nd Floor, Core-6
7, Lodi Road,
New Delhi 110 003</p> | <p>64 Indra Industries Limited
406, Airen Heights, Opposite Orbit Mall
Behind Pakiza Showroom
Indore 452 010
Madhya Pradesh</p> |
| | <p>65 Inspectorate Griffith India Pvt. Ltd.
3rd Floor, Vasundhara Building
2/7, Sarat Bose Road
Kolkata 700 020
West Bengal</p> |

- | | |
|---|---|
| <p>66 Intertek India Private Limited
F Wing, 1st Floor, Tex Center
Chandivali Farm Road, Chandivali, Andheri (E)
Mumbai 400 072
Maharashtra</p> | <p>76 K+S Fertilizers (India) Pvt. Limited
Office No.101, First Floor
MARVEL ALAINA, Lane No.5, Koregaon Park
Pune 411 001
Maharashtra</p> |
| <p>67 Intertrade Services
SLKL House
X-21, WHS Naraina
New Delhi 110 028</p> | <p>77 Karaikal Port Private Limited
No.39, Chettinad Chambers, 5th Street
3rd Floor, R.K. Salai
Near AVM Rajeshwari Marriage Hall
Chennai 600 004
Tamil Nadu</p> |
| <p>68 ISGEC Heavy Engineering Limited
Yamunanagar 135 001
Haryana</p> | <p>78 Karneet Enterprises (India) Pvt. Limited
44/3, Fair Field Layout
Race Course Road
Bangalore 560 001
Karnataka</p> |
| <p>69 J.B. Boda Insurance Surveyors & Loss Assessors Pvt. Limited
603, Ansal Chamber-II
Bhikaji Cama Place
New Delhi 110 066</p> | <p>79 Kayavlon Impex Pvt. Limited
2nd Floor, Vishwakarma Chambers
Majura Gate, Ring Road
Surat 395 002
Gujarat</p> |
| <p>70 J.J. Consultants Pvt. Limited
D-263, Defence Colony
New Delhi 110 024</p> | <p>80 KBR Engineering & Construction India Pvt. Limited
16th Floor, Tower A, Building No. 5
DLF Cyber Terraces, DLF Phase III
Gurgaon 122 002
Haryana</p> |
| <p>71 J.M. Baxi & Co.
1006, 10th Floor, Mohandev Building
13, Tolstoy Marg
New Delhi 110 001</p> | <p>81 Key-Tech Engineering Company
301/302, Rajkailash, Plot No.-5B
V.P. Road, Andheri (West)
Mumbai 400 058
Maharashtra</p> |
| <p>72 Johnson Matthey Catalysts
11th Floor, C Block, Building No.8
DLF Cyber City, DLF Phase II
Gurgaon 122 002
Haryana</p> | <p>82 Keytrade AG
India Liaison Office
B-260, Greater Kailash - I
New Delhi 110 048</p> |
| <p>73 Jyoti Consultants
B-79, Defence Colony
Bhisham Pitamaha Marg
New Delhi 110 024</p> | <p>83 Khandelwal Distributors Pvt. Limited
More Kothi, Gangapur
Shyamganj
Bareilly 243 005
Uttar Pradesh</p> |
| <p>74 K.C. Sharma & Co.
16-Advance Appartment, Plot No.-134
Ward 12-C, Lilashah Nagar
Gandhidham
Kutch 370 201
Gujarat</p> | <p>84 Kohinoor Manure Factory
Triveni Sugar Mill Road
Sheikhpura, Khatauli
District Muzaffarnagar 251 201
Uttar Pradesh</p> |
| <p>75 K.P.R. Agrochem Limited
8-256, Tata Nagar
Balabhadrapuram
District East Godavari 533 343
Andhra Pradesh</p> | |

- 85 **Kopperrn Maco Services Pvt. Limited**
6C, Sukhsagar, 2/5, Sarat Bose Road
Kolkata 700 020, West Bengal
- 86 **Krishna Phoschem Limited**
5-O-2, Basement Office
R.C. Vyas Colony, Bhilwara 311 001
Rajasthan
- 87 **Lahari Fertilizers & Agro Industries Pvt. Limited**
F-20//21, Gita Mandir Complex
Subhash Road
Nagpur 440 018, Maharashtra
- 88 **Larsen & Toubro Limited**
Heavy Engineering Division
32, Shivaji Marg
New Delhi 110 015
- 89 **Linde Engineering India Private Limited**
Linde House
Opposite VUDA Office, VIP Road, Karelibaug
Vadodara 390 018, Gujarat
- 90 **Lokmangal Bio-Tech Pvt. Limited**
A-61, M.I.D.C., Chincholi
Solapur 413 255
Maharashtra
- 91 **Louis Dreyfus Company India Pvt. Limited**
8th Floor, Tower A, Building No.5
DLF Cyber City, DLF Phase III
Gurgaon 122 002
Haryana
- 92 **Madhya Bharat Agro Products Limited**
5-0-1, Basement Office
R.C. Vyas Colony
Bhilwara 311 001
Rajasthan
- 93 **Madhyabharat Phosphate Private Limited**
E-7/80, Arera Colony
Near Sai Board
Bhopal 462 016
Madhya Pradesh
- 94 **Manoir Petro India Limited**
B-602, Universal Business Park
Chandivali Farm Road
Saki Vihar Road, Andheri (E)
Mumbai 400 072
Maharashtra
- 95 **Marubeni India Private Limited**
5th Floor, Lotus Towers
Community Centre, New Friends Colony
New Delhi 110 025
- 96 **Maruti Fertochem Limited**
Sidharth Arcade, Railway Station Road
Opposite MTDC
Aurangabad 431 005, Maharashtra
- 97 **MECS India Private Limited**
81, 82, 83, 8th Floor, 2nd North Avenue
Maker Maxity, Bandra-Kurla Complex
Bandra (East), Mumbai 400 051
Maharashtra
- 98 **Midgulf Services India Pvt. Limited**
12th Floor, Pinnacle Mall, Plot No.3
Sector - 10, District Center Dwarka
New Delhi 110 075
- 99 **Mitra S.K. Private Limited**
Shrachi Centre (5th Floor)
74B, AJC Bose Road
Kolkata 700 016, West Bengal
- 100 **Mitsubishi Corporation India Pvt. Limited**
Birla Tower, 5th Floor
25, Barakhamba Road
New Delhi 110 001
- 101 **Morgan Industries Limited**
109, Mahathma Gandhi Road
Nungambakkam
Chennai 600 034, Tamil Nadu
- 102 **Mosaic India Private Limited**
11th Floor, Building 8C
DLF Cyber City, Phase II
Gurgaon 122 002, Haryana
- 103 **Multiplex Bio-Tech Private Limited**
No.180, 1st Main Road
Mahalakshmi Layout
Bangalore 560 086, Karnataka
- 104 **Nagarjuna Agro Chemicals Private Limited**
#6-3-1219/24, 301 & 302, 3rd Floor
Ujjwal Bhavishya Complex
Above Karnataka Bank Ltd.
Street No. : 4, Uma Nagar
Kundan Bagh, Begumpet
Hyderabad 500 016, Telangana

