64th
ANNUAL REPORT 2018-19
THE FERTILISER ASSOCIATION OF INDIA
9TH GPCA FERTILIZER CONVENTION
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BOARD OF DIRECTORS

K.S. Raju
Chairman, FAI
Chairman Emeritus, NFCL

Manoj Mishra
Co-Chairman, FAI
CMD, NFL

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

A. Vellyan
Emeritus Director, FAI

P.S. Gahlaut
MD, IPL

Rakesh Kapur
Jt. MD, IFFCO

R.K. Chopra
MD, KRIBHCO Fertilizers Ltd.
w.e.f. 07.05.2019

M.S. Dagur
MD, GNFC
w.e.f. 05.12.2018

Umesh Dhatrak
CMD, RCF

Sameer Goel
MD, Coromandel International

O.P. Gupta
MD, Kribhco Fertilizers Ltd.
upto 31.1.2019

Ashvini Hiran
MD & CEO, IRC Agrochemicals
w.e.f. 26.09.2018

A.K. Jain
Vice Chairman, KFCL

Sanjiv Kanwar
MD, Yara Ferts. India Pvt. Ltd.
w.e.f. 07.05.2019

Rahul Kohli
CEO (Fert. Business)
Grasim Industries
(Unit: Indo Gulf Fertilisers)
upto 31.07.2019

N. Suresh Krishnan
MD, MCFL

K.K. Kaul
WTD, DCM Shriram

Shailesh Khaitan
CMD
Khaitan Chems. & Ferts.

A. B. Khare
CMD, MFL
upto 05.12.2018

Anil Kapoor
MD, CFCL
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Co-Chairman, FAI
CMD, NFL
w.e.f. 07.05.2019

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Emeritus Director, FAI

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MD, IPL

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Emeritus Director, FAI
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DCM Shriram Ltd.
w.e.f. 07.05.2019

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w.e.f. 05.12.2018

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w.e.f. 05.12.2018

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CMD, RCF

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upto 31.1.2019

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w.e.f. 26.09.2018

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Vice Chairman, KFCL

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MD, Yara Ferts. India Pvt. Ltd.
w.e.f. 07.05.2019

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CMD
Khaitan Chems. & Ferts.

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upto 05.12.2018

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CEO (Fert. Business)
Grasim Industries
(Unit : Indo Gulf Fertilisers)
upto 31.07.2019

N. Suresh Krishnan
MD, MCFL
D. Nanda Kumar
MD, FACT
upto 31.05.2019

J.C. Laddha
CEO-Birla Copper Hindalco
upto 30.06.2019

Praveen Kumar Maheshwari
WTD & CFO
Hindalco Industries Ltd.
w.e.f. 07.08.2019

Sanjai Maheshwari
CMD, BVFCL
w.e.f. 07.05.2019

S.C. Mehta
CMD, Smartchem Technologies Ltd.

Manish Nagpal
CEO, Greenstar Fertilizers Ltd.

S.K. Nayak
MD, NCDC
w.e.f. 02.04.2018

Akshay Poddar
Director, ZACL

D.S. Sudhakar Ramaiah
Director (Finance), PDIL

S.R. Ramakrishnan
WTD, SPIC
64th Annual Report 2018-19

PRINCIPAL OFFICERS OF FAI

S. Nand
Deputy Director General

T.K. Chanda
Adviser

D.S. Yadav
Director (Marketing)

R.K. Tewatia
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: U85300DL1955NPL002999

Notice is hereby given that the 64th Annual General Meeting of The Fertiliser Association of India (FAI) will be held on Wednesday, the 25th September, 2019 at 11.30 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, 2018 to 31st March, 2019.

2. To receive and adopt the Audited Statements of Accounts of the Association for the year 1st April 2018 to 31st March, 2019 viz, the Income and Expenditure Account for the year ended on the 31st March, 2019 and the Balance Sheet as at the 31st March, 2019.

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. Manoj Mishra (DIN 06408953) representative of M/s National Fertilizers Limited (NFL) to represent the interests of nitrogenous and complex fertiliser manufacturers.

(ii) Mr. N. Sambasiva Rao (DIN 06400663) representative of M/s Krishak Bharati Cooperative Ltd (KRIBHCO) to represent the interests of nitrogenous and complex fertiliser manufacturers.

(iii) Mr. P.S. Gahlaut (DIN 00049401) representative of M/s Indian Potash Limited (IPL), to represent the interests of potassic fertilisers.

(iv) Mr. Shailes Khaitan (DIN 00041247) representative of M/s Khaitan Chemicals & Fertilizers Ltd. (KCFL), to represent the interests of Super Phosphate manufacturers.

(v) Mr. K.K.Kaul (DIN 00980318) representative of M/s DCM Shriram Fertilizers Ltd., to represent the interests 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.

SPECIAL BUSINESS

4. 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. Sanjay Maheshwari, (DIN 00653170) representing M/s Brahmaputra Valley Fertilizer Corporation Limited (BVFCL), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.05.2019 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. R.K.Chopra (DIN: 06969911) representing M/s Kribhco Fertilizers Limited (KFL), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.05.2019 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. Sanjiv Kanwar, (DIN:03379055) representing M/s Yara Fertiliser India Pvt. Ltd., who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.05.2019 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.”
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. Praveen Kumar Maheshwari, (DIN: 00174361) representing M/s Hindalco Industries Ltd (HIL), who was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.08.2019 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.”

(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(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, Mr. Kishor Rungta, (DIN: 00231106) representing M/s The Fertilizers and Chemicals Travancore Limited (FACT), who was appointed as an Additional Director by the Board of Directors at its meeting held on 07.8.2019 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(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, Mr. U. Saravanan, (DIN: 00276346) representing M/s Gujarat Narmada Valley Fertilizers & Chemicals Limited (GNFC), who was appointed as an Additional Director by the Board of Directors at its meeting held on 05.12.2018 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 candidacy 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.”

(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, Mr. M.S. Dagur, (DIN: 01622222) representing M/s Gujarat Narmada Valley Fertilizers & Chemicals Limited (GNFC), who was appointed as an Additional Director by the Board of Directors at its meeting held on 05.12.2018 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 candidacy 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.”

5. Appointment of Director General

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 Mr. Satish Chander, (DIN: 00276346) as Director General of the Association for a period of one year effective from 11th June, 2019 on the existing terms and conditions as approved by the Board of Directors of FAI at its meeting held on 7th May, 2019 as given in the explanatory note in the notice convening this Annual General Meeting”.

6. a) Assessment of dues for the year 1st April, 2020 to 31st March, 2021 as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Member Category</th>
<th>Proposed dues</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i)</td>
<td>Associate Members</td>
<td>Rs. 20,000/-*</td>
</tr>
<tr>
<td>(ii)</td>
<td>Overseas Associate Members</td>
<td>US $ 2000/-*</td>
</tr>
<tr>
<td>(iii)</td>
<td>Technical &amp; Professional Associate</td>
<td>Rs. 500/-*</td>
</tr>
<tr>
<td></td>
<td>Members</td>
<td></td>
</tr>
</tbody>
</table>

*Plus applicable GST.

b) To consider and adopt the budget of the Association for the year 1st April, 2020 to 31st March, 2021.

By the order of Board of Directors

New Delhi
D. Ramakrishnan
23rd August 2019
Secretary

Note:
1. The Explanatory statement pursuant to Section 102(1) of the Companies Act, 2013 with respect to Special Business listed in terms 4 to 6 of the Notice is annexed hereto and forms part of this Notice.
EXPLANATORY STATEMENT

Notice Item No.4(i)

Mr. N. Sanjai Maheshwari, (DIN 00653170) representing M/s Brahmaputra Valley Fertilizer Corporation Limited (BVFCL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.05.2019. 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. Sanjai Maheshwari holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. S.D.Singh would have held the office. Against this resultant vacancy, M/s Brahmaputra Valley Fertilizer Corporation Limited have proposed the candidature of Mr. N. Sanjai Maheshwari as a candidate to the office of Director of FAI.

None of the Directors except Mr. N. Sanjai Maheshwari himself is concerned or interested in the resolution.

Notice Item No.4(ii)

Mr. R.K.Chopra (DIN: 06969911) representing M/s Kribhco Fertilizers Limited (KFL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.05.2019. 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. R.K.Chopra holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. O.P.Gupta would have held the office. Against this resultant vacancy, M/s Kribhco Fertilizers Limited have proposed the candidature of Mr. R.K.Chopra as a candidate to the office of Director of FAI.

None of the Directors except Mr. R.K.Chopra himself is concerned or interested in the resolution.

Notice Item No.4(iii)

Mr. Sanjiv Kanwar, (DIN:03379055) representing M/s Yara Fertiliser India Pvt. Ltd., was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.05.2019. 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. Sanjiv Kanwar holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. Narasimha Rao, would have held the office. Against this resultant vacancy, M/s Yara Fertiliser India Pvt. Ltd. have proposed the candidature of Mr. Sanjiv Kanwar as a candidate to the office of Director of FAI.

None of the Directors except Mr. Sanjiv Kanwar himself is concerned or interested in the resolution.

Notice Item No.4(iv)

Mr. Praveen Kumar Maheshwari, (DIN: 00174361) representing M/s Hindalco Industries Ltd (HIL), was appointed as a Director in casual vacancy by the Board of Directors at its meeting held on 07.08.2019. 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. Praveen Kumar Maheshwari holds office up to the date of this Annual General Meeting, the date till which the original Director Mr. J.C. Laddha, would have held the office. Against this resultant vacancy, M/s Hindalco Industries Ltd. have proposed the candidature of Mr. Praveen Kumar Maheshwari as a candidate to the office of Director of FAI.

None of the Directors except Mr. Praveen Kumar Maheshwari himself is concerned or interested in the resolution.

Notice Item No.4(v)

Mr. Kishor Rungta, (DIN: 00231106) representing M/s The Fertilizers and Chemicals Travancore Limited (FACT), was appointed as an Additional Director on the Board of FAI on 07.08.2019. His term as Additional Director is expiring at 64th AGM. He has been nominated as the candidature of Mr. Kishor Rungta, 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. Kishor Rungta himself is concerned or interested in the resolution.
Notice Item No.4(vi)

Mr. U. Saravanan, (DIN: 07274628) representing M/s Madras Fertilizers Ltd. (MFL), was appointed as an Additional Director on the Board of FAI on 05.12.2018. His term as Additional Director is expiring at 64th AGM. He has been nominated as the candidate of Mr. U.Saravanan, 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. U. Saravanan himself is concerned or interested in the resolution.

Notice Item No. 4(vii)

Mr. M.S. Dagur, (DIN: 01622222) representing M/s Gujarat Narmada Valley Fertilizers & Chemicals Limited (GNFC), was appointed as an Additional Director on the Board of FAI on 05.12.2018. His term as Additional Director is expiring at 64th AGM. He has been nominated as the candidate of Mr. M.S. Dagur, 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. M.S. Dagur himself is concerned or interested in the resolution.

Notice Item No.5 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, 2019. The Board of Directors in its meeting held on 7th May, 2019 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 of industry in an appreciable manner and also keeps relationship with different government departments, media etc. extremely well. The extension of the tenure of Shri. Satish Chander was on the existing terms and conditions.

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

Notice Item No.6

(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 2020-21 have been approved by the Board on 07th August, 2019 and the same are given in the AGM Notice.

(b) The Budget for the year 2020-21 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 07th August, 2019.
The Board of Directors has pleasure in presenting 64th Annual Report of the Fertiliser Association of India along with the audited statement of accounts for the financial year ended on 31st March, 2019.

During 2018-19, fertilizer sector was driven by a variety of factors including comfortable availability, increased fertilizer use amidst below normal rainfall, subdued domestic production supplemented by high imports, continued shortfall in domestic gas availability fulfilled through high cost LNG, unfavourable policies, payment delays under DBT, pending issues relating to GST, etc. Despite various issues and concerns, Indian fertilizer industry continued to ensure timely supply of required quantity of fertilizers to farmers throughout the country. The industry continued to give full cooperation to the government in implementation of DBT for fertilizer sector in its present form.

Interestingly, water level in major reservoirs improved during major part of kharif 2018 despite changing pattern of weather and rainfall below normal level. Crop acreage and production were marginally lower during both kharif and rabi seasons. Foodgrains production slipped from 285 million tonnes in 2017-18 to 283 million tonnes in 2018-19. While oilseeds production stood at the previous year's level, sugarcane showed a modest increase.

Indian urea industry continued to suffer during the year due to unfavourable policies. These inter-alia included non-payment of increased fixed cost as per notified Modified NPS-III policy, non-recognition of further increase in fixed cost beyond Modified NPS-III levels, unreasonable reduction in energy consumption norms under NUP-2015. Additional production beyond re-assessed capacity has also turned unviable due to non-implementation of minimum fixed cost as per Modified NPS-III Policy.

There were inordinate delays in payment of subsidy under DBT. Payments which were due prior to implementation of DBT also remained unsettled. Payments due to escalation in cost of natural gas were also not made by the end of financial year 2018-19. Thus, urea units faced liquidity problems and incurred high interest cost on working capital.

FAI continued to pursue with GST Council and the Department of Fertilizers for addressing the other GST related issues of the fertilizer sector. These inter-alia include refund of unutilized input tax credit (ITC) in respect of both input and input services under the inverted duty structure, refund of unutilized ITC arising due to exemption of fertilizer subsidy from levy of GST; reduction in GST rate for movement of fertilizer through multi-model transport to 5% to bring in parity between freight cost of fertilizers by rail and multi-model transport.