- | | |
|---|---|
| <p>105 Naq Global Private Limited
Plot No 36,37, Fifth Floor, SDC Vinay 1
Moji Colony, Calgary Marg, Malviya Nagar
Jaipur 302 017, Rajasthan</p> | <p>115 Ostwal Phoschem (India) Limited
5-O-1, R.C. Vyas Colony
Bhilwara 311 001
Rajasthan</p> |
| <p>106 Narmada Agro Chemicals Pvt. Ltd.
19-26, Udyognagar
Shardagram Road, District Junagarh
Mangrol 362 225, Gujarat</p> | <p>116 Outokumpu India Private Limited
1104 - 1107, Ansal Tower
38, Nehru Place, New Delhi 110 019</p> |
| <p>107 Narmada Bio-chem Limited
Narmada House
Plot No. 252, TP No.50
Near Sun Builders, Sindhu Bhavan Road
Bodakdev, Ahmedabad 380 054</p> | <p>117 Oxbow Energy Solutions BV
India Liaison Office, 307, Block-4
Hiranandani Meadows, Off Pokharan Road No.2
Thane 400 607
Maharashtra</p> |
| <p>108 Narmada Phosphate Limited
A-33, Priyadarshini Nagar
(Just beside the street of Quality Restaurant)
Vyapar Vihar Road
Bilaspur 495 001
Chattisgarh</p> | <p>118 P.I. Industries Ltd.
5th Floor, Vipul Square
B-Block, Sushant Lok, Phase - 1
Gurgaon 122 009
Haryana</p> |
| <p>109 National Cooperative Development Corporation
4, Siri Institutional Area
Opposite Siri Fort, Hauz Khas
New Delhi 110 016</p> | <p>119 Peregrine Phosphate (P) Limited
No.312, B Wing, 3rd Floor
Mittal Tower, No.6, M.G. Road
Bangalore 560 001
Karnataka</p> |
| <p>110 Neelam Aqua & Speciality Chem Pvt. Ltd.
H-337 (D), Road No.17
V.K.I. Area, Jaipur 302 013
Rajasthan</p> | <p>120 Poorti Agri Services Pvt. Ltd.
3rd Floor, Nishuvi Building
Dr.A.B. Road, Worli
Mumbai 400 018
Maharashtra</p> |
| <p>111 Nico Orgo Manures
Opposite Railway Station
Dakor 388 225
Gujarat</p> | <p>121 Prayon S.A.
202, Aashirwad Building,
K-84, Green Park
New Delhi 110 016</p> |
| <p>112 Nirma Limited
Nirma House
Ashram Road, Near I.T.O.
Ahmedabad 380 009
Gujarat</p> | <p>122 Prima Equipment
21, 3rd Floor, Lohana Building
Raopura
Vadodara 390 001, Gujarat</p> |
| <p>113 OJSC Belarusian Potash Company
504, Suncity Business Tower
Golf Course Road, Sector - 54
Gurgaon 122 002
Haryana</p> | <p>123 Privi Life Sciences Private Limited
Privi House, A-71, TTC Industrial Area
Thane Belapur Road, Kapor Khairane
Navi Mumbai 400 709
Maharashtra</p> |
| <p>114 Orex Minerals Limited
2/20/1, Azad Hind Nagar
Haldia 721 607, West Bengal</p> | <p>124 Progressive Fertichem (P) Ltd.
Nizarapar, Jagi Road
District Morigaon 782 410
Assam</p> |

- 125 **Projects & Development India Limited**
P.O. Box No.125
A-14, Sector-1, Noida 201 301
Uttar Pradesh
- 126 **R.M. Phosphates & Chemicals Pvt. Ltd.**
T-3/1, Bhabhle Phata
Phase II, MIDC Nardona
District Dhule 424 309, Maharashtra
- 127 **Rabo India Finance Private Limited**
GF/A - 03B, Ground Floor
DLF Building No.9, Tower A, DLF Cyber City
Phase-III, Gurgaon 122 002
Haryana
- 128 **Raindia Chemicals Private Limited**
Regus, Office No.401 A, 4th Floor, ABW Building
Rectangle-1
Saket Commercial Complex-D4
Behind Saket Select City
Mall, Saket, New Delhi 110 017
- 129 **Rajasthan State Mines & Minerals Ltd.**
4, Meera Marg
Udaipur 313 001
Rajasthan
- 130 **Rajeev Khanna Consulting Inc.**
Bawa Potteries Compound
Aruna Asaf Ali Road, Vasant Kunj
New Delhi 110 070
- 131 **Rallis India Limited**
156/157 Nariman Bhavan, 15th Floor
227, Nariman Point
Mumbai 400 021, Maharashtra
- 132 **ReAgro International**
404, Star Tower
Sector 30, Silokhera
Gurgaon 122 001, Haryana
- 133 **Reliance Industries Limited**
Industrial Marketing, Building 5-C, 2nd Floor
Reliance Corporate Park, Thane-Belapur Road
Navi Mumbai 400 709
Maharashtra
- 134 **Rhodia Speciality Chemicals India Limited**
Phoenix House, A-Wing, 4th Floor
462, Lower Parel (W)
Mumbai 400 013, Maharashtra
- 135 **Rio Tinto India Pvt. Ltd.**
21st Floor, Tower A, Building No.5
Cyber Terrace, DLF Cyber City, DLF Phase III
Gurgaon 122 002, Haryana
- 136 **Rishi Shipping**
Rishi House, Plot No. 113-116
Ward - 6, Industrial Area, Gandhidham
Kutch 370 201, Gujarat
- 137 **Roshni Crop Sciences Private Limited**
#201, Sai Raja Nivas, Krishnapuram
Road No.10, Banjara Hills
Hyderabad 500 034
Telangana
- 138 **S.L.Dev & Co.**
75, Link Road
Suite No.102, Lajpat Nagar III
New Delhi 110 024
- 139 **Sabic India Pvt. Ltd.**
10th Floor, Ambience Corporate Towers II
Ambience Island
Gurgaon 122 001, Haryana
- 140 **Sai Fertilizers Private Limited**
21, Princep Street
Kolkata 700 071
West Bengal
- 141 **Saipem India Projects Private Limited**
4, Yarlagadda Towers, Fourth Lane
Off Nungambakkam High Road
Chennai 600 034
Tamil Nadu
- 142 **Samsung C&T Corporation India Private Limited**
602B, Konnectus Building, Tower - 2
6th Floor, Bhavbhuti Marg, Near Minto Road
Connaught Place
New Delhi 110 002
- 143 **Sarat Chatterjee & Co. (Visakhapatnam) Pvt. Ltd.**
Shop No.10, Noble House
Hotel Meridien, Janpath
New Delhi 110 001
- 144 **Scientific Agriculture Laboratory Private Limited**
3/196, Natham Main Road
Manthikulam Villakku, Karuvanur Post
Madurai 625 014
Tamil Nadu