The share of domestic gas in total gas supply for fertilizer sector has been reducing over the years. It reduced from 75% in 2013 to less than 40% during 2018-19. The shortfall in supply of domestic gas was substituted with high cost LNG which led to increase only through POS machines and operational problems of the system. It also requested for exemption of fertilizer companies from the stringent provisions laid down in RBI circular dated 12th February, 2018 regarding payment of loans as industry was reeling under liquidity problem due to delay in payment of subsidy.

In case of marketing margin, government’s LPA in division bench of Delhi High Court and SLP in Supreme Court challenging the orders of Delhi High Court were dismissed. FAI’s fresh petition for determination of date from which marketing margin be paid for past period is now before the Delhi High Court.

In regard to GST, as a result of persistent follow up by the FAI at various levels in the government, the rate of GST on fertilizer grade phosphoric acid was finally reduced to 5% w.e.f. July 2018. This has provided relief to the phosphatic fertilizer units. Further, FAI representations also resulted in classification of imported urea and MOP used for manufacture of complex fertilizers in the category of 5% rate of GST. The efforts of FAI in the past also resulted in reduction of GST for finished fertilizers and sulphur to 5%.

FAI continued to bring to the notice of the Department of Fertilizers the problems faced by fertilizer companies in implementation of DBT. It gave a number of suggestions for addressing the DBT related issues. These inter alia include bringing amendment in FCO to make it mandatory for retailers to sell fertilizers
in pooled gas cost. FAI continued to represent to the DoF for additional allocation of domestic natural gas which can save subsidy substantially. It was also emphasized that three plants manufacturing complex fertilizers using domestic ammonia need to be allocated gas from the pool.

FAI continued its efforts to take up the problems of the members with the Central Pollution Control Board (CPCB) in implementation of online monitoring system. A meeting with the concerned officials of CPCB was arranged wherein most of the suggestions of fertilizer plants were accepted by the CPCB. Accordingly, Guidelines for online monitoring systems for emissions were revised.

The Ministry of Environment, Forests and Climate Change (MoEFCC) notified the Plastic Waste Management Rules 2016 in March 2016. After representation by the FAI and others, MoEFCC amended the notification in March 2018 by permitting plastic bags for alternative use. FAI sent further representation to the MoEFCC stating that with a large consumer base, it will be difficult for the fertilizer industry to collect bags at the end of the life of bags and account for them. In this context, FAI commissioned a study to an agency to carry out the Life Cycle Analysis of fertilizer bags to establish the multiple usage by the farmers and other sections of the society. FAI will then represent the case to the regulator appropriately.

FAI worked with Bureau of Energy Efficiency (BEE) to implement the PAT Cycle 2 for fertilizer industry. First it was ensured that there are realistic energy saving targets and second, the normalization factors for complex fertilizer plants were finalized in consultation with the industry. This will ensure that fertilizer plants are not penalized for increase in energy consumption due to factors beyond control of plant management.

FAI has initiated a benchmarking exercise of key process parameters in ammonia and urea plants for the period of 2017-18. The benchmarking study will help the plants to compare their operating matrix and identify scope for improving the operational efficiency. The benchmarking report will be provided to each participating unit.

FAI continued to work with the government in bringing amendments in Fertiliser (Control) Order. A number of products were brought under FCO during 2018-19. These inter-alia include boron ethanoamine, elemental sulphur fortified with zinc oxide in micro-granule form, NPK 8:21:21 with Mg, S, Zn and B, DAP with 4% S, potash derived from rhodophytes, phospho-gypsum (granular) and thirty two grades of customized fertilizers.

The proposal of amendment in specifications of neem coated urea remained under active discussions. After detailed deliberations, Central Fertiliser Committee (CFC) observed that in view of the concerns raised by the FAI, it was not justified to enforce the revised specifications immediately and recommended the postponement of the enforcement of proposed specifications by one year.

It is worthwhile to mention that with the persuasion of the FAI, a new provision of third analysis has been made in FCO under specific cases. In case, the sample is declared non-standard in different parameters or there is a wide variation in two reports, one can go in for second appeal for third analysis and that analysis shall be carried out at any of the five laboratories of National Test House.

The government has also reduced the time limit for testing of fertilizer samples to half from the existing level in respect of despatch of sample, analysis in laboratory and communication of results to dealers with effect from July, 2018.

Parliamentary Standing Committee on Agriculture in its 54th Report recommended to the Government to take steps for constitution of a Fertilizer Development and Regulating Authority to streamline the process of certification of fertilizers, continuous quality check, imposing penalty for sub-standard and spurious quality of fertilizers, promoting innovations in fertilizer sector and fixation of pricing of fertilizers, etc. In this context, Department of Agriculture, Cooperation and Farmers Welfare constituted a Committee with DG-FAI as one of the members. After detailed deliberations, the Committee is of the view that the concerns raised by the Parliamentary Standing Committee are well taken care of under the various provisions of FCO and obviates the need for constitution of Fertilizer Development and Regulating Authority in fertilizer sector.

FAI and industry continued to collaborate with reputed international organizations. It is heartening to mention that Indian fertilizer industry has two representations on the Board of International Fertilizer Association (IFA) including the position of Chairman. FAI provided valuable inputs to IFA regarding benchmarking of parameters related to energy efficiency, safety and environment at global level and harmonization of benchmarking carried out by the regional associations including FAI. It is for the first time that IFA Annual Conference will be held in Delhi in April, 2020.

FAI continues to reward excellence in various functional areas, viz., production, environment, safety, nutrient management, etc. The achievements of individuals and organizations are recognized by way
of Awards. The two new awards instituted by IFFCO in 2016-17, namely, ‘US Awasthi-IFFCO awards’ for excellence in the field of agriculture and fertilizer industry were given to two eminent personalities in 2017-18 for their contribution to development of fertilizer industry and agriculture research and education.

FAI Annual Seminar 2018 was held at New Delhi during 5-7 December, 2018 devoted to the theme “Making Fertilizer Industry Viable and Vibrant”. It was attended by more than 1200 delegates from India and other countries. Honourable Cabinet Minister and Minister of State for Chemicals & Fertilizers addressed the delegates.FAI organized 54 training programmes / group discussions/ workshops in various parts of the country on different subjects in the areas of technology, environment, policy, fertilizer use efficiency, logistics, marketing and IT.

FAI has been providing wealth of information to its members and other stake-holders though both electronic and printed formats including FAI website www.faidelhi.org. The FAI website contains a variety of information including statistical data, maps, environmental issues, energy consumption, government notifications, developments in fertilizer policies, reports, abstract service, calendar of events and daily news bulletin. Blogs and social media are also being utilized for dissemination of information.

FAI continued to bring out monthly journals, annual and adhoc publications with valuable contents relating to fertilizer and agriculture sectors. FAI publications are treated as authentic source of information by the readers.

The details of major developments during 2018-19 are presented in the following paragraphs:

1.0 MONSOON, FERTILIZER PRODUCTION, IMPORTS, AVAILABILITY AND CONSUMPTION

1.1 Below Normal South-west Monsoon

1.1.1 Indian agriculture depends heavily on rains received from South-west monsoon. Over 70% of the total annual rainfall is received from South-west monsoon (June-September). The South-west monsoon 2018 arrived 3 days before normal arrival date. But the aggregate rainfall was 9% below normal during the monsoon season. Out of 36 meteorological subdivisions, 24 received normal rainfall and 12 deficient rainfall during South-west monsoon. Rains were deficient in Arunachal Pradesh; Assam & Meghalaya; Gangetic West Bengal; Jharkhand; Bihar; West Rajasthan; Gujarat Region; Saurashtra, Kutch & Diu; Marathawada; Rayalaseema; North Interior Karnataka and Lakshadweep. During the period, 62% of the districts received normal to excess rains.

1.1.2 Water level in major reservoirs was higher than the previous year as well as normal storage at the end of kharif season. Live storage in 91 major reservoirs at the end of kharif 2018 was higher at 120.92 billion cubic meters (BCM) as against 107.35 BCM on the corresponding date in the previous year. This was 113% of the last year’s level and 104% of the normal storage.

1.1.3 There was a marginal shortfall in the area sown under various crops during both the cropping seasons. During kharif 2018, about 99% of the total normal area was covered and in rabi, it was 96%. Area under total kharif crops was about 105.24 million hectares (Mha) at All-India level which was 1.9% lower than the previous kharif. During rabi 2018-19, area sown under all crops was reported at 60.43 Mha, representing a fall of 3.8% over rabi 2017-18.

1.2 Adequate Availability of Fertilizers

1.2.1 There was adequate availability of various fertilizers from opening inventory, indigenous production and imports to take care of increased demand of fertilizers in 2018-19. Inventory of Urea at various points excluding stocks at the dealers’ point was about 1.6 million MT at the beginning of the year. Similarly, inventory of DAP and NP/NPKs together was about 1.1 million MT, SSP 0.64 million MT and MOP 0.63 million MT. The details of progress in domestic production, import and consumption are presented in the following paragraphs.

1.2.2 Marginal Fall in Production

1.2.2.1 Overall production of total nutrients (N+P₂O₅) registered a negative growth of 1.2% during 2018-19 over the previous year. Both nitrogen (N) and phosphorus (P₂O₅) witnessed fall in production during the year. Production of N at 13.34 million MT during 2018-19 fell marginally by 0.6% over 2017-18. The production of P₂O₅ at 4.59 million MT registered a decline of 2.8% during the same period. Despite increase in production of SSP and NP/NPK complex fertilizers, the fall in production of urea and DAP led to overall reduction in production of both the nutrients. In absolute term, total production of urea, DAP, NP/NPKs and SSP was of the order of 23.9 million MT, 3.9 million MT, 9.0 million MT and 4.1 million MT, respectively, during 2018-19.

1.2.2.2 Production of fertilizers could have achieved higher growth if the industry did not suffer from a
number of problems. Fertilizer industry continued to suffer due to inadequate availability of natural gas from domestic sources. Gap in availability was fulfilled through high cost imported LNG. Two urea plants in Andhra Pradesh were shut down in major part of the year. In addition, a few urea plants had extended shutdown for implementation of energy saving projects. Limitations in availability of phosphoric acid were also experienced by some of the DAP/NP/NPK plants. Production was restricted in one DAP/NP/NPK plant due to non-availability of wagons for movement of fertilizers from plant to rake points. In addition, a couple of plants faced mechanical and equipment related problems resulting in loss of production during the year.

1.2.3 Increase in Imports of Urea, DAP and NP/NPKs and Fall in MOP

1.2.3.1 Loss in production was more than offset by substantial increase in imports of fertilizers, particularly of urea and DAP. During 2018-19, import of urea and DAP increased by 24.7% and 56.6%, respectively, over 2017-18. Import of NP/NPKs also increased by 9.4% during the period. However, import of MOP fell by 11% during the period. The absolute quantum imports of urea, DAP, NP/NPKs and MOP was 7.45 million MT, 6.60 million MT, 0.55 million MT and 4.21 million MT, respectively, during 2018-19.

1.3 Modest Growth in Consumption

1.3.1 The actual consumption data of fertilizers for 2018-19 are yet to be finalized by the government. In the absence of actual consumption data, DBT sale figures for 2018-19 have been used here as estimated consumption. Supported with normal weather in major part of the country and coverage of area near normal in both kharif and rabi seasons, fertilizer consumption has shown a modest growth in 2018-19 over the previous year. Overall consumption of total nutrients (N+P₂O₅+K₂O) increased by 2.9% during 2018-19 over 2017-18.

1.3.2 The estimated consumption of N and P₂O₅ showed increase of 5.8% and 0.2%, respectively, during 2018-19 over 2017-18. However, consumption of K₂O showed a decline of 8.6% during the period. Total consumption in terms of nutrients is estimated at 27.36 million MT for 2018-19 which is 2.9% higher than the consumption during the previous year. Consumption of N at 17.95 million MT, P₂O₅ at 6.87 million MT registered increase of 5.8% and 0.2%, respectively, during 2018-19 over 2017-18. However, consumption of K₂O at 2.54 million MT fell by 8.6% during the period.

1.3.3 In terms of product, All-India estimated consumption of urea, SSP and NP/NPK complex fertilizers increased by 7.1%, 25.9% and 5.6%, respectively, during 2018-19 over 2017-18. However, consumption of DAP and MOP showed decline of 6% and 13.4%, respectively, during the period.

1.3.4 State wise analysis of fertilizer consumption gives an interesting reading. Consumption of urea recorded positive growth in majority of the states. The states which witnessed negative growth in urea consumption during 2018-19 over 2017-18, include, Odisha, Jammu & Kashmir, Uttarakhand, Kerala, Telangana, Gujarat and Maharashtra. Similarly, consumption of NP/NPKs was positive in all major consuming states except Odisha, West Bengal, Himachal Pradesh, Jammu & Kashmir, Kerala, Gujarat and Maharashtra. In contrast, growth in consumption of DAP was negative in most of the states except Haryana, Himachal Pradesh, Karnataka, Tamil Nadu, Madhya Pradesh, Chhattisgarh and Rajasthan where consumption of DAP recorded positive growth during the period. Similarly, consumption of MOP marked negative growth in major consuming states except Assam and Jharkhand in east zone; Karnataka in south zone and Chhattisgarh and Rajasthan in west zone where consumption of MOP showed positive growth during the period.

2.0 POLICIES RELATED TO FERTILIZER SECTOR

2.1 Major Issues Faced by Fertilizer Industry

2.1.1 FAI continued to highlight major issues faced by Indian fertilizer industry before concerned government authorities for their redressal. These *inter-alia* included issues related to policies for urea industry and P&K industry as well as problems related to DBT payments and taxation. Views of the industry were put forward to the government through meetings, interactions, presentations and written representations. These interactions included PMO, NITI Aayog, Ministry of Finance, Department of Agriculture, Cooperation & Farmers Welfare, Department of Fertilizers, and Indian Council of Agricultural Research (ICAR). Important issues are mentioned in the following paragraphs:

2.2 Issues of Urea Sector

2.2.1 Indian urea industry continues to suffer during the year due to unfavourable policies. These *inter-alia* included non-payment of increased fixed cost as per notified Modified NPS-III policy, non-recognition and non-reimbursement of further increase in fixed cost beyond Modified NPS-III levels, unreasonable reduction in energy consumption norms under NUP-2015 in 2015 and 2018, unfavorable treatment of production beyond 100% of re-assessed capacity. There were inordinate delays in payment of subsidy under DBT. Payments
due to escalation in cost of natural gas were also not made by the end of financial year 2018-19. Payments due prior to implementation of DBT also remained to be settled. Thus, urea units not only faced liquidity problems but also incurred high interest cost on working capital. Thus, it is not surprising that 50% of urea units are incurring net losses and others are operating at wafer-thin margins. PAT (excluding provisions of Modified NPS-III policy) as percentage of net-worth for the entire industry is negative for all the years from 2014-15 to 2018-19, as can be seen from the Table given below. Even if the payments of increased fixed cost of urea as per Modified NPS-III policy are made, margins will still be wafer thin.

**Table. PAT as % of Net-worth from Urea Business**

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<tr>
<td>PAT as % of Net-worth – excluding provisions of Modified NPS-III Policy</td>
<td>-4.43</td>
<td>-1.44</td>
<td>-0.73</td>
<td>-6.14</td>
<td>-5.43</td>
</tr>
<tr>
<td>PAT as % of Net-worth – including provisions of Modified NPS-III Policy</td>
<td>0.28</td>
<td>3.51</td>
<td>4.23</td>
<td>-0.03</td>
<td>0.43</td>
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Based on the data received from 25 urea units

2.3 Unreasonable Reduction in Energy Consumption Norms

2.3.1 FAI continued to argue for continuation of existing energy norms for a further period of 5 years to allow the industry to recover its investment in energy saving projects. FAI also suggested creation of technology upgradation fund to provide one-time capital subsidy, or soft loan for making investment in energy saving projects. However, the government continued to mop up the energy efficiency achieved by the most efficient plants and implemented energy consumption norms prescribed for 2018-19 for 11 efficient gas based urea units w.e.f. 1st April, 2018. For the remaining 14 gas based urea units, the norms for 2015 were retained till 31st March, 2020 with a penalty of 2% for the first year and 5% for the second year. FAI had represented that the industry should be allowed to recover the investment in energy saving projects.

2.3.2 The matter has now been referred to an Expert Group to give recommendations for Target Energy Norms to be achieved by urea units w.e.f. 1.4.2025 and energy consumption norms for units using coal for steam and power generation. The Expert Group is headed by Member, NITI Aayog. In all interactions with Expert Group, FAI has taken a view that the issue of energy consumption in urea plants cannot be deliberated in isolation. Policy for urea industry needs to be considered holistically and energy consumption norms can form a part of this policy reform. The exercise for revision in energy norms must assess the investment required for such energy improvements. Further, FAI has also communicated that any policy for reduction in energy norms for urea units should provide for recovery of the investment and be equitable to all urea units. The Department of Fertilizers held a meeting with industry representatives on the issue of energy consumption norms on 15th March 2019. It was decided to constitute a Committee within the Department with representatives of FAI and industry members. The FAI communicated the scope of the Committee and names of industry representatives to the DoF.

2.3.3 Department of Fertilizers had proposed setting up of a Committee to review energy consumption norms for urea units under the chairmanship of Additional Secretary (DoF). Department of Fertilizers had requested FAI to nominate representatives on the Committee from industry and give suggestions regarding terms of reference for the Committee. Accordingly, FAI sent the nomination as well as proposed terms of reference for the Committee to the Secretary (Fert.), vide letter dated 26th March, 2019.
3.0 POLICIES RELATED TO P&K FERTILIZERS

3.1 NBS Policy for 2018-19

3.1.1 The per kg NBS rates of fertilizer nutrients viz., N, P, K and S for 2018-19 as notified by the Department of Fertilizers vide O.M. dated 16th April, 2018 were Rs.18.901, Rs.15.216, Rs.11.124 and Rs.2.722, respectively. As a result, there was a reduction in the rate of subsidy for MOP from Rs.7437 per MT to Rs.6674 per MT compared to previous year. The NBS rate for DAP increased from Rs. 8937 to Rs. 10402 per MT compared to 2017-18. There was also increase in subsidy on other complex fertilizers.

3.2 NBS Policy for 2019-20

3.2.1 As per the decision of FAI Board in its meeting held on 5th December, 2017, a Board Committee for the P&K sector was constituted. In the meeting held on 17th April, 2018, the issues related to the P&K sector were discussed. Members of the Board Committee were of the opinion that Government should decide on the level of subsidy and the retail prices of P&K fertilizers should remain market-driven. The same was conveyed to the Secretary (Fert.) in the meeting held on 17th April, 2018.

3.2.2 The per kg NBS rates of fertilizer nutrients viz., N, P, K and S for 2019-20 as notified provisionally by the Department of Fertilizers vide O.M. dated 29th March, 2019 remained the same as of 2018-19. Subsequently, the subsidy rate for sulphur only has been increased from Rs.2.722 per kg $ in 2018-19 to Rs.3.562 per kg $ in 2019-20 vide O.M. dated 7th August, 2019 and made effective from date of this notification.

3.3 Other Issues Related to P&K Fertilizers

3.3.1 Industry representatives met the Secretary (Fert.) on 14th January, 2019 and discussed various concerns and challenges of the fertilizer sector. One of the points discussed in the meeting was related to the remaining quantities which had not been acknowledged in mFMS/iFMS sold prior to DBT period. As a follow-up vide letter dated 18th January, 2019, Secretary (Fert.) was requested, to intervene and make the system open for one last time for the purpose of acknowledgement of remaining stocks of fertilizers by the wholesalers and retailers prior to DBT regime. At the request of the FAI and the industry, the system was opened up a few times by DoF for pending acknowledgment of the quantities by wholesalers/retailers. There are still some quantities which remain unacknowledged, the same is being pursued by the FAI for opening of the system for one last time.

3.4 Issues of SSP Industry

3.4.1 Deemed Certification of Quantity and Quality

3.4.1.1 Some of the State Governments had not certified the quantity and quality of SSP. Also the policy of deemed certification in 30 days for quantity and 180 days for quality was not being adhered to while processing the claims of SSP units for subsidy payments. The SSP industry was facing hardship in arranging working capital due to non-payment of balance subsidy prior to DBT regime. The industry felt that the present low capacity utilization of 37 per cent could be enhanced, if the cash flow situation improved by timely payment of subsidy bills. FAI requested the Secretary (Fert.) vide its letter dated 3rd August, 2018 for her intervention in the matter of settlement of subsidy bills of SSP Industry.

3.4.2 Other Issues

3.4.2.1 Department of Fertilizers convened a meeting of some of the SSP manufacturers on 6th February, 2019 under the Chairmanship of the Secretary (Fert.) to discuss various issues namely separate budget for SSP industry, freight subsidy, reduction in GST on sulphuric acid from 18 per cent to 5 per cent, payment of unpaid dues under DBT, flexibility in procurement of rock phosphate, etc. As a follow up to the discussion in the meeting, Department of Fertilizers constituted a Committee under the Chairmanship of Joint Secretary (PS) with representation from DoF, FAI and SSP industry to consider and make recommendations on the following issues:

i) The requirement of pre-analysis of Egyptian rock phosphate (ERP) for production of SSP.

ii) The request of SSP industry to allow them freight subsidy at par with P&K industry.

3.4.2.2 DG, FAI vide letter dated 8th February, 2019 to Joint Secretary (PS) suggested the names of the committee members from the fertilizer industry. Two meetings of the Committee were held on 22nd March and 17th May, 2019. DG, FAI attended both the meetings. It was agreed that the present practice of quality check of ERP by the SSP companies on their own should continue. Further, FAI has been asked to explore the possibility of nominating/empainting the accredited international agencies for quality checks at the loading and unloading ports. It was decided that the quality check of ERP both at loading as well as at unloading ports should be made more stringent/rigorous. As per the notification of the DoF, only quality rock phosphate has to be used for manufacture of SSP. FAI has suggested two names for the Committee to conduct techno-commercial and environment study for production of good quality BRP by the four manufacturing units and name of the nodal person through which suppliers of ERP can be sensitized in Egypt for supply of quality rock to India. FAI also suggested four accredited international agencies for quality checks at loading/unloading ports.
4.0 OTHER POLICY RELATED ISSUES

4.1 Freight

4.1.1 There have been many issues related to inordinate delay in disbursement of freight subsidy. FAI collected the information on issues related to freight and differential freight. On the basis of the information received from 14 companies, the total outstanding of freight payment worked out to about Rs. 1333 crore. DG, FAI addressed a letter to the Secretary (Fert.) on 25th February, 2019 requesting for payment of differential freight from 2008-09 onwards for which claims have already been submitted to FICC/DoF. Notifications are pending for primary and secondary road freight for 2017-18 and 2018-19 for urea, revision in the slab-wise primary road freight rates from 2013 onwards for P&K fertilizers in line with increase in railway freight, and revision in rates of special compensation for movement of P&K fertilizers in difficult areas from 2012 onwards on the basis of the study by Tariff Commission. Department of Fertilizers has exempted submission of lorry receipt (LR) copies along with freight claim under handling and marketing agreement for imported urea from 2012-13. However, from 2008-09 to 2011-12, lorry receipt copies are still to be required for such freight claims. FAI will continue to work with DoF to address the freight related issues.

4.2 Coastal Movement of Fertilizers

4.2.1 Government of India has been encouraging the coastal movement of domestic cargo to ease congestion on roads and reduce pollution. It would also reduce the load on limited infrastructure of railways. Government has also included coastal movement of fertilizers in freight policy with notional railway freight from the origin to the nearest rail head of destination. However, the movement of fertilizers through coastal ways has not yet picked up much because of number of reasons.

4.2.2 The Secretary (Fert.) met the industry representatives on 17th April, 2018. Amongst the other issues, the movement of fertilizers through coastal shipping was also discussed. FAI requested the Secretary (Fert.) vide letter dated 19th April, 2018 to take up the following issues with the Ministry of Shipping to make the coastal movement a viable proposition:

(i) Extend the rebate up to 80% on all port services as is extended to car carriers.
(ii) Eliminate the notional levy and wages in the name of port labour.
(iii) Extend the facility of storage in port godowns for 15 days without any charges.
(iv) Liberalize the Cabotage Law to allow the foreign vessels to carry domestic cargo in empty hatches from one port to the other port.

4.2.3 An amendment vide General Order No. 03 of 2018 dated 22nd June, 2018 was issued by the Ministry of Shipping under which relaxation under section 407 of the Merchant Shipping Act, 1958 was given for coastal movement of fertilizers. Under the relaxation, a foreign flag vessel is not required to obtain a license from Director General of Shipping for engaging in coastal trade of India, for carriage of fertilizers by sea.

4.2.4 DG, FAI met the Secretary (Shipping) on 27th June, 2018 and explained to him the issues which the fertilizer industry has been facing in movement of fertilizers through coastal shipping. Subsequently, two letters were addressed to the Secretary, Ministry of Shipping. First letter dated 29th June, 2018 requested for doing away the notional booking of labour charges for coastal cargo as provided by the orders of the Ministry of Shipping/TAMP, extending the facility of storage in port godowns for 15 days excluding holidays without any charges and giving rebate of at least 60% for port dues in respect of coastal movement of fertilizers. Second letter dated 3rd July, 2018 was on seeking relaxation in movement of fertilizers under para 12.1 and 12.2 of order dated 22nd June, 2018 wherein the quantitative restriction of fertilizer should be at least 50 per cent of the total cargo.

4.2.5 The movement of fertilizers through coastal/waterways can get fillip only, if the fertilizer freight policy is aligned with the coastal movement policy which makes it simpler for the companies to shift from rail-road to coastal-road movement of fertilizers. As desired by the DoF, FAI vide letter 27th September, 2018 furnished the information regarding company-wise tentative quantity and routes to be followed in the movement of fertilizers through coastal shipping. Request was made to simplify policy related to entitlement as well as procedure for claiming freight reimbursement.

4.2.6 The DoF vide O.M. dated 17th June, 2019 notified the policy for reimbursement of freight subsidy for movement of domestically produced fertilizers through coastal shipping/inland waterways. Under the policy, the primary movement will refer to movement of subsidized fertilizers by rail and/or coastal shipping/inland water transportation including road bridging only in case of coastal shipping/inland waterways up to rake point in the destination district by any or two or by all three mode of transportation from plant or port to various rake points in the district. With this policy, the movement of subsidized fertilizers...
from plants through coastal shipping/inland waterways may become feasible.