- 145 **Seatrans Marine Private Limited**
ABIR KUNJ, 2nd Floor
158, Rajdanga Naba Pally
(Besides HDFC Bank)
Kolkata 700 107, West Bengal
- 146 **Shail Info**
B-053, Oakwood Estate
DLF City, Phase-II
Gurgaon 122 002
Haryana
- 147 **Shiva Global Agro Industries Ltd.**
Near State Bank of India
New Mondha
Nanded 431 602
Maharashtra
- 148 **Shree Pushkar Chemicals and Fertilisers Ltd.**
Office No.308, 3rd Floor
Picasso Plaza
Kondhawa Khurd
Pune 411 048, Maharashtra
- 149 **Shri Ram Solvent Extractions Private Limited**
Kashipur Road, Jaspur
District Udham Singh Nagar 244 712
Uttarakhand
- 150 **Silverline Fertilisers Pvt. Ltd.**
No.12, Arunachala Apartment
M.G. Road, Shastri Nagar
Thiruvemiyur
Chennai 600 041
Tamil Nadu
- 151 **Sim Infosystems Private Limited**
No.11, 1st Cross Street
Nehru Nagar, Kottivakkam
Chennai 600 041
Tamil Nadu
- 152 **Spraygro Kesiraju India Private Limited**
2-2-18/18/4/52, Plot No.38
II Floor, Durgabai Deshmukh Colony
Hyderabad 500 013
Telangana
- 153 **Sree Ramcides Chemicals Pvt. Ltd.**
No. 47 & 49, Bazulla Road
7th Floor, VBC Solitaire, T. Nagar
Chennai 600 017
Tamil Nadu
- 154 **Sriganesh Fertilizers & Chemicals Pvt. Ltd.**
Swastik Bhawan, 2nd Floor
9/1, Manorama Ganj, A.B. Road
Indore 452 001
Madhya Pradesh
- 155 **SRK Chemicals Ltd.**
"Neelkanth House"
BBZ, S-60, Zanda Chowk
Gandhidham
District Kutch 370 201
Gujarat
- 156 **Subhashri Bio Energies Private Limited**
67, Goundampalayam (Village)
Kumaramangalam Post, Tiruchengodu
District Namakkal 637 205
Tamil Nadu
- 157 **Sud-Chemie India Pvt. Ltd.**
401/402 - Office Block, DLF Place
Plot : A-4, District Centre, Saket
New Delhi 110 017
- 158 **Sulphur Mills Limited**
604/605, 349-Business Point, 6th Floor
Western Express Highway, Andheri (E)
Mumbai 400 069
Maharashtra
- 159 **Sumitomo Corporation India Pvt. Ltd.**
Office No.1, Unit - B
5th Floor, S-14, Solitaire Corporate Park
167, Guru Hargobindji Road, Chakala
Andheri (East), Mumbai 400 093
Maharashtra
- 160 **Sun International Pvt. Ltd.**
7th Floor, Le Meridien Commercial Tower
Raisina Road
New Delhi 110 001
- 161 **Sunland Projects Private Limited**
124-A, Motilal Nehru Road, 1st Floor
Kolkata 700 029
West Bengal
- 162 **Swal Corporation**
Jayant Villa, Uniphos House
Madhu Park, CD Marg
11th Road, Khar (West)
Mumbai 400 052
Maharashtra

- 163 **T.J. Agro Fertilizers Pvt. Ltd.**
A-2/3, J.K. Tower
Near Grid, Kabilpore
Navsari 396 424, Gujarat
- 164 **Technip India Limited**
Technip Centre
No.19, Velachery Main Road, Guindy
Chennai 600 032, Tamil Nadu
- 165 **Technology Development Board**
Wing - A, Ground Floor, Vishwakarma Bhawan
Shaheed Jit Singh Marg
New Delhi - 110 016
- 166 **Tecnimont Private Limited**
Building No.-2, Plot No.504
Chincholi Bunder, Link Rd., Malad (W)
Mumbai 400 064, Maharashtra
- 167 **Teesta Agro Industries Limited**
P.O. Rajganj
Distt. Jalpaiguri
Jalpaiguri 735 134
West Bengal
- 168 **The Andhra Pradesh State Co-operative Marketing Federation Ltd.**
5-2-68, 3rd Floor
Mahatma Gandhi Markfed Bhavan
Jambagh, Hyderabad 500 095
Telangana
- 169 **The Gujarat State Cooperative Marketing Federation Limited**
N.P. Patel Sahkar Bhavan
49, Shrimali SO. Opposite Navrangpura Police Station, Navrangpura
Ahmedabad 380 009
Gujarat
- 170 **The Haryana State Cooperative Supply and Marketing Federation Limited**
Hafed Complex, Sector - 5
Panchkula 134 114
Haryana
- 171 **The Karnataka State Co-operative Marketing Federation Ltd.**
No.-8, Cunningham Road
Post Box No. 130
Bangalore 560 001
Karnataka
- 172 **The Kerala State Co-operative Rubber Marketing Federation Limited**
P.B. No.15, Gandhi Nagar
Kochi 682 020, Kerala
- 173 **The Madhya Pradesh State Cooperative Marketing Federation Ltd.**
P.O. Jehangirabad
Bhopal 462 008
Madhya Pradesh
- 174 **The Maharashtra Agro-Industries Development Corporation Limited**
Rajan House, 3rd Floor
Near Centur Bazar, Prabha Devi
Mumbai 400 025
Maharashtra
- 175 **The Maharashtra State Cooperative Marketing Federation Ltd.**
Kanmoor House
P.B. No. 5080, Narsi Natha Street
Mumbai 400 009, Maharashtra
- 176 **The Tamil Nadu Cooperative Marketing Federation Ltd.**
No. 91, St. Mary's Road
Chennai 600 018
Tamil Nadu
- 177 **The Vidarbha Cooperative Marketing Society Ltd.**
Industrial Area
Model Mill Road, Ganeshpeth
Nagpur 440 018, Maharashtra
- 178 **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
- 179 **Therapeutics Chemical Research Corporation**
2nd and 3rd Floor, Shiv Industrial Estate
K V Balmukund Marg
Chinchpokli (E)
Mumbai 400 012
Maharashtra
- 180 **ThyssenKrupp Industrial Solutions (India) Private Limited**
Uhde House, Lal Bahadur Shastri Marg
Vikhroli (W), Mumbai 400 083
Maharashtra