4.3 Movement of P&K Fertilizers during the Months of February and March

4.3.1 The regularization of specific quantities of P&K fertilizers for the months of February and March in different years had been the major issue of the industry as no monthly supply plan used to be issued for these months. The DoF issued OM dated 16th April, 2018 for the NBS rates for the year 2018-19. The OM also covered the issue of regularization of movement of imported P&K fertilizers for the months of February and March since 2012-13. The Government had ex-post facto approved the subsidy paid on specific quantity of P&K fertilizers received in the district during the months of February and March 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.

4.3.2 The Government has authorized the DoF to release subsidy, if requested as per the rates fixed for the financial year or the next financial year whichever is lower on the specific category/quantity of P&K fertilizers received in the district during February and March months of the year in consultation with Department of Expenditure.

4.3.3 The above provision took care of quantities moved in the district for past years. For future, FAI requested the Department that there should not be any restriction on movement of imported P&K fertilizers from ports as the restriction on movement at any time of the year may affect the capacity of fertilizer companies in arranging supplies at optimum cost. For the first time after several years that the DoF had included imported P&K fertilizers in the monthly supply plan of February and March, 2019.

4.4 Availability of Rakes

4.4.1 DG along with some of the industry representatives met Secretary (Fert.) on 6th June, 2018 and discussed various concerns and challenges of the fertilizer sector. One of the points discussed in the meeting was related to the non-availability of sufficient rakes leading to the buildup of huge inventory beyond storage capacity at ports and plants. It was followed up with a letter dated 8th June, 2018 requesting the Secretary (Fert.) to kindly take up the matter with Chairman, Railway Board for timely availability of rakes. It was emphasized in another letter on 12th June, 2018 to the Secretary (Fert.) that Railways should make rakes available under priority ‘C’ accorded to the fertilizers.

4.4.2 Since there was no improvement in availability of rakes, DG, FAI met the Secretary (Fert.) on 3rd July, 2018 on the issue, FAI continued to pursue the matter with letters for next few months. It was highlighted that the availability of fertilizers may be affected in some parts of the country due to inadequate availability of rakes. The problem was acute on west coast ports.

4.4.3 Availability of rakes improved in later part of 2018-19.

4.5 Relaxation in Rail : Road Movement Coefficient of 80:20 for Fertilizers

4.5.1 The 80:20 rail:road coefficient was insisted upon way back in November 2010, as a fallout of the meeting among the Chairman Railway Board (CRB), the Secretary (Agriculture) and the Joint Secretary (A&M), Department of Fertilizers. Assurances of availability adequate number of rakes at plants and at ports were given in the meeting. CRB had also assured that they would keep overlapping rakes at all the plants to reduce the demurrage. Unfortunately, these assurances have not been kept.

4.5.2 At present, industry is facing serious problem of non-availability of sufficient rakes. Therefore, FAI represented vide letters dated 19th April and 24th August, 2018 and 3rd January, 2019 to the Secretary (Fert.) requesting removal of restriction on movement of fertilizers by road under 80:20 formula.

4.5.3 Since the freight policy for third mode of movement of domestically produced fertilizers through coastal sipping/inland waterways is in place, this provides an option as a substitute to rail.

4.6 Monthly Movement Supply Plan

4.6.1 The fertilizer companies are allowed to move only up to 10 per cent in excess of the monthly movement supply plan. At times, supply of fertilizers to some destinations exceeds the allocated quantity by more than 10 per cent. To alleviate the problem, FAI urged the government to dispense with monthly movement supply plan or raise the limit to 25 per cent in excess of monthly plan quantity. FAI will continue to work with DoF to address this issue of monthly supply plan.

4.7 Digitalization of Subsidy Payment System

4.7.1 Department of Fertilizers created a platform for generation and submission of DBT claims in digital mode. The digital claims were instantly submitted by the fertilizer companies for processing by the Department, based on Aadhaar-based OTP verification of the authorized signatory and the
auditor. However, some of the claims viz. monthly on-account claims (zero amount claims for quantity certification), monthly freight claims, balance claims up to February, 2018 and differential freight claims are still continuing to be submitted in the physical form. Vide letter dated 8th January, 2019, FAI requested the Secretary (Fert.) to take the digitalization further and dispense with altogether the submission of claims in physical form. The industry has got some relief with the notification of Pan India implementation of electronic transmission of Railway Receipt (eT-RR) by Ministry of Railways on 9th July, 2019. FAI will continue to pursue the matter of complete digitalization of subsidy payment system with the DoF.

5.0 DBT IN FERTILIZER SECTOR

5.1 FAI has been regularly bringing to the notice of the Department of Fertilizers various problems faced by the fertilizer companies in implementation of DBT. The matter was deliberated at length in the Board Meeting of FAI held on 2nd April, 2018. The Board expressed that it was a herculean task to generate bills in the DBT system. To discuss the matter further, a meeting of the Committee of the Board of FAI on DBT and its working Group constituted by the Board in 2016 was held on 17th April, 2018. Based on the discussions in the meeting, a comprehensive letter dated 2nd May, 2018 was written to the Secretary (Fert.) enumerating the issues. The letter enlisted numerous glitches in the software, non-updation of stock in real time, sale of fertilizers by the retailers without POS machines, mismatch of physical stock vs iFMS stock, poor internet connectivity in rural areas, non-authentication of Aadhaar number of the farmers, poor maintenance of POS machines and redundancy of proforma B3, for certification of sale quantity by State Governments and the auditors. It was pointed out that there were long delays in the payment of subsidy bills and industry was not allowed to raise fresh bills for large amounts due to systemic problems. The requirement of working capital has also increased. The borrowing from the banks becomes very difficult in view of RBI circular provisions of the RBI circular dated 12th February, 2018.

5.2 Further, FAI wrote another letter on 30th May, 2018 to the Secretary (Fert.) highlighting the large number of operational problems and long-time taken by the Department of Fertilizers /FICC in processing the bills. It was expressed that the system required a revamp and engagement of more trained manpower would make it robust and efficient.

5.3 The Secretary (Fert.) convened a meeting of the industry members on 6th June, 2018 to discuss the concerns and challenges of fertilizer industry. DG, FAI apprised the Secretary about the problems being faced by the industry due to delay in payment of subsidy under DBT.

5.4 As the industry continued to face problems in generation and processing of subsidy bills due to glitches in the IT infrastructure at various levels, FAI again wrote a letter to the Secretary (Fert.) on 6th August, 2018 to involve the software companies like Tata Consultancy Services Limited, Infosys Limited, HCL, Tech Mahindra Limited, etc., to provide a robust infrastructure for smooth operation of DBT system.

5.5 FAI continued to represent to the DoF on DBT issues and wrote a letter on 18th October, 2018 to the Secretary (Fert.) and raised the issues inter-alia, speedy redressal of software issue by NIC, review of architecture and robustness of IT infrastructure and making sale of fertilizers mandatory under FCO through POS machines. It was pointed out that allocation of additional budget for fertilizer subsidy was necessary to make payment as envisaged in DBT scheme.

5.6 According to data gathered from iFMS as on 26th December, 2018, urea stocks in pipeline and retailers were reported to be 4.97 million MT and more than 2.4 million MT, respectively. There was a similar situation for other products. This indicated that the substantial quantities of fertilizers were sold without POS machines. It also indicated that Departments of Agriculture in states were not verifying the stocks in the system with physical stocks at retailer level. FAI wrote a letter on 3rd January, 2019 to the Secretary (Fert.) requesting that a survey may be conducted by the Department to assess the ground level situation in different states. There was need to address the issue of anomaly in physical and system stocks.
5.7 The FAI Board in its meeting held on 5th December, 2018, decided to form a Group of Board members to deliberate on the issues related to DBT and also organize a one-day Workshop on DBT with involvement of CII and FICCI.

5.8 A meeting of the Group of Board members was held on 7th February, 2019. The Group expressed that non-payment of subsidy within one week after generation of bills under DBT is a breach of the DBT policy. DG, FAI brought to the notice of the members the assurance by the DoF to clear all past dues before launch of the DBT scheme which has also not been fulfilled. One of the main reasons for non-payment of the bills in time is the inadequate budget and sub-limits in disbursal of the budgeted amounts. These issues were brought to the notice of Secretary (Fert.) vide letter dated 19th February, 2019.

5.9 With continued interaction and feedback of the FAI and industry, the system has improved considerably. However, problems still persist. At the initiative of the DoF, Department of Agriculture, Cooperation and Farmers Welfare has commissioned a study on functioning of DBT at retail points and Institute of Social and Economic Change has been assigned the study. The difference between POS generated stocks and the physical stocks will be compared and analyzed under the study. Thirteen states will be covered under the study.

5.10 Further, DoF has launched DBT 2.0 initiatives on 10th July, 2019. This is an advanced multi-lingual desktop version of Point of Sale (POS) software as an alternative or added facility of POS devices. Retailers with computer can use this for sale of fertilizers. The dashboard (https://urvarak.nic.in) shows the details of fertilizers at national, state and district level. The new POS 3.0 software version provides multi-lingual facility, Aadhar Virtual ID option and fertilizer recommendation based on soil health card.

5.11 Amendment in FCO for Implementation of DBT for Fertilizers

5.11.1 FAI has been taking up the issue with Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) of making the sales of fertilizers through POS machines by the retailers mandatory under FCO, 1985.

5.11.2 DAC&FW has been of view that sale through POS machines cannot be made mandatory because working of POS machines has not stabilized yet and there might be network issues or incidences of POS machines going out of order.

5.11.3 The DoF had issued an administrative order to the effect that sale of fertilizers should take place only through POS machines. FAI continues to pursue the issue with DAC&FW for making the sale of fertilizers through POS machine mandatory in line with administrative order of the DoF.

6.0 FAI COURT CASES

6.1 Writ Petition on Fertilizer Bonds (WPC- 1861/2013)

6.1.1 FAI had filed a writ petition for compensation of losses suffered by fertilizer companies on sale of bonds issued during 2007-08 and 2008-09 and also buyback of remaining bonds lying with fertilizer companies.

6.1.2 The written pleadings in this case have been completed. The court order dated 20th February 2018 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.

6.1.3 The respondent submitted additional affidavit on 19th March, 2018 justifying the government’s decision of compensating only 50% losses. However, 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 further argued that the decision to compensate 50% of the loss incurred upon 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.

6.1.4 Subsequently, respondent DoF issued a letter no. 12012/39/4008-FPT/MPR dated 12th April, 2019 addressed to Chief Executives of concerned fertilizer companies conveying their decision that the remaining 50% of the total loss on account of buyback of bonds shall be borne by the fertilizer companies. DoF also decided that no further intervention is necessary in respect of losses incurred on sale of bond or buyback of fertilizer bonds as well as in respect of the unsold bonds with the fertilizer companies.

6.1.5 In response to the above decision of the DoF, FAI counsel filed an application on 3rd May, 2019 seeking ad-interim stay on the Ex-party letter dated 12th April, 2019 issued by the DoF and also requesting to adjudicate the writ petition on its own merit and to quash the letter dated 12th April, 2019.

6.1.6 The application by FAI counsel was admitted and the same came up for hearing on 6th May, 2019 wherein notice was served on the respondent. The Hon’ble Court order stated that the reply by the respondent be filed within a period of 3 weeks and rejoinder, if any be filed
within 2 weeks thereafter. The case has now been listed for 7th November, 2019.

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

6.2.1 FAI had filed a writ petition in Delhi High Court in July, 2013 for payment of interest on delayed payment of subsidy. The Hon’ble High Court in its order dated 27th August, 2014 directed DoF to decide the matter 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. The written pleadings in this case have been completed. 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. Since then, hearing has been adjourned a number of times and was listed on 2nd August, 2019. During the hearing on 2nd August, 2019, Sr. FAI Counsel, Mr. Arvind Nigam submitted to Hon’ble Court that even though the Petitioners had filed the chart pursuant to the Court Order dated 5th March, 2018 indicating therein the dues by respondents on account of outstanding subsidy and interest, there has been no response to the same by the respondent. Respondent’s counsel sought two weeks’ time to file an affidavit in this regard which was allowed by the court. The case is now listed for 8th November, 2019.

6.3 Writ Petition for Recovery of ACTN Prior to 1st April, 2011 (WPC- 1822/2016)

6.3.1 FAI had filed a Writ Petition in Hon’ble Delhi High Court on 27th March, 2015. 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 the 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 payment for the past period was declined.

6.3.2 Hence, a new Writ Petition [W.P. (C) 1822/2016] was filed wherein the DoF’s order dated 20th November, 2015 has been challenged. Since, then the case has been progressing slowly. In the hearing on 29th January, 2019, FAI senior counsel argued that the decision of the respondent to not reimburse the additional taxes is, per se, discriminatory, as similar tax (purchase tax) levied on natural gas was reimbursed to one of the fertilizer companies. He further stated that this was one of the grounds urged by the petitioner before the concerned authority. However, the same has not been dealt with. The counsel for the respondent sought time to file an affidavit in this regard. The court allowed 3 weeks’ time for filing the affidavit by the respondent. The case was listed for 8th March, 2019 but could not be taken up. The case was then listed for 25th April, 2019. However, on 25th April, 2019 the counsel for respondent sought further time to file the affidavit. The respondent was allowed one-week time for the same. The case was listed on 2nd August, 2019. During hearing on 2nd August, 2019, the arguments were partly heard. Both parties were asked to file written synopsis of their arguments not exceeding two pages each along with authorities relied upon by them before the next date of hearing which is now scheduled for 17th September, 2019.

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

6.4.1 Independent Gas Based Power Producers’ Association of Andhra Pradesh had filed a SLP in Supreme Court challenging the order of High Court of Andhra Pradesh. The Association had challenged the policy of allocation of domestic gas by the Union of India. FAI was one of the respondents 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. The 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 last listed on 2nd May, 2018. There has been no further progress of the case. FAI’s advocate always attends the court on the listed dates.

6.5 Case Relating to Marketing Margin (W.P. (C) No.3050/2012), (LPA 371/2016)

6.5.1 Pursuant to the order of 12th November, 2014 of Hon’ble Delhi High Court in FAI Writ Petition for payment of marketing margin on gas from KG-D6 and subsequent contempt petition, the Government 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 several times and heard between April 2017 and September 2018.

6.5.2 After several adjournments at the request of GoI, the Division Bench of Hon’ble High Court finally refused to condone the delay in hearing on 27th September, 2018 and dismissed the LPA. FAI had filed a caveat in Supreme Court in case the order dated 27th September, 2018 of Hon’ble Delhi High Court was challenged in the Supreme Court. GoI filed an LPA in Hon’ble Supreme Court which had also been dismissed on 29th February, 2019. Our original petition WP(C)No. 3050/2012 was listed on 19th March, 2019 ASG took the position that Court order has already been complied which was not accepted by the Court. ASG requested for time to take instructions as to whether orders dated 12th November, 2012 and 16th December, 2015 have been complied with in its letter and spirit. In the hearing on 28th and again on 29th March, 2019, DoF offered to pay from the date of court order dated 12th November, 2014. This was not accepted by FAI Counsel. On the direction of the court, FAI and GoI filed affidavits stating their respective positions. The Hon’ble High Court of Delhi vide order dated 23rd April, 2019 disposed of FAI application for payment for past period with liberty to challenge the GoI circular dated 24th November, 2015 for payment of Marketing Margin prospectively. The matter was discussed in the FAI Board in its 392nd Meeting held on the 7th May, 2019. It was decided by the FAI Board to file a fresh writ-petition for re-imbursement of Marketing Margin on supply of gas from KG-D6 for period prior to November 2015. Accordingly, FAI filed fresh Writ Petition No. WP (C) No. 6068 of 2019 on behalf of member companies. The matter could not be taken up on 15th July 2019 and listed on 3rd September 2019.

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

6.6.1 As informed in earlier Annual Reports, 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 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 was no further listing of the matter. FAI’s advocate on record always attends the court whenever matter is listed.

7.0 BUDGET ALLOCATION AND PAYMENT RELATED ISSUES

7.1 Carry Forward of Outstanding Subsidy Dues

7.1.1 Timely payment of subsidy by the government is very important for fertilizer industry because subsidy constitutes 79%, 28% and 27% of cost of urea, DAP and MOP, respectively, excluding GST. For other fertilizers also, subsidy constitutes about 30% of the cost. Delay in payment of subsidy results in increase in working capital requirement and the interest cost on such increased working capital. Such interests are not recognized and reimbursed by the government under pricing and subsidy policy. Hence, undue delay in payment of subsidy impacts the cash flow and viability of the operations. In spite of efforts of the industry, payment situation has not improved. This is primarily due to inadequate budget provisions and also partly due to procedural matters. Experience of the past few years has been that about Rs. 40,000 crores of unpaid subsidy dues of one year are carried forward to the next year, as can be seen from the Table given below.

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount (Rs. Crore)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-16</td>
<td>43,355.95</td>
</tr>
<tr>
<td>2016-17</td>
<td>39,057.11</td>
</tr>
<tr>
<td>2017-18</td>
<td>32,053.21</td>
</tr>
<tr>
<td>2018-19</td>
<td>39,053.21</td>
</tr>
</tbody>
</table>

# = Source GoI
* = Estimated at FAI based on data of 23 fertilizer companies
** = Estimated at FAI based on data of 28 fertilizer companies

7.1.2 With implementation of DBT scheme for fertilizer sector all over the country from March 2018, subsidy payment is supposed to be made on weekly basis. But, the same has not happened due to budget constraints. The government had assured to clear all previous dues before implementation of present model of DBT to facilitate smooth functioning of DBT system. However, this assurance was also not fulfilled, again due to budget constraints. Thus, the current outstanding dues comprise both the dues under DBT and also the pending...
dues of period prior to implementation of DBT. Further, there is significant amount of dues pending for which bills could not be generated by the fertilizer companies due to procedural delays like delay in notification of revised subsidy and freight rates, delay in updating the computerized system (iFMS) for bills generation and other decisions pending on the part of the government. The following Table brings out outstanding dues as on 1st April, 2019 under different categories, as stated above.

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) Under DBT System</td>
<td></td>
</tr>
<tr>
<td>i. Bill generated but not paid</td>
<td>16243.09</td>
</tr>
<tr>
<td>ii. Bill could not be generated</td>
<td>3781.78</td>
</tr>
<tr>
<td>Sub Total</td>
<td>20024.87</td>
</tr>
<tr>
<td>(B) Other than DBT including previous years*</td>
<td></td>
</tr>
<tr>
<td>i. Bill generated but not paid</td>
<td>7662.16</td>
</tr>
<tr>
<td>ii. Bill could not be generated*</td>
<td>11366.18</td>
</tr>
<tr>
<td>Sub Total</td>
<td>19028.34</td>
</tr>
<tr>
<td>(C) DBT + Non DBT</td>
<td></td>
</tr>
<tr>
<td>i. Bill generated but not paid</td>
<td>23905.25</td>
</tr>
<tr>
<td>ii. Bill could not be generated*</td>
<td>15147.96</td>
</tr>
<tr>
<td>Total (A+B)*</td>
<td>39053.21</td>
</tr>
</tbody>
</table>

Note: Based on data received from 28 fertilizer companies. *= including Rs. 87.48 crore dues on account of Modified NPS-III for GSFC for which break up is not available.

### 7.2 Fertilizer Industry – Pre-budget Memorandum

7.2.1 FAI submitted Pre-Budget Memorandum of fertilizer industry for Union Budget 2019-20 (Interim budget) on 28th December, 2018 to the Ministry of Finance and Department of Fertilizers. The Memorandum submitted to the Finance Ministry had requested the following:

(i) Allocation of additional funds of at least Rs. 30,000 crore for the year 2018-19 to clear the pending backlog.

(ii) Adequate allocation for the year 2019-20 considering realistic assessment of requirement based on notified policy and also the backlog of previous years.

7.2.2 The Memorandum to the DoF inter-alia requested the following:

(i) Expediting the weekly payment against bills already submitted under DBT,

(ii) Expediting payment of pending subsidy dues other than DBT including previous year’s dues and escalation claims for urea,

(iii) Additional allocation of Rs. 30,000 crore for the year 2018-19,

(iv) Special Banking Arrangement to tide over the shortage of funds even after supplementary grants, and

(v) Adequate allocation of funds for the year 2019-20 based on the realistic assessment.

7.2.3 However, the budget allocation for 2019-20 was increased only marginally to Rs. 74,996 crore in the interim budget. In view of the ensuing final Union Budget 2019-20 after the Lok Sabha Election 2019, FAI again sent a representation in May, 2019 to the Finance Ministry requesting for allocation of additional Rs. 50,000 crore for fertilizer subsidy for the year 2019-20 considering the realistic assessment, likely increase in subsidy requirement for urea on account of rise in gas price and production from a new plant, and the pending backlog of the previous years.

### 7.3 Budget Allocation

7.3.1 Table given below shows budget allocation for fertilizer subsidy for 2017-18, 2018-19 and 2019-20 under various heads:

<table>
<thead>
<tr>
<th>Fertilizer Subsidy 2017-18 to 2019-20 as per Budget Documents (Rs. Crore)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulars</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>BE</td>
</tr>
<tr>
<td>(A) Urea Subsidy</td>
</tr>
<tr>
<td>Payment for indigenous urea</td>
</tr>
<tr>
<td>Payment for urea freight subsidy</td>
</tr>
<tr>
<td>Payment for imported urea (net of recovery)</td>
</tr>
<tr>
<td>Direct benefit transfer in fertilizer subsidy</td>
</tr>
<tr>
<td>(B) Nutrient Based Subsidy (B)</td>
</tr>
<tr>
<td>Payment for indigenous P&amp;K fertilizers</td>
</tr>
<tr>
<td>Payment for imported P&amp;K fertilizers</td>
</tr>
<tr>
<td>(C) Payment for City Compost</td>
</tr>
<tr>
<td>(D) Grand Total (A+B+C)</td>
</tr>
</tbody>
</table>

Source: Union Budget - 2019-20 (Final Budget presented on 5th July, 2019)

BE= Budget Estimate, RE= Revised Estimate

7.3.2 The Year 2018-19: The financial year 2018-19 started with an estimated unpaid subsidy bills of more than Rs. 32,000 crore carried forward from the previous year (2017-18). Budget allocation for 2018-19 was Rs. 70,090.35 crore. This amount was reduced to Rs. 70,085.70 crore in the Revised Estimate (RE). This reduction of Rs. 4.65 crore was on account of payment
of subsidy for imported urea. After adjusting for the backlog of previous year, the amount left over for the year 2018-19 was only about Rs. 38,000 crore. This was grossly inadequate to meet the requirement for the year. Accordingly, the year 2018-19 also ended with an unpaid subsidy dues of more than Rs.39,000 crore. This is in spite of Special Banking Arrangement (SBA) of Rs. 10,000 crore, which has now been repaid from the budget allocation for 2019-20.

7.3.3 **The year 2019-20**: As can be seen from the Table, allocation for 2019-20 provided in the Union Budget is Rs. 79,996 crore. There is first claim of bank loan of Rs. 10,000 crore of previous year under SBA. Further, there are arrears of 2018-19 of Rs. 39,000 crores as stated above. The amount left for the current year, after deducting previous year’s dues and repayment of SBA, is only about Rs. 31,000 crore. Subsidy on domestic urea is also estimated to be higher for the year 2019-20 at about Rs. 58,000 crore due to higher cost of natural gas and additional production from new plants. Therefore, allocation of Rs. 43,050 crore is inadequate even for the year itself. The total requirement of funds for 2019-20 including previous year’s backlog and SBA is estimated to be Rs. 138,000 crore. After deducting funds from the budget allocation of Rs. 79,996 crore, the likely shortfall is more than Rs. 58000 crore. FAI in its representations to the DoF and Ministry of Finance has requested for additional allocation of Rs. 50,000 crore for 2019-20 to clear pending past dues and keep the payment up to date during the current year.

8.0 **GOODS & SERVICES TAX (GST)**

8.1 FAI continued to pursue with GST Council, Ministry of Finance and Department of Fertilizers for addressing the GST related issues of the fertilizer sector. These issues *inter-alia* included the following:

(i) Reduction in rate of GST on fertilizer grade phosphoric acid to 5%,
(ii) Classification of imported fertilizers used in manufacture of other fertilizers in the category of GST rate of 5%,
(iii) Refund of unutilized input tax credit (ITC) in respect of both input and input services under the inverted duty structure,
(iv) Refund of unutilized ITC arising due to exemption of fertilizer subsidy from levy of GST, and
(v) Reduction in applicable rate of GST for movement of fertilizer through multi-model transport to 5% to bring in parity between freight cost of fertilizers by rail and multi-model transport.

8.2 As a result of persistent follow up by FAI at various levels in the government, a separate category of fertilizer grade phosphoric acid was carved out in the GST Tariff structure and the rate of GST on fertilizer grade phosphoric acid was first reduced from 18% to 12% in January, 2018. However, GST rate of even 12% was resulting in large amount of unutilized input tax credit. Hence, FAI continued the efforts for further reduction to 5%. The rate of GST on fertilizer grade phosphoric acid was finally reduced to 5% in July 2018. This provided great relief to the phosphatic fertilizer units.

8.3 The issue of GST on fertilizers supplied for use in the manufacture of other fertilizers was also addressed by Circular no. 54/28/2018-GST dated 9th August, 2018 issued by the Department of Revenue. This Circular clarified that fertilizer supplied for direct use as fertilizers, or supplied for use in the manufacturer of other complex fertilizers for agricultural use (soil or crop fertilizers), will attract 5% GST.

9.0 **ISSUES RELATED TO SUPPLY OF NATURAL GAS**

9.1 **Allocation of Natural Gas**

9.1.1 EGOM in its meeting of 23rd August 2013 had allocated 31.5 MMSCMD domestic natural gas to fertilizer sector. Since then, there has been continuous reduction in supply of domestic natural gas to fertilizer sector. The share of domestic gas has reduced from 75% in 2013 to less than 40% during 2018-19. FAI continued to represent to the DoF for additional allocation of domestic natural gas which can save subsidy substantially.

9.1.2 FAI has been taking up the issue of allocation of natural gas to NPK sector (three fertilizer units in the country) regularly with DoF. It is understood that the matter was discussed by DoF in meetings of Inter-Ministerial committee (IMCs). However, there has been no progress in the matter. Three units namely RCF, GSFC and DFPCL are still awaiting for allocation of gas from gas pool. FAI in its letter dated 12th June, 2018 to the Secretary (Fert.) reiterated to expedite allocation of gas to 3 NP/NPK fertilizer plants from gas pool.