- 181 **Toyo Engineering India Private Limited**
214, Splendor Forum, Jasola District Centre
Near Apollo Hospital
New Delhi 110 044
- 182 **Tradex India Corporation Pvt. Ltd.**
C-15, Qutab Institutional Area
New Delhi 110 016
- 183 **Trammo India Pvt. Limited**
Commodities Division
Unit No.O-503 A, 5th Floor
Salcon Rasvilas, D-1, District
Centre Saket, New Delhi 110 017
- 184 **Transworld Furtichem Private Limited**
Office No.1802, The Affairs
Sector - 17, Plot No. 09, Sanpada
Navi Mumbai 400 705, Maharashtra
- 185 **Trimex Industries Limited**
Trimex Tower, No.1, Subbaraya Avenue
C.P. Ramaswamy Road, Alwarpet
Chennai 600 018
Tamil Nadu
- 186 **Tubacex Service Solutions India Private Limited**
402 A, Platina, G-Block,
Bandra Kurla Complex, Bandra (East)
Mumbai 400 051, Maharashtra
- 187 **Universal Industries**
B-8, Industrial Estate
Bazpur Road, Kashipur 244 713
Uttarakhand
- 188 **Universal Speciality Chemicals Pvt. Ltd.**
502/A, Bezzola Complex
Sion, Trombay Road, Chembur
Mumbai 400 071, Maharashtra
- 189 **Uralkali Trading SIA**
303, Eros Corporate Tower
Nehru Place, New Delhi 110 019
- 190 **Vardhman Fertilizers & Seeds Pvt. Ltd.**
B-1, Vidha Cooperative Society
73/1, Erandwane
Pune 411 004 Maharashtra
- 191 **Varun Fertilizers Pvt. Ltd.**
South Tukoganj, Indore 452 001
Madhya Pradesh
- 192 **Vasu Chemicals**
Opposite Blossom Soc., Military Road
Marol, Andheri (E)
Mumbai 400 059, Maharashtra
- 193 **VBC Fertilizers and Chemicals Ltd.**
2nd Floor, Progressive Towers
Khairatabad
Hyderabad 500 004, Telangana
- 194 **Vedanta Limited**
Unit Sterlite Copper
Sipcot Industrial Complex, T.V. Puram
P.O. Tuticorin 628 002, Tamil Nadu
- 195 **Vimal Organics Limited**
D-35, Bulandshahar Road
Industrial Area
Ghaziabad 201 009
Uttar Pradesh
- 196 **Vinayaka Agro Fertilisers India (P) Ltd.**
Survy No. 2456/1, Sarvepalli Bit - II (V)
Venkatachalam Mandal, S.P.S.R.
District Nellore 524 321
Andhra Pradesh
- 197 **Wartsila India Pvt. Ltd.**
21, Kesar Solitaire
Palm Beach Road, Plot No. 05
Sector 19, Sanpada
Navi Mumbai 400 705, Maharashtra
- 198 **West Bengal Mineral Development and Trading Corporation Limited**
2nd Floor, 13 Nellie Sarani Road
Kolkata 700 087, West Bengal
- 199 **Yara Fertilisers India Private Limited**
502, Global Business Square
Plot No.32, Sector-44, Gurgaon 122 002
Haryana

OVERSEAS ASSOCIATE MEMBERS

- 1 **Agrifields DMCC**
705, JBC5, Jumeirah Lake Towers
PO Box 111225
Dubai, UAE
- 2 **Aries Fertilizers Group Pte Ltd.**
#10-10, 6 Shenton Way
DBS Building Tower Two
Singapore 068809

- | | |
|---|--|
| <p>3 Cnampgc Holding Limited Corporation
13F, Entrance C, Global Finance & News Center
No.1, Xuawumen Wai Avenue, Xicheng District
Beijing 100052, China</p> <p>4 CRU International Ltd.
CRU, Chancery House
53-64, Chancery Lane
London WC2A 1QS, United Kingdom</p> <p>5 Danakali Ltd.
Ground Floor, 31, Ventnor Avenue
West Perth, Western Australia</p> <p>6 Foskor Ltd.
P.O. Box 1
Phalaborwa 1390, Transval
Republic of South Africa</p> <p>7 Haldor Topse A/S
Jes Nikolaj Knudsen
Nymollevvej 55, DK-2800 KGS
Lyngby, Denmark</p> <p>8 ICIS
Quadrant House
The Quadrant, Sutton
Surrey, SM2 5A5, United Kingdom</p> <p>9 ICL Fertilizers
Potash House P.O.B. 75
Beer-Sheva, 84100, Isreal</p> <p>10 Indo Jordan Chemicals Co. Ltd.
P.O. Box 17028
Amman 11195, Al Rabia
Al Rabia, Hashemite
Kingdom of Jordan</p> <p>11 Jordan Phosphate Mines Co. S.A.
P.O. Box No.30
Amman, Jordan</p> <p>12 JSC NIIK
Russia, Nizhny Novgorod region
Griboedov Street, 31, 606008
Dzerzhinok 606008, Russia</p> <p>13 Kalyaan Resources DMCC
P.O. Box No.392089
Platinum Tower, 1407, Jumeirah Lake Towers
Dubai, U.A.E.</p> <p>14 Kisan International Trading FZE
Emaar Business Park # 2
Office EMO 562, Jebel Ali, P.O. Box 261835
Dubai, UAE</p> | <p>15 Koch Fertilizer Asia Pvt. Ltd.
260 Orchard Road
11, The Heeren
Singapore 238855</p> <p>16 Ma'aden Phosphates Company
P.O. Box 11110, Al-Jubail-31961
Kingdom of Saudi Arabia</p> <p>17 OCP S.A.
Direction Commerciale,
Angle Route d E1 Jadida et Boulevard
Dela Grande Ceinture
Casablanca, Morocco</p> <p>18 Oman India Fertiliser Company S.A.O.C.
P.O. Box No. 67, PC-411
Sur, Sultanate of Oman</p> <p>19 Qatar Fertiliser Co. (SAQ)
P.O. Box 50001, Umm Said-Qatar
Arabian Gulf</p> <p>20 Quantum Fertilisers Ltd.
2302A, Great Eagle Centre
23, Harbour Road
Wanchai, Hong Kong</p> <p>21 Ruwais Fertilisers Industries (FERTIL)
Takreer Tower, ADNOC Group of Companies
Complex, Shaikh Khalifa Energy Complex)
Corniche Road, P.O. Box 2288
Abu Dhabi, UAE</p> <p>22 Saf Sulphur Factory
P.O. Box 70482, Riyadh - 11567
Kingdom of Saudi Arabia</p> <p>23 Saudi Arabian Mining Company "Ma'aden"
P.O. Box 68861, Riyadh 11537
Kingdom of Saudi Arabia</p> <p>24 Stamicarbon B.V.
Mercator 3, 6135 KW Sittard
P.O. Box 53, 6160, AB Geleen
The Netherlands</p> <p>25 The Arab Potash Company Ltd.
P.O. Box 1470
Amman 11118, Jordan</p> <p>26 Ulex Andes - USA LLC
370 NE Camano Island Drive
Suite 5-69 Camano Island
WA 98282, USA</p> |
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63rd FAI ANNUAL REPORT 2017-18