9.1.3 Department of Fertilizers vide its letter dated 12th June, 2018 had sought comments of FAI on a proposal to rationalize the allocation of domestic natural gas to urea manufacturing units proportionate to their reassessed capacity (RAC). The proposal along with the Annexure indicating the proposed reallocation was sent to the concerned urea companies for comments. The matter was discussed in the meeting of urea CEOs on 28th June, 2018. There were diverse views of the members about the proposal. FAI in its letter dated 6th August, 2018 informed the DoF that due to
lack of consensus amongst FAI members, FAI had no comments to offer on the issue.

9.2 Increase in Tariff for Natural Gas Pipelines

9.2.1 The Petroleum and Natural Gas Regulatory Board (PNGRB), had issued a public consultation document dated 18th October, 2018 on its website for proposed increase in tariff of its HVJ and HVJ upgradation pipelines. The document was circulated to members for comments. The increase of tariff proposed by GAIL was very steep. For HVJ pipeline, the proposed tariff increase was from Rs. 25.46 per MMBTU to Rs. 175.20 per MMBTU and for DVPL GREP Upgradation from Rs. 53.65 per MMBTU to Rs. 88.09 per MMBTU. FAI wrote to the PNGRB on 1st November, 2018 stating that increase in tariff would affect the working capital of the fertilizer companies, increase the subsidy outgo of the Government of India and increase the prices of decontrolled P&K fertilizers. FAI requested the PNGRB to invite comments from the Department of Agriculture, Cooperation and Farmers Welfare. FAI also wrote a letter to the DoF with a request to take up the matter suitably with the PNGRB. FAI requested members to provide the information on financial impact of the proposed increase in tariff. Based on the comments received, FAI sent a letter to the Secretary (Fert.) alongwith a copy of the comments sent to the PNGRB. DoF was also requested to take up the issue with PNGRB to minimize the impact of tariff increase on fertilizer industry and not to implement tariff increase retrospectively.

10.0 ISSUES RELATED TO TECHNOLOGY AND ENERGY USE IN FERTILIZER SECTOR

10.1 Energy Conservation Guidelines

10.1.1 The Bureau of Energy Efficiency (BEE) has been mandated by the Ministry of Power to develop generic energy conservation (EC) guidelines for designated consumers in industry sector to enable individual industrial units to prepare their Energy Management Manual and put it in practice to improve performance. BEE organized a consultative meeting and two workshops with Industry Associations and other stakeholders. FAI emphasized that such guidelines would have limited relevance to the fertilizer industry and should remain strictly voluntary. FAI after consultation with members sent a detailed representation to BEE on 27th March 2018 highlighting that the 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 vide its letter dated 24th April, 2018 clarified that guidelines are not mandatory as of now and it is purely voluntary for an industrial unit to follow the prepared guidelines. Subsequently, a meeting was held in BEE office on 6th July 2018. It was informed that one plant in each sector had been identified for implementation of the guidelines. In September 2018, the BEE released the final document of the guidelines.

10.2 Energy Service Companies (ESCOs) Market

10.2.1 The Bureau of Energy Efficiency organized a meeting on 11th May, 2018 with various industries and Energy Service Companies (ESCOs) to identify problems in development of ESCO market in India and formulating a policy to address them. The meeting was chaired by Director General, BEE. Joint Director, NITI Aayog was also present. Director, BEE made a presentation on ESCOs in India and compared it with Chinese experience. The DDG, FAI participated in the meeting. He highlighted that the huge investment would be required in the fertilizer sector for further reduction in energy consumption. Present ESCOs are small and can only participate in small projects.

10.3 Energy Conservation and PAT Scheme in Fertilizer Industry

10.3.1 Roadmap for Sustainable and Holistic Approach for National Energy Efficiency (ROSHANEE)

10.3.1.1 The Bureau of Energy Efficiency organized a stakeholder consultation meeting on 7th August, 2018 to discuss the Roadmap for Energy Efficiency for the Nation. The ROSHANEE is rechristened version of The National Mission Enhanced for Energy Efficiency (NMEEE). Perform Achieve and Trade (PAT) scheme may be made part of this new scheme. This scheme involves all sectors, viz., industry, agriculture, transport, building, utility and appliances.

10.3.1.2 The objective of the meeting was to identify the barriers of existing scheme and suggest measures to incentivize energy efficiency in a sustainable manner. FAI participated in the meeting and provided its inputs. It was highlighted that the fertilizer sector could exceed the energy saving target for PAT Cycle 1 due to change of feedstock in 4 fuel oil based plants and major revamps in another 6 plants. Industry invested more than Rs. 9500 crore in feedstock change and revamp projects during the period. Further energy savings would require huge capital investment with longer payback periods. The present urea pricing policy does not allow generation of surplus funds for such large investment. A number of fertilizer plants will not be able to achieve energy saving targets of PAT Cycle 2.
10.3.1.3 The Group discussed the comments from other industrial sectors and financial institutions. Some of the suggestions discussed were reducing threshold to include more plants under preview of PAT, soft loans and tax incentives for energy saving projects, identifying technologies, creating a pool of experts to advise on energy efficiency, better trading mechanism for Energy Saving Certificates, etc. Subsequently, FAI sent a representation to the BEE on 17th August, 2018 underlining the technical and financial constraints in further improving the energy efficiency by fertilizer industry.

10.3.2 Perform Achieve and Trade (PAT) Scheme

10.3.2.1 Fertilizer sector is one of the eight sectors identified for energy saving under PAT Scheme of BEE, the Ministry of Power. In the first cycle of PAT, 29 DCs were identified and given energy saving targets to be achieved in three years. The assessment year for the PAT Cycle 1 was 2014-15. In PAT Cycle 1, fertilizer sector achieved 0.78 million tonnes of oil equivalent (mTOE) against the target of 0.477 mTOE. Subsequently, new targets were notified by BEE for the 29 DCs for the PAT Cycle 2. In the PAT Cycle 2, eight new DCs were also added and given energy saving targets. Out of eight DCs, two DCs are the urea plants which were under shutdown during PAT Cycle 1 and 6 DCs are the complex fertilizer plants. The target for fertilizer sector in PAT cycle 2 is to save 0.446 mTOE. The year 2018-19 is the assessment year for the designated consumers (DCs) in PAT Cycle 2.

10.3.2.2 Under PAT Scheme, normalization is allowed for the events which are beyond control of the plant management. The normalization factors for the ammonia and urea plants were identified and have been notified by BEE. Since the complex fertilizer plants were added in PAT Cycle 2, normalization factors are not yet finalized. BEE constituted a sub-committee to work out the normalization factors for complex fertilizer plants. The sub-committee is comprised of subject expert, BEE officials, 4 members from the concerned DCs, and one member from FAI.

10.3.2.3 Five meetings of the sub-committee were held till March 2019. The normalization factors were also discussed in FAI Technical Advisory Committee Meeting held in January 2019. The sub-committee identified parameters that have bearing on energy consumption such as product mix, capacity utilization, level of sulphuric acid production, change in concentration of phosphoric acid, change in source of power and steam, etc. The calculation methodology and quantum of energy loss due to each factor were determined by BEE after receiving inputs from the members. The normalizations were to be approved by the Sectoral Expert Committee of BEE.

10.4 Indian National Strategy for Standards

10.4.1 The Department of Fertilizers forwarded a document on “Indian National Strategy for Standards” for comments. The document addresses three areas of standard development viz., Standardization, Conformity Assessment and Technical Regulations. In its reply to Secretary (Fert.) on 26th March, 2018, FAI mentioned that the fertilizers fall under Essential Commodities Act and product standards are already developed under FCO and mechanism for conformity is in place. However, there is a need to include normalization in product standards due to minor deviations. Finally, the analysis of products should be quick and reliable. There is a need to enhance the capability of quality control laboratories in terms of facilities and manpower at Central and State levels.

10.5 Formation of a Society for Research and Development Work in Fertilizer Sector

10.5.1 As mentioned in previous year’s Annual Report, Government of India vide notification No. 15061/1/2016-FP dated 16th September, 2016 set up Indian Council of Fertilizer and Nutrient research (ICFNR). It also notified constitution of Governing Council under the Chairmanship of Hon’ble Minister of Chemicals and Fertilizers and an Executive Committee under the Chairmanship of Secretary (Fert.). There was no representation of FAI and fertilizer companies other than PSUs either in Governing Council or Executive Committee.

10.5.2 NFL vide communication dated 6th September, 2018 proposed to form a society named as “Indian Council for Fertilizer and Fertilizer Technology Research (ICFFTR)”. The objective of the society is to promote research in the areas of fertilizer manufacturing technologies, use of indigenous raw materials, innovation in fertilizer products, development of new bio-fertilizers, organic fertilizers & their derivatives and dissemination of information on the latest developments in fertilizer sector. NFL, RCF and FAGMIL would be founding members and together would contribute Rs. 5 crore as seed money for operation of the society. It was proposed that other PSUs and FAI would be invited to become members of the society. Leading private/cooperative fertilizer companies would also be invited to become members at later stage. There would be a one-time membership fee of Rs. 5.0 lakh and annual subscription of Rs. 1.0 lakh. FAI was requested by NFL to convey its consent to become member of the society.

10.5.3 FAI had replied that setting up of the society seems to be at initial stage. The desirability of setting up of society is not clear. More details are required.
regarding categories of memberships, obligations and privileges of members in functioning of the society and relationship of proposed ICFFTR with earlier notified ICFNR.

10.6 Declaration of Fertilizer Industry as Public Utility Service

10.6.1 The Declaration of fertilizer industry as Public Utility Service (PUS) was deliberated in details in various Board meetings of the FAI. The details were reported in the previous year’s Annual Report. FAI Board, in its meeting held in March 2018, decided that the same procedure of declaring the industry as PUS by concerned appropriate government be continued even for public sector companies as was before amendment dated 18th August, 2010 of Industrial Dispute Act 1947. Accordingly, FAI sent a letter to the DoF on 9th April, 2018 conveying the decision of the Board.

10.6.2 Department of Fertilizers vide its letter dated 27th June, 2018 sought information regarding number of employees, incidence of strikes and time lost due to strikes, etc., in private fertilizer companies. Information was received from the ten member companies and same was forwarded to the DoF.

10.6.3 The Ministry of Labour and Employment issued two separate notifications on the PUS. Vide SO 6362(E) dated 28th December, 2018, the Ministry of Labour and Employment added the chemical fertilizer industry in the First Schedule of Industrial Dispute Act, 1947 (14 of 1947). The Central Government, vide the second notification S.O. 6363(E) dated 28th December, 2018, declared chemical fertilizer industry as PUS for a period of six months from the date of publication of the notification.

10.7 Energy Consumption and Benchmarking in Ammonia Urea Plants

10.7.1 FAI continues to monitor energy consumption of Indian ammonia and urea plants. The weighted average energy consumption for ammonia plants for the year 2018-19 was 8.31 Gcal/MT ammonia which was lower than 8.35 Gcal/MT during 2017-18. The weighted average energy consumption for gas based ammonia plants was 8.14 Gcal/MT in 2018-19 compared to 8.17 Gcal/MT during previous year. The weighted average energy consumption of urea plants was 5.89 Gcal/MT during 2018-19 compared to 5.91 Gcal/MT during previous year.

10.7.2 FAI has initiated a benchmarking exercise of key process parameters in ammonia and urea plants for the period of 2017-18. The benchmarking study will help the plants to compare their operating matrix and identify scope for improving the operational efficiency. The benchmarking report will be provided to each participating unit.

11.0 ISSUES RELATED TO ENVIRONMENT AND SAFETY

11.1 Guidelines for Continuous Emission and Effluent Monitoring System

11.1.1 The Central Pollution Control Board (CPCB) issued two set of guidelines during the year; one on continuous online monitoring system for emission in June 2018 and second for effluents in July 2018. The guidelines on emissions stipulate the requirement for continuous emission monitoring system, appropriate technology to be selected based on the type of stack and sector specific parameters to be monitored. The guidelines expanded the scope of monitoring and included monitoring of some process parameters such as flow, temperature, moisture and oxygen in emissions. Stack of boilers on coal based captive power plants have also been included. Further, it required instruments to have remote calibration facility.

11.1.2 In case of effluent, a number of requirements were added such as system memory to record data for at least one year, data transmission capability to multiple locations, automatic water matrix change feature, etc.

11.1.3 FAI sent a detailed representation on 31st July, 2018 to the CPCB based on the feedback received from the members and requested for a meeting with concerned CPCB officials to discuss the issues raised in the representation. The CPCB convened a meeting with industry representatives on 14th August, 2018. The meeting was chaired by Additional Director and Head (IPC-I) division. Representatives from 13 ammonia-urea, complex and SSP plants who had provided substantial comments participated in the meeting. The CPCB officials provided clarifications on a number of issues. It was also clarified that in case of any specific problem, fertilizer plants can individually represent to the CPCB with technical data.

11.1.4 As a follow-up, FAI sent a letter to the CPCB on 23rd August, 2018 summarizing the discussion and requested CPCB to issue instructions on the issues clarified during the meeting. FAI also sent a representation on 31st August, 2018 with results of trials of online monitoring system for particulate matter (PM) emission conducted by several complex fertilizer plants. It was requested that complex fertilizer plants be exempted from online monitoring of PM till reliable technology is available.
11.2 Guide for Treatment and Disposal of Effluents from Fertilizer Industry

11.2.1 Bureau of Indian Standards (BIS) had issued a Standard “IS 9841: 1981 Guide for treatment and disposal of effluents of fertilizer industry”. The Guide was developed 37 years back and most of the information is outdated. FAI suggested that the Guide would be required to be completely revised. On the request of BIS, FAI has undertaken a task to review the Guide and engaged a consultant to work on the revision of the Guide. The development of Guide is under progress.