GLIMPSE OF COVERAGE IN PRINT AND ELECTRONIC MEDIA

K. S. RAJU ELECTED AS THE NEW CHAIRMAN OF FERTILISER ASSOCIATION OF INDIA (FAI)
 Chairman of FAI. Earlier, he was Chairman during the 2008-2010 term. The decision was taken at a recent FAI board meeting in New Delhi.

MANOJ MISHRA ELECTED AS CO-CHAIRMAN FOR FERTILISER ASSOCIATION OF INDIA (FAI)
 Mishra is the Chairman and Managing Director of National Fertiliser Union (NFIU). Also, he is a member of Institute of Cost Accountants of India and has professional experience of more than 30 years in various public sector Undertaking and co-operative sector.

FAI elects Raju chairman Mishra co-chairman
K.S RAJU has been elected as the chairman and Manoj Mishra as co-chairman of the Fertiliser Association of India (FAI).

Nationwide roll-out of DBT faces Post network failures, biometric glitches

Fertiliser, tractor part rates slashed
 Ahead of peak kharif sowing and keeping in mind farmer unrest across the country, the Goods and Services Tax Council lowered the rate on fertiliser from 12 per cent to five and on tractor parts from 28 per cent to 18 per cent.

Fertiliser sector meet to discuss high tax on raw materials under GST, unpaid subsidies
 Industry staring at loss of ₹580 crore on account of urea, say players

Policy tweaks boost fertiliser sector

Direct transfer, 2 lakh sale points: Big fertiliser subsidy reform rollout in June

Fertilisers vital for doubling farm income: Ran

Fertiliser direct benefit transfer could hurt companies' cash flow

Inverted duty structure post-GST has fertiliser industry all worked up

SEEDS OF CHANGE
 Urea, DAP, and PDS are key fertilizers. The chart shows a significant increase in urea and DAP usage, while PDS usage remains relatively stable.

OUR BUREAU
 New Delhi, December 11
 Chemical nutrients have a very important role in enhancing farm productivity and it would be difficult to achieve the set goal of doubling farmers' income by 2022 without the help of the domestic fertiliser industry, said agriculture economist and NITI Aayog member Ramesh Chand on Thursday.

NO look for doubling farm income, he said. The government has promised the industry that it would clear dues of ₹22,000 crore and disburse fertiliser subsidy of ₹70,000 crore for the year, by March 31.

SAIISHA CHANDER
 Director General, FAI

Form No. MGT-9

Extract of Annual Return as on the Financial Year ended on 31.03.2018

(a) Extract of Annual Return

I. Registration and other details:

i)	CIN	:	U85300DL1955NPL002999
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.
v)	Sub-category of the Company	:	Company licensed U/s 26 of the Indian Companies Act 1913 corresponding to section 8 of the Companies Act 2013.
vi)	Address of the Registered office and contact details	:	FAI House, 10, Shaheed Jit Singh Marg New Delhi-110067 Tele: 011-26567144
vii)	Whether listed company	:	No
viii)	Name, Address and contact details of Registrar and Transfer agent, if any	:	N.A.

II.	Principal Business Activities of the Company	:	To unite all firms, companies, corporations, associations and individuals engaged in the fertilizer industry in India with a view to promoting the consideration and discussion of all questions affecting the trade of fertilizers and the interest of sound agriculture and for the improvement of the economic development of the fertilizer and agricultural industries, etc.
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III.	Particulars of Holding, Subsidiary and Associate companies	:	NIL
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IV.	Share Holding Pattern (Equity Share capital Breakup as percentage of Total Equity)	:	N.A.
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V.	Indebtedness	:	NIL
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VI. Remuneration of Director General*

			Rs.
i)	Salary	:	38,12,442.00
ii)	Perquisites	:	21,71,516.00
iii)	Others	:	<u>18,64,474.00</u>
	Total	:	<u>78,48,432.00</u>

* Includes Arrear salary from January 2017 to March 2018.

VII.	Penalties/Punishment/Compounding of Offences	:	NIL
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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 2018 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 2018, 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 (Appeals) for financial year 2013-2014 and 2014-2015 (under the Income Tax Act, 1961). If the litigations are not in favor 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 2018 taken on record by the Board of Directors, none of the directors is disqualified as on 31 March 2018 from being appointed as a director in terms of Section 164(2) of the Act.

Rajeev Lochan, Partner

Membership Number: 086742

[Lochan & Co](#)

Chartered Accountants

Firm Registration Number: 008019N

Place : Delhi

Date : 30th July, 2018

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THE FERTILISER ASSOCIATION OF INDIA
BALANCE SHEET
As at March 31, 2018



63rd FAI ANNUAL REPORT 2017-18

(Amount in INR)

As at 31 March 2017	Liabilities	As at 31 March 2018	As at 31 March 2017	Assets	As at 31 March 2018
	Reserves and Surplus			Fixed Assets (Net Block)	
1,967,164	General Reserve	1,967,164		(As per Schedule 'A')	
	Income and Expenditure Account			Gross cost	54,316,590
172,587,822	As per previous year's Balance Sheet	191,420,819	32,755,247	Less: Depreciation	22,662,923
18,832,997	Add: Excess of Income over Expenditure	20,157,324		Earmarked Accounts	
	Earmarked Accounts			(Per contra)	
	(Invested per contra)			The Sulphur Institute (TSI) Awards	
	The Sulphur Institute (TSI) Awards		445,935	(As per Schedule 'D(i)')	470,294
445,935	(As per Schedule 'B(i)')	211,578,143		International Plant Nutrition Institute of Canada (IPNI) Awards	
	International Plant Nutrition Institute of Canada (IPNI) Awards			(As per Schedule 'D(ii)')	387,768
	(funds received from International Plant Nutrition Institute of Canada - India Programme represented by IPNI India and Bangladesh Program, Gurugram)			National Fertilizers Limited (NFL) Awards	
363,938	(As per Schedule 'B(ii)')	387,768	545,018	(As per Schedule 'D(iii)')	577,235
	National Fertilizers Limited (NFL) Awards			IMPPOS Awards	
	(funds received from National Fertilizers Limited, New Delhi)			(As per Schedule 'D(iv)')	-
545,018	(As per Schedule 'B(iii)')	577,235	2,525,274	Golden Jubilee Endowment (GJEF) Fund	
	IMPPOS Awards			(As per Schedule 'D(v)')	4,936,218
					6,371,515