11.3 Plastic Waste Management Rules, (Amendment) 2018

11.3.1 The Ministry of Environment, Forests and Climate Change (MoEFCC) vide GSR 320 (E) dated 18th March, 2016 notified the Plastic Waste Management Rules 2016. FAI represented to the MoEFCC apprising the practical difficulty in complying with the Rules. Subsequently, the MoEFCC issued an amendment notification GSR 285 (E) dated 27th March, 2018. As per the amendment, plastic bags were permitted for alternative use. In case of fertilizer, farmers utilized the bags for storing farm produce and other materials. FAI sent another representation to the MoEFCC on 8th April, 2018 reiterating that it would not be practical for fertilizer industry to collect all bags after the alternative use by the farmers. FAI highlighted that fertilizer industry used about 1260 million bags in a year. These bags are sold to 138 million farmers. Since bags are reusable and with such a large consumer base, it will not be practical to collect bags at the end of the life and account for them. It was suggested that local administration may set up collection centers where end user may deposit bags after its useful life. Fertilizer industry at best can educate farmers for use and safe disposal. There was no response from the MoEFCC. A representation was also sent to the Secretary (Fert.) on 6th August, 2018 to take up the issue suitably with the MoEFCC.

11.3.2 The issue was discussed in the meeting of FAI Board on 5th December, 2018. As a follow up to the meeting, a small Committee of Board was constituted to discuss the issues related to the Plastic Waste Management. The meeting of the Committee was held on 7th February, 2019 in FAI. The members deliberated the provisions of the Plastic Waste Management (PWM) Rules. There were doubts raised on the applicability of the PWM rules to the fertilizer industry. However, CPCB has clarified that these are applicable to the fertilizer industry. The Committee decided to work out a strategy for compliance with the Rules. A representative of the Producer Responsibility Organizations (PRO) engaged in helping brand owners to meet their obligations was invited to the meeting of the Committee. PRO is registered with the CPCB. He suggested that the industry should demonstrate some efforts in meeting their obligations. Since fertilizer bags are used number of times by the farmers and serving the purpose of alternate use, the Committee decided that FAI may commission a study to an agency to carry out the Life Cycle Analysis of fertilizer bags to establish the multiple usage by the farmers and other sections of the society. FAI may then represent the case to the regulator for seeking exemption for large bags from compliance of the PWM Rules.

11.3.3 The PRO was requested to submit a proposal to FAI to carry out the study. The proposal was discussed with the representatives of the agency in FAI wherein FAI suggested some changes. The revised proposal was circulated to the members of the Board Committee for comments and put for approval of the FAI Board in its meeting on 7th May, 2019. The Board approved the proposal and the study was awarded.

11.4 UN Resolution on Sustainable Nitrogen Management

11.4.1 United Nations Environment Assembly (UNEA) in its fourth meeting during 11-15th March 2019 at Nairobi adopted a resolution on “Sustainable Nitrogen Management”. The resolution emphasizes on the need for better management of global nitrogen cycle. This has direct implication for use of ‘Nitrogen’ in agriculture and would require initiatives for better nutrient management practices in agriculture for improving nitrogen use efficiency. The resolution calls on the Executive Director of the United Nations Environment Programme (UNEP) to take the follow-up action.

11.4.2 FAI wrote letters to Secretary (Fert.), Secretary (MoEFCC) and Agriculture Commissioner (DAC&FW) bringing to their notice the contents of resolution. It was conveyed that any communication by the Ministry of Environment, Forests and Climate Change with United Nations Environment Programme (UNEP) on the subject should be in consultation with the Ministry of Agriculture & Farmers Welfare, the Department of Fertilizers, and fertilizer industry. Subsequently, FAI wrote again to MoEFCC that FAI could provide useful inputs for follow-up action on the resolution.

12.0 DEVELOPMENTS RELATED TO FERTILISER CONTROL ORDER (FCO)

12.1 Central Fertilizer Committee Meeting

12.1.1 Four meetings of Central Fertilizer Committee (CFC) were held during 2018-19. 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 included; regulatory authority in fertilizer sector; re-constitution of central fertilizer committee (CFC); inclusion of new fertilizer products in FCO; amendment in specifications of neem coated urea; DoF proposal regarding specification and penalty scale of imported fertilizers; third analysis of fertilizer sample; frequency of collection of compost samples; reduction in time limit of analysis of fertilizer sample; reduction in the weight of sample of water soluble fertilizers for testing, etc.

12.2 Re-constitution of Central Fertilizer Committee

12.2.1 Agriculture Commissioner, Government of India, used to be the Chairman of the CFC. However, in August 2012, when the position of Agriculture Commissioner was lying vacant, Additional Secretary, Integrated Nutrient Management (INM), Department of Agriculture and Cooperation, was nominated as the Chairman of CFC.

12.2.2 DG, FAI vide his letter dated 5th January, 2018 to Joint Secretary (INM), Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW) expressed about the desirability of CFC to be headed by Agriculture Commissioner, who happens to be a technical and professional person with clear understanding of the subject. Consequently, the Central Government vide SO 4199 (E) dated 29th August, 2018 reconstituted the CFC with Agriculture Commissioner, Government of India as its Chairman; and Joint Secretary (INM), DAC&FW; Deputy Director General (Soils), ICAR; Joint Secretary (Fertilizers), DoF; Director, CFQC&TI or Director, NCOF; Director General, FAI; Director (Agriculture), Karnataka; Commissioner (Agriculture), Madhya Pradesh; Joint Director (Agriculture), Delhi as members. Additional Commissioner (INM), DAC&FW is the member Convener of CFC.

12.3 Regulatory Authority in the Fertilizer Sector

12.3.1 Parliamentary Standing Committee on Agriculture in its 54th Report had made a recommendation to the Government to take steps for constitution of a Fertilizer Development and Regulating Authority in order to streamline the process of certification of fertilizers, continuous quality check, imposing penalty for sub-standard and spurious quality of fertilizers, promoting innovations in fertilizer sectors and fixation of pricing of fertilizers, etc. In this context, DAC&FW constituted a Committee under the Chairmanship of Additional Secretary (INM) with Joint Secretary (INM) as Member – Secretary and Joint Secretary (DoF), DG, FAI and Director, CFQC&TI as members.

12.3.2 The Committee held two meetings on 13th November, 2018 and 6th March, 2019 wherein Agriculture Commissioner, DAC&FW and ADG (S&WM), NRM Division, ICAR were also invited as special invitees. The Committee discussed in detail the various provisions contained in Fertiliser (Control) Order, 1985 in view of the recommendations made by the Parliamentary Standing Committee.

12.3.3 The Committee observed that FCO is a stringent piece of legislation under ECA to ensure availability of quality fertilizers with a well-defined quality control mechanism. The Committee also noted that agriculture being a State subject, State Governments are adequately empowered to implement various provisions of FCO. State Governments are advised to fix such number of Notified Authorities/Inspectors/Analysts, as they deemed fit based on the respective requirement of the state. It is the prime responsibility of the State Government to ensure availability of quality fertilizers to all the farmers as per the specifications given in FCO and to invoke various provisions contained in FCO and ECA for violations of FCO provisions. The Committee also noted that there exists a well-defined procedure for inclusion of any fertilizer in FCO and provides ample scope for all innovations which suits Indian soils and are beneficial to farmers. Further, FCO specifies all functions beginning from allocation/distribution of fertilizers to quality control. After detailed deliberations, the Committee is of the view that the concerns raised by the Parliamentary Standing Committee are well taken care of under the various provisions of FCO and obviates the need for constitution of Fertilizer Development and Regulating Authority in fertilizer sector.

12.4 Inclusion of New Fertilizer Products in FCO

12.4.1 The inclusion of new products in FCO is an ongoing process. The fertilizer products included in FCO under various schedules/clauses of FCO during 2018-19 are given below:

Schedule-I
- Boron ethanolamine (10% B)
- Elemental Sulphur fortified with Zinc Oxide in micro-granule form (67% S and 14% Zn)
- NPK 8:21:21 with Mg, S, Zn and B
- DAP with 4% S

Schedule-IV
- Potash derived from Rhodophytes (20% K₂O)

Schedule-IV
- General Specifications of Non-Edible De-oiled Cake
12.5 Revised Specification of Neem Coated Urea

12.5.1 The issue of revised specification of neem coated urea (NCU) has been under discussion since its notification vide S.O.1323(E) dated 22nd March, 2018. The matter was discussed in FAI Board Meeting. All urea manufacturers were requested to do the analysis of neem oil and neem oil extracted from NCU for specifications as per the method given in the notification and send the results to FAI. Based on the results obtained from some of the urea units, FAI sent a representation to Joint Secretary (INM), DAC&FW on 10th September, 2018, expressing the concerns of urea manufacturers in meeting the revised specifications of neem coated urea. It was expressed that the urea units were facing difficulty in extraction of oil residue from NCU as upon soaking in the binary mixture of n-hexane and acetone (4:1), the solvent got completely absorbed in NCU and no solvent could be recovered for analysis of meliacins. The proposed method needs to be standardized by a reputed laboratory which should also explore an alternative to existing n-hexane-acetone mixture.

12.5.2 The results of analysis of neem oil extracted from NCU with benzene immediately after coating, after 15 days, and one month shows a sharp reduction in meliacins content (0.82% to 0.40%). Such a drastic reduction in meliacins content of neem oil extracted from NCU with storage time questions the relevance of fixing specifications for NCU. In view of the complexity of analytical procedure including method of extraction of neem oil from neem coated urea and also the repeatability of procedure and results, FAI suggested that the specifications of total meliacins content should be there for neem oil only.

12.5.3 Keeping in view the seriousness of the problem and its likely implications on urea industry, the matter was also discussed in the FAI Advisory Committee on Agricultural Sciences on 16th January, 2019 and FAI Technical Advisory Committee on 18th January, 2019. The members reiterated that the specification of meliacins content should be only for the neem oil used for coating urea. Specifications for neem oil should be realistic keeping in mind the availability of neem oil in market, reliability of analytical method, availability of standards of different meliacins, etc. Members requested FAI to take up the issue with DAC&FW and discuss in the next CFC meeting.

12.5.4 DG, FAI vide its letter dated 4th February, 2019 appraised the DAC&FW about the concerns of urea manufactures in meeting the revised specifications. He requested the Department to discuss the issue in CFC meeting to be held on 14th February, 2019 as the deadline of enforcement of revised specifications of NCU is 22nd March, 2019. Accordingly, this issue was discussed in CFC meeting. DG, FAI expressed that it was not possible to extract neem oil from NCU by the prescribed method. Moreover, the results of neem oil extracted from NCU with earlier prescribed extractant (benzene) showed a large reduction in meliacins content immediately after coating, after 15 days and 1-month of coating.

12.5.5 On enquiring about the progress of study which was to be undertaken by the Division of Agricultural Chemicals, IARI, New Delhi, the representative expressed inability to complete the study in stipulated time due to various difficulties encountered in implementing the project. Dr. C. Devakumar retired ADG, ICAR who was invited as an expert, informed the Committee that there are a few NABL-accredited laboratories which have the facilities for undertaking such a project. He recommended the name of Asthagiri Herbal Research Foundation for the task.

12.5.6 Chairman, CFC expressed that it is a highly sensitive matter and needs a proper study. The progress of study needs to be monitored on regular basis. After detailed deliberations, CFC observed that in view of the concerns raised by the FAI, it was not justified to enforce the revised specifications immediately and recommended the postponement of the enforcement of proposed specifications by one year.

12.6 Specification and Penalty Scale of Imported Fertilizer

12.6.1 Department of Fertilizers sent a proposal to DAC&FW regarding specification and penalty scale of imported fertilizer. It mentioned that at present urea is the only fertilizer under statutory price control and its import is made on Government account through the three State Trading Enterprises (STEs). Based on the quantity of urea finalised against a tender enquiry, the contracts are signed between STEs and the global urea suppliers. The specifications of both prilled and granular urea are stringent in the contract compared to the specifications given in FCO. There are provisions of levy penalties on the suppliers in the contract in case the supplier fails to supply urea of contractual specifications based on discharge port quality analysis report of CFQC&TI.

12.6.2 The system was working well, however, in the recent past in two cases, the samples analysed by the
CFQC&TI, Faridabad or its regional laboratory have shown deficiency in particle size with reference to contractual specifications. The cargo was fit for direct agriculture use as per the FCO specifications. As per the provisions of the contracts, suppliers opted for umpire analysis. In both the cases, umpire analysis reports were worse than the first reports of CFQC&TI and failed in particle size under FCO too. In both the cases, the cargo was sold for direct agriculture use based on the first report of CFQC&TI.

12.6.3 Since the reports of CFQC&TI and umpire analysis based on the composite sample drawn at discharge port were showing huge difference, there were conflicting views in DoF about the applicability of penalty clause or rejection of cargo clause. The matter was referred to the Committee of Secretaries (CoS) for advice. The draft of the CoS note was sent to DAC&FW for their comments. While furnishing their comments on CoS note, DAC&FW observed that “The FCO derives its power from the statute, the Essential Commodities Act, 1955. So, the specifications prescribed in the FCO are bench mark standards so far as quality testing is concerned. If DoF requires any stringent measures other than specified in FCO, it needs to be brought to the knowledge of Technical Committee (TC) to be considered under FCO. This will ensure uniformity in norms.”