THE FERTILISER ASSOCIATION OF INDIA
BALANCE SHEET
As at March 31, 2018

(Amount in INR)

As at 31 March 2017	Liabilities	As at 31 March 2018	As at 31 March 2017	Assets	As at 31 March 2018
	(funds received from World Phosphate Institute, Morocco)			Current Assets, Loans and Advances	
886,690	(As per Schedule 'B(iv)')	-	335,297	(i) Stock of Paper (at Cost)	48,957
	Golden Jubilee Endowment (GJEF) Fund			(ii) Sundry Debtors	
2,525,274	(As per Schedule 'B(v))	4,936,218	6,371,515	unsecured	
45,626,832	Agriculture Promotion Project	42,798,646		(a) Outstanding for a period exceeding six months	
	(As per Schedule 'C(i)')			Considered good	695,241
223,863	Agriculture Promotion Project - Public Relation	86,663		Considered doubtful	130,197
	(As per Schedule 'C(ii))			Sub total	825,438
	Current Liabilities and Provisions			Less: Provision for doubtful debts	130,197
	A. Current Liabilities			(b) Other debts	
144,409	Government Dues	1,298,304		Considered good	5,731,326
	<u>Sundry creditors</u>			Considered doubtful	-
3,280,735	Dues of other than Small Scale Industrial Undertakings	695,889		Sub total	5,731,326
24,279,924	Advances received against membership subscription, training fees, rent, advertisements and research project	18,096,204	6,313,443	Less: Provision for doubtful debts	5,731,326
	B. Provisions			(iii) Cash and Bank Balances	
-	Provision for expenses	5,962,470	32,407	Cash and cheques on hand	84,147
				Balance with scheduled banks	
			170,003	On current accounts	347,154
			179,034,061	On deposit accounts	195,481,485
			13,072,025	On Saving bank accounts	7,501,687

THE FERTILISER ASSOCIATION OF INDIA
BALANCE SHEET
As at March 31, 2018

(Amount in INR)

As at 31 March 2017	Liabilities	As at 31 March 2018	As at 31 March 2017	Assets	As at 31 March 2018
			5,47,196	On Cit Bank - Current Account	204,060,330
			547,196	(iv) Loans and Advances	
				(Unsecured and considered good)	
			13,694,404	Advances recoverable in cash or in kind or for value to be received	12,793,228
			18,212,639	Income Tax deducted at Source	21,700,689
			8,777,024	Interest accrued on deposit	5,740,045
271,710,601	Total	288,794,998	271,710,601	Total	288,794,998

Summary of Significant Accounting Policies and Notes to Accounts - Schedule 'F'
The accompanying schedules form an integral part of these financial statements.
As per Audit Report of even date attached

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

Place: New Delhi
Date: 30th July, 2018

D. Ramakrishnan
(Secretary & Treasurer)

Satish Chander
(Director General)

K.S. Raju
(Chairman)

THE FERTILISER ASSOCIATION OF INDIA INCOME AND EXPENDITURE ACCOUNT - For the year ended on March 31, 2018

(Amount in INR)

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
32,458,705	Salaries and Wages	35,902,912		Entrance fee from members	
3,021,906	Contributions to provident fund	3,160,224	-	- Active	-
3,615,411	Contributions to superannuation and other funds	3,920,812	3,700	- Associate	8,000
1,603,283	Contribution to gratuity fund	5,310,234		Membership fees from members	
164,344	Contribution to leave encashment assurance scheme	100,567	23,439,000	- Active	23,003,000
2,705,621	Staff welfare expenses	3,043,675	3,360,000	- Associate	3,480,000
4,819,263	Cost of publications (excluding overheads)	4,928,546	3,615,513	- Overseas associate	2,699,264
1,013,452	Workshops, seminars, meetings etc.	988,347	358,500	- Technical and professional associate	351,160
17,093,926	Annual seminar expenses	15,694,875	1,382,422	- Website subscription	2,050,987
1,172,528	Rates and taxes	1,710,931	8,572,500	Rent (gross)	12,847,540
1,900,054	Electricity and water (net of recoveries)	1,717,667		[Tax deducted at Source: INR 1,284,760 (Previous Year: INR 1,000,130)]	
179,831	Insurance	110,729	5,548,740	Advertisement revenue	5,674,841
2,051,598	Printing and stationery expenses Postage, telephone and fax etc.	2,057,685		[Tax deducted at Source: INR 66,119 (Previous Year: INR 113,685)]	
288,367	Journals and periodicals	104,010	1,788,458	Sale of association's publications	2,400,424
3,439,632	Travelling and conveyance expenses	2,761,926		Training courses for technical / marketing personnel, Industry agronomist etc.	
	Repairs and maintenance expenses			(As per Schedule 'E')	
916,094	- Building	249,526		Training fee received	10,323,288
178,435	- Plant and machinery	156,000	4,257,527	Less: Training Programme Expenses (excluding overheads)	6,091,359
1,364,502	- Others	430,422	38,201,584	Annual Seminar Receipts	40,858,087
315,370	- Security charges (building)	351,692	1,187,641	Interest received from deposits with banks and companies etc. (Gross)	16,934,817
	Awards	300,000		Less: Transferred to	
	Less: Transferred to			TSI Award	24,360
	TSI Award	-		IPNI Award	23,830
	IPNI Award	-		NFL Award	32,217

THE FERTILISER ASSOCIATION OF INDIA

INCOME AND EXPENDITURE ACCOUNT - For the year ended on March 31, 2018

(Amount in INR)

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
	TSI Award	-		IPNI Award	23,830
	IPNI Award	-		NFL Award	32,217
	APP Award	-		IMPPOS Award	-
	GJE Fund	300,000		GJE Fund	210,944
	Sub total	300,000	13,874,810	Sub total	291,351
874,505	Bad debts written off	32,360	134,988	Loans to staff	105,207
287,500	Provision for doubtful debts	-	423,038	Provision for doubtful debts written back	
2,388,111	Depreciation	2,634,958	1,044,896	Miscellaneous receipts	1,056,324
112,126	Audit fee (net of adjustment of Input Tax Credit on audit fees of previous year)	96,500			
-	Loss on sale of fixed assets	498,437			
37,215	Professional and consultancy charges	3,530,700			
471,028	Exchange fluctuations	392,503			
4,699,872	Miscellaneous expenses	5,654,166			
18,832,997	Balance being excess of income over expenditure for the year (carried to Balance Sheet)	20,157,324			
106,005,676	Total	115,697,729	106,005,676	Total	115,697,729

Summary of Significant Accounting Policies and Notes to Accounts - Schedule 'F'
The accompanying schedules form an integral part of these financial statements.
As per Audit Report of even date attached

Rajeev Lochan, Partner
Membership Number: 086742
Lochan & Co

Chartered Accountants
Firm Registration Number: 008019N

Place: New Delhi
Date : 30th July 2018

D. Ramakrishnan
(Secretary & Treasurer)

Satish Chander
(Director General)

K.S. Raju
(Chairman)

Schedule "A"

Fixed Assets as on March 31, 2018

(Amount in INR)

Particulars	GROSS BLOCK			DEPRECIATION			NET BLOCK		
	As at 01 April 2017	Additions during the year	Deductions during the year	As at 31 March 2018	As at 01 April 2017	For the year	Deductible on during the year	As at 31 March 2018	As at 31 March 2017
Leasehold Land	144,904	-	-	144,904	-	-	-	144,904	144,904
Buildings	29,187,695	1,557,398	743,940	30,001,153	6,982,986	481,917	195,903	22,732,153	22,204,709
Air-conditioning plant and diesel generator set	5,514,783	-	-	5,514,783	2,259,451	298,230	-	2,957,102	3,255,392
Furniture & Fittings etc.	7,580,776	91,025	-	7,671,801	4,117,803	852,146	-	2,701,852	3,462,972
Office Equipment, air conditioners etc.	2,501,302	27,600	-	2,528,902	2,133,498	116,444	-	278,960	367,804
Vehicle	4,475,198	-	-	4,475,198	2,324,815	469,600	-	1,680,783	2,150,383
Computers	3,574,457	405,392	-	3,979,849	2,405,315	416,621	-	1,157,913	1,169,141
Total	52,979,115	2,081,415	743,940	54,316,590	20,223,868	2,634,958	195,903	31,653,667	-
Previous Year	48,501,444	4,482,474	4,803	52,979,115	17,840,559	2,388,111	4,802	20,223,868	32,755,246

Schedule "B"

EARMARKED ACCOUNTS

(invested per contra)

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

(Amount in INR)

Previous Year	Particulars	Current Year
417,972	Balance as per last year's Balance Sheet	445,934
27,963	Add: Interest received / accrued on deposits during the year	24,360
445,935	Sub total	470,294
-	Less: Awards	-
445,935	Balance	470,294

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

(Amount in INR)

Previous Year	Particulars	Current Year
392,335	Balance as per last year's Balance Sheet	363,938
26,754	Add: Interest received / accrued on deposits during the year	23,830
419,089	Sub total	387,768
55,151	Less: Awards	-
363,938	Balance	387,768

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

(Amount in INR)

Previous Year	Particulars	Current Year
509,742	Balance as per last year's Balance Sheet	545,018
35,276	Add: Interest received / accrued on deposits during the year	32,217
545,018	Sub total	577,235
-	Less: Awards	-
545,018	Balance	577,235

Schedule "B(iv)": Funds received from World Phosphate Institute, Morocco for IMPHOS Awards

(Amount in INR)

Previous Year	Particulars	Current Year
823,685	Balance as per last year's Balance Sheet	886,690
63,005	Add: Interest received / accrued on deposits during the year	55,124
886,690	Sub total	941,814
-	Less: Amount transferred to APP Fund	941,814
886,690	Balance	-

Schedule "B(v)": Funds received from Golden Jubilee Endowment Fund (GJEF)

(Amount in INR)

Previous Year	Particulars	Current Year
2,442,670	Balance as per last year's Balance Sheet	2,525,274
-	Funds Transferred from Agricultural Promotional Project	25,00,000
192,777	Add: Interest received / accrued on deposits during the year	210,944
2,635,447	Sub total	5,236,218
110,173	Less: Awards	300,000
2,525,274	Balance	4,936,218

Schedule "C(i)": Agriculture Promotional Project (APP)

(Amount in INR)

Previous Year	Particulars	Current Year
46,449,813	Balance as per last year's Balance Sheet	45,626,832
-	Add: Funds transferred from IMPHOS Earmarked Account	941,814
46,449,813	Total (A)	46,568,646
	Less: Expenditure incurred on the Project	
102,981	Fund transferred to Golden Jubilee Endowment Fund	2,500,000
-	National Conference on Potassium Management in Indian Agriculture	260,000
720,000	Honorarium	720,000
-	Project on doubling the income of Farmers	350,000
822,981	Total (B)	3,830,000
45,626,832	Balance [(A) – (B)]	42,738,646

Schedule "C(ii)": Agriculture Promotional Projects – Public Relation

(Amount in INR)

Previous Year	Particulars	Current Year
2,544,189	Balance as per last year's Balance Sheet	223,863
	Less: Expenditure incurred on the Project	
75,450	Miscellaneous Expenses	119,200
2,040,699	Updation of Corporate Film	18,000
204,177	Honorarium	-
2,320,326	Total (B)	137,200
223,863	Balance [(A) – (B)]	86,663

Schedule "D"

EARMARKED ACCOUNTS

(per contra)

Schedule "D(i)": Application of funds received from The Sulphur Institute (TSI) for Awards as at 31 March 2018

(Amount in INR)

Previous Year	Particulars	Current Year
123,540	Balance with a scheduled bank in savings bank account	150,353
300,000	Deposit with scheduled bank	300,000
4,852	Interest accrued on deposits	-
17,541	T.D.S. recoverable	19,941
445,935	Total	470,294

Schedule "D(ii)": Application of funds received from the International Plant Nutrition Institute (IPNI) for Awards as at 31 March 2018

(Amount in INR)

Previous Year	Particulars	Current Year
67,352	Balance with a scheduled bank in savings bank account	91,988
290,241	Deposit with scheduled bank	290,241
4,205	Interest accrued on deposits	3,399
2,140	T.D.S. recoverable	2,140
363,938	Total	387,768

Schedule "D(iii)": Application of funds received from the National Fertilizers Limited (NFL) for Awards as at 31 March 2018

(Amount in INR)

Previous Year	Particulars	Current Year
171,521	Balance with a scheduled bank in savings bank account	204,690
368,000	Deposit with scheduled bank	368,000
4,676	Interest accrued on deposits	3,724
821	T.D.S. recoverable	821
545,018	Total	577,235

Schedule “D(iv)”: Application of funds received from the World Phosphate Institute, Morocco, for IMPHOS Awards as at 31 March 2018

(Amount in INR)

Previous Year		Current Year
31,897	Balance with a scheduled bank in savings bank account	31,897
720,907	Deposit with scheduled bank	720,907
128,687	Interest accrued on deposits	183,811
5,199	T.D.S. recoverable	5,199
886,690	Subtotal (A)	941,814
	Less: Amount transferred to APP (B)	941,814
886,690	Total [(A) – (B)]	-

Schedule “D(v)”: Application of funds received from the Golden Jubilee Endowment Fund as at 31 March 2018

(Amount in INR)

Previous Year		Current Year
307,963	Balance with a scheduled bank in savings bank account	2,315,339
2,173,000	Deposit with scheduled bank	2,523,000
17,787	Interest accrued on deposits	71,355
26,524	T.D.S. recoverable	26,524
2,525,274	Total	4,936,218

Schedule “E”: Receipts and Expenses against the training courses for technical / marketing personnel industry etc. held during the year ended on 31 March 2018

(Amount in INR)

Previous Year	Receipts	Current Year
10,586,183	Training Fees Received (A)	10,323,288
	Less: Expenses incurred	
4,794,093	Boarding and Lodging Expenses	4,089,055
489,908	Travelling and Conveyance Expenses	476,117
70,838	Honorarium	99,500
82,649	Photographs	13,550
891,168	Miscellaneous Expenses	1,413,137
6,328,656	Total (B)	6,091,359
4,257,527	Net Receipts [(A) – (B)]	4,231,929

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.
- ◆ 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, herewith as compare to useful life of the as sets as per management used earlier, are as follows:

	Life estimated by Management	Life as per Schedule II
Building	61 Years	60 years
Air conditioner & Generator Sets	21 Years	15 years
Furniture & Fixture	16 Years	10 years
Office Equipment	21 years	5 years
Vehicle - Car	10.5 years	6 years
Vehicle - Motor Cycle	10.5 years	10 years
Computer	6 years	3 years
Server	6 years	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 the Association through Life Insurance Corporation (LIC) of India. Contributions to the gratuity fund, superannuation fund and Group Leave Encashment Scheme are made in accordance with the terms of the scheme of LIC of India. Periodic Contributions to the funds are charged against revenue each year.
- c) Liability for leave encashment benefit payable to employees on retirement is provided on an arithmetical basis calculated on the basis of accumulated un-availed leaves standing to the credit of employees at the yearend 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 upto 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 yearend 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.

		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.	6,522,311	6,095,692
10	Managerial remuneration of the Director General under section 197 of the Companies Act, 2013 (including arrears for the previous year)*	7,848,432	5,209,829
	* does not include incremental liabilities for gratuity and leave encashment, if any		
11	Auditors' remuneration (excluding service tax / Goods & Service Tax)		
	As Audit Fee	110,000	90,000
12	Expenditure in foreign currency on account of:		
	a) Subscription to foreign journals and books	8,294	220,960
	b) Membership of foreign organizations	13,893	5,579
	c) Foreign Travel	976,276	1,407,674
13	Earnings in foreign exchange (cash basis) for sale of publications, advertising, membership fees etc.	25,729,056	26,625,063

- 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 Association vide on 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.
- 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 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 three 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 2018 are as under:

Description of the asset	Gross carrying Amount	Depreciation for the year	Accumulated depreciation
Building	5,595,420	91,980	1,627,257

19. Litigation in favor of the Association

- i. The Assistant / Deputy Commissioner of Income Tax (Exemption), New Delhi has raised the income tax demand of INR10,821,340 (including interest) in assessment under section 143(3) of the Income tax, 1961 for assessment year corresponding to financial year 2009-2010. The Association has filed appeal before Commissioner of Income Tax (Appeal) on 25 April 2013. A lump sum payment of INR 850,000 has been made against this demand and classified under "Advances recoverable in cash or kind". The Commissioner of Income Tax (Appeal), vide his order dated 31 December 2014, partly allowed the appeal. Therefore, an appeal was filed before the Income Tax Appellate Tribunal (ITAT), New Delhi on 05 March 2015. The ITAT, New Delhi allowed the appeal of the Association vide its Order dated 27 March 2017. The Commissioner of Income Tax (Exemptions), New Delhi appealed before Honorable High Court, Delhi on 06 September 2017, praying for setting aside the order of ITAT.
- ii. The Income Tax Officer (Exemption), New Delhi has raised income tax demand of INR 13,938,530 (including interest) in assessment under section 143(3) of the Income Tax, 1961 for assessment year corresponding to financial year 2010-2011. The Association has filed an appeal before Commissioner of Income Tax (Appeal) on 28 April 2014. The amount of INR 7,000,000 has been made against this demand and classified under "Advances recoverable in cash or kind". The Commissioner of Income Tax (Appeals), vide his Order dated 19 July 2016 confirmed the action of the Assessing Officer with regard to denial of exemption under sections 11 and 12 of the Income Tax Act, 1961. The Association filed an appeal against the Order of Commissioner of Income Tax (Appeals) before ITAT, New Delhi on 27 September 2016. The ITAT, New Delhi allowed the appeal of the Association vide its Order dated 09 May 2017. The Commissioner of Income Tax (Exemptions) appealed before Honorable High Court, Delhi on 06 September 2017, praying for setting aside the order of ITAT.
- iii. The Honorable High Court, Delhi, vide its Order dated 13 November 2017, dismissed the above appeals of the Commissioner of Income Tax (Exemptions).

20. Contingent Liabilities

- i. The Deputy Commissioner of Income Tax (Exemption), New Delhi has raised an income tax demand of INR 8,802,450 (including interest) in assessment under section 143(3) for assessment year corresponding to financial year 2013-2014. The Association has filed an appeal before Commissioner of Income Tax (Appeal) on 18 January 2017. The appeal is in progress.
- ii. 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) 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 is in progress.

21. Previous year's figures have been regrouped / recast, wherever necessary.

As per Audit Report of even date attached

Rajeev Lochan, Partner

Membership Number: 086742

Lochan & Co

Chartered Accountants

Firm Registration Number: 008019N

Place: New Delhi

Date: 30th July, 2018

D. Ramakrishnan
(Secretary & Treasurer)

Satish Chander
(Director General)

K.S. Raju
(Chairman)

SENIOR STAFF OF FAI

CENTRAL OFFICE

Shital S. Bhende	Senior Agronomist
Rama Gupta	Senior Officer (Accounts)
K.Mohan	Senior Officer (Accounts)
M.M.Sharma	PS to DG
Lalit Kumar	Agronomist
Anita Kumari	Officer (Publicity)
Ankita Pandey	Technical Officer
Chanchal Soni	Statistical Officer
Celine George	Officer (Secretarial)
Rohit Chaturvedi	Junior Statistical Officer
Ajay Kumar	Junior Officer

REGIONAL OFFICES

EAST

Dilip Kumar Dey	Senior Officer (Accounts)
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NORTH

Harinder Kaushik	Officer
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SOUTH

S.Venkatesan	Senior Statistical Officer
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WEST

Shilpa K.Chirke	Officer
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