12.6.4 The matter was also placed before the CFC on 19th April, 2018 to review (i) present contractual specifications of prilled and granular imported urea; (ii) procedure of collection of samples at ports and the sample analysis procedure, and (iii) norms of scale of penalties. After detailed discussion, CFC observed that DAC&FW is mainly concerned with the FCO specifications and under clause 19 of FCO, it is mandatory for the importer to import only such fertilizers which are of specifications as laid down in FCO. Therefore, DAC&FW has no role in fixing the specifications under contractual provision. It was noted that huge variations have been found only in two urea samples. The CFC also noted that in the recent past, a method of sampling of imported fertilizers has been incorporated in FCO on the recommendation of TC. In view of this, it was decided that DoF may decide the matter at its own level in consultation with all concerned keeping in view the FCO provisions.

12.7 Third Analysis of Fertilizer Sample

12.7.1 Central Fertilizer Committee was informed that the referral laboratories are taking a lot of time in sending the analytical reports. In many cases, the referral and first analysis laboratory declared the sample as non-standard in different parameters. This raised doubts on the genuineness of analysis. On this ground, both reports have been challenged by the aggrieved parties and they have requested for third sample analysis. In two writ petitions filed before the Hon’ble Delhi High Court, directions have already been issued for third analysis.

12.7.2 In view of above, it is for consideration of CFC whether instead of directing the referral lab to analyse the sample in all the parameters, the referral lab may be asked to analyse the sample only in respect of parameter in which the sample was declared as non-standard in first analysis. Alternately, a provision may be made for third analysis in case of two differing reports and then two similar results may be taken as the final report.

12.7.3 After detailed deliberations, CFC observed that it would not be appropriate to get the sample analyzed by a referral laboratory in only those parameters in which it was declared as non-standard in the first analysis. The CFC recommended that in case sample is declared non-standard in different parameters or there is wide variation in two reports, a provision for second appeal for third analysis may be made in FCO and that analysis shall be carried out at any of the five laboratories of National Test House.

12.7.4 A new provision of third analysis has been made in FCO under specific cases. In case, the sample is declared non-standard in different parameters or there is a wide variation in two reports, one can go in for second appeal for third analysis and that analysis shall be carried out at any of the five laboratories of National Test House. The analysis report of third sample will supersede the report of first and referee analysis. The Gazette notification has already been issued in this regard vide S.O 3265 (E) dated 5th July, 2018.

12.8 Clarification on Amendment in Clause 32A of the FCO Regarding Third Analysis

12.8.1 The State Government of Rajasthan has sought clarification on the amendment made in Clause 32A of FCO, 1985 wherein the National Test House was empowered to test the sample as 3rd analysis in case where there is a wide variation between the first analysis report and 2nd analysis report or wherein the results were declared non-standard in different parameters. The State Government has sought clarification on the following:

(i) The date from which the matter for third analysis be considered,

(ii) Definition of the term ‘wide variation’ or criteria for bringing the matter under the term wide variation;

12.8.2 In regard to the point (i), it was decided to clarify
that all such cases whose reports are received after 5th July, 2018, be considered for third analysis. With respect to point (ii) if the variation in nutrient content between 1st analysis and referee analysis is more than the tolerance limit specified in Schedule-IB, then it will come under the definition of wide variation.

12.9 Permission for e-Sale of Fertilizers to Farmers

12.9.1 M/s Agriplex has requested DAC&FW for grant of permission for e-sale of fertilizers to farmers. The e-commerce company will act as retailer. It will function by procuring the materials/fertilizers from the nearest retailers/manufacturers/wholesalers and the same will be delivered to the farmers at their door steps. E-commerce retailer has the capability to deliver required products directly to the customer’s door step. Authentication of the delivery shall be made by capturing a photo of Aadhaar card, farmer’s details like name, address, phone number, farm area, crop area, etc.

To carry out e-commerce, M/s Agriplex sought the following exemptions:

i) Details of logistic service provider
ii) Return policy
iii) Contact details
iv) Procedure for lodging grievance, complaints, etc., on the e-portal and complaint redressal mechanism

12.9.2 The issue was discussed in 56th meeting of CFC and was approved in principle with the directions to DAC&FW to place detailed amendments before CFC for consideration. Accordingly, certain amendments to be carried out in FCO for permitting e-commerce in fertilizer sector were placed before CFC in its meeting on 14th September, 2018.

12.9.3 After detailed deliberations, Committee decided that a separate sub-committee may be constituted with representatives from Department of Fertilizers, Ministry of Consumer Affairs, Ministry of Commerce, DAC&FW, FAI and Dealer Association to examine the modalities of e-market and necessary amendments in FCO.

12.10 General Specifications of Non-edible Deoiled Cake

12.10.1 National Centre of Organic Farming (NCOF), Ghaziabad has submitted a proposal for inclusion of de-oiled neem cake in Schedule V of FCO. This issue was earlier examined by the TC in detail and it observed that in FCO, castor de-oiled cake had already been notified. There are other types of non-edible deoiled cakes which can be used as a source of nutrient. The TC was of the opinion that instead of specifying each kind of non-edible de-oiled cake separately, it is appropriate to include deoiled cake in FCO, with generalized specifications as it is impossible to ascertain the source of such cakes by any method. The Committee requested the Director, NCOF to formulate the specifications of deoiled cake for consideration.

12.10.2 Accordingly, the Director NCOF submitted the following general specifications for non-edible deoiled cake:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Components</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Base</td>
<td>Carrier based in the form of moist/dry powder</td>
</tr>
<tr>
<td>2.</td>
<td>Moisture % by weight, maximum</td>
<td>10.0</td>
</tr>
<tr>
<td></td>
<td>in case of carrier base</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Ash content %, maximum</td>
<td>15.0</td>
</tr>
<tr>
<td>4.</td>
<td>pH</td>
<td>4.5 to 6.5</td>
</tr>
<tr>
<td>5.</td>
<td>Electrical Conductivity (dS/m)</td>
<td>&lt;4.0</td>
</tr>
<tr>
<td>6.</td>
<td>Total nitrogen (%), minimum by weight</td>
<td>1.5</td>
</tr>
<tr>
<td>7.</td>
<td>Total phosphate P₂O₅ %, minimum by weight</td>
<td>0.20</td>
</tr>
<tr>
<td>8.</td>
<td>Total potash K₂O %, minimum by weight</td>
<td>0.50</td>
</tr>
<tr>
<td>9.</td>
<td>Total carbon %, minimum by weight</td>
<td>23.0</td>
</tr>
</tbody>
</table>

The CFC, after detailed deliberations, recommended for inclusion of above mentioned general specifications of deoiled cake in FCO.

12.11 Frequency of Collection of Compost Samples

12.11.1 Department of Fertilizers had referred the matter for reducing the frequency of drawal of samples of city compost from once a month to once in six months to MOA&FW. The DoF was informed that FCO does not provide for any frequency for sample collection. State Governments are primarily responsible for supply of quality fertilizers in their respective States. Moreover, quality of city compost depends on the raw material which is city waste and its composition may vary from lot to lot. It is not possible to formulate a generalized view for entire production of the plant based on a sample collected from one lot in a particular crop season. In view of this, it would not be appropriate for DAC&FW to offer any specific comments on the frequency of collection of samples of city compost.

12.11.2 Thereafter, Cabinet Secretariat in their letter have mentioned that the guidelines for drawal and analysis of samples are made under the Fertiliser (Control) Order, 1985 which provides for amendment by the Government of India based on recommendation of Advisory Committee appointed under section 38 of FCO. The Cabinet Secretariat had advised DAC&FW to
refer the matter to the Advisory Committee for taking appropriate action in the matter. Accordingly, the matter for reducing the frequency of drawal of samples of city compost from once a month to once in six months was discussed in the CFC meeting. The CFC observed that no frequency of sample collection has been provided in FCO and as such, it would not be appropriate to make a recommendation in this regard. It was expressed that quality of city compost may not be compromised.

12.12 Reduction in Time Limit of Analysis of Fertilizer Sample

12.12.1 Analysis of samples is done in notified Central and State Government laboratories by the trained and qualified fertilizer analysts as per instructions in Schedule II of FCO. Each laboratory is designated as reference laboratory for the purpose of analysis of any sample. Time limits for testing of fertilizer samples was reduced vide SO 3265 (E) dated 5th July, 2018 and is as given below:

- Dispatch of sample (within 3 days from date of drawal of sample in place of 7 days earlier),
- Analysis in laboratory (within 15 days from date of receipt of sample in place of 30 days earlier) and
- Communication of results to dealers (within 7 days from the date of receipt of analysis report from laboratory in place of 15 days earlier)

12.13 Reduction in Weight of Sample of Water Soluble Fertilizers for Testing

12.13.1 Weight of sample for 100% water soluble fertilizers and 100% water soluble mixtures of fertilizers was reduced to 100 gm from 400 gm earlier. A new category at Sr. No. 4A has been inserted in Schedule-II of FCO in this regard vide SO 3265 (E) dated 5th July, 2018.

12.14 Certificate Course for Retail Dealership

12.14.1 The Ministry of Agriculture & Farmers Welfare vide SO 3720 (E) dated 13th July, 2018 has prescribed ‘certificate course’ to get retail dealership. Now, no authorisation letter shall be granted to any applicant for retail dealership, unless the applicant possesses the certificate course of fifteen days from any State Agricultural University or Krishi Vigyan Kendras or National Institute of Agricultural Extension Management (MANAGE) or National Institute of Rural Development and Panchayati Raj (NIDPR) or Fertiliser Association of India or any other approved Government Institute.

12.14.2 Certificate course is not required provided
- A person is B Sc. in Agriculture/Chemistry or diploma in Agricultural Science
- A dealer has been granted authorization letter before commencement of amendment

12.15 Inclusion of Micronutrient Mixtures in Schedule 1 of FCO

12.15.1 Indian Micro-Fertilisers Manufacturers Association has requested to amend S.No.1(g) Schedule 1-part A of the Fertiliser (Control) order, 1985 by including the term “Micronutrient Mixtures” in it. The proposal was discussed in the CFC meeting held on 14th September, 2018. It was explained to the committee that under Schedule 1(g) of FCO, 1985, straight micronutrient fertilizers are specified. Inclusion of straight micronutrient fertilizers in FCO is under the purview of Central Government. However, the micronutrient mixtures are prepared by mixing of two or more micronutrient fertilizers notified under the S.No.1(g). These mixtures are crop and soil specific and therefore, the State Governments, under clause 13 of FCO, are empowered to notify the mixtures of fertilizers, micronutrient mixtures for their respective States.

12.15.2 The Committee noted that mixtures of fertilizers are not under the control of Government of India and are to be notified by the concerned State Governments. It recommended that there is no need for including the term mixture of micronutrient in S.No. 1 (g) of Schedule I of FCO.

13.0 INITIATIVES FOR SOIL HEALTH IMPROVEMENT

13.1 Involvement of Fertilizer Companies in Celebration of World Soil Day - 2018

13.1.1 The year 2015 was celebrated as International Year of Soils wherein it was decided to celebrate the 5th December as World Soil Day every year. The Joint Secretary (INM), MOA&FW, vide letter no. 16-8/2018-Fert Use dated 26th October, 2018 requested the DG, FAI to advise the Lead Fertilizer Companies to participate in the celebration of World Soil Day 2018.

13.1.2 To discuss the activities to be undertaken by fertilizer companies on the occasion of World Soil Day 2018, a meeting was held on 5th November, 2018 under the chairmanship of Joint Secretary (INM), DAC&FW. The meeting was attended by the representatives of fertilizer companies and FAI. After detailed discussion with the representatives of the fertilizer companies, allotment of 117 districts covered under Krishi Kalyan Abhiyan (KKA-II) was done for adoption by fertilizer
companies. FAI was requested to coordinate the activities to be taken up by fertilizer companies and submit the consolidated report to DAC&FW. Accordingly, a number of activities were undertaken by fertilizer companies on the occasion of World Soil Day and detailed report of activities received from each of the company was sent to DAC&FW.

13.2 Holistic Strategy for Assessment of Soil Health

13.2.1 A wealth of soil test data has been generated under soil health card (SHC) scheme. Soil health has chemical, physical and biological dimensions. However, the 12 parameters covered under SHC scheme include mainly soil chemical/soil fertility parameters. It has been felt by scientific community whether to include a few soil physical and biological parameters in the SHC scheme. To discuss the subject at length, a brainstorming session was organised on ‘Holistic Strategy for Assessment of Soil Health’ on 26th June, 2018. The session was Chaired by DG, ICAR and all the stakeholders including scientists, government officials and fertilizer industry participated in the event. Potential of inclusion of physical and biological parameters were discussed in the session to make it more holistic. In this connection, a committee has been constituted with Secretary, DARE & DG, ICAR as Chairman. Director General, FAI has been nominated as a member to this committee.

13.3 Promotion of Customized Fertilizers

13.3.1 Encouraging the use of customized fertilizers (CFs) and fortified fertilizers is considered as ideal strategy to increase the use of micronutrients. Government of India is promoting customized fertilizers for balanced use. A number of grades of CFs have been included in FCO in last 10 years. However, the production and use of CFs has not picked up due to various constraints.

13.3.2 The procurement of subsidized fertilizers used as raw materials for production of customized fertilizers emerged as a serious constraint under Director Benefit Transfer (DBT) scenario. The matter was taken up with DAC&FW and DoF. Accordingly, an interim procedure for sale of subsidized fertilizers to customized fertilizer manufacturing units under DBT system was notified on 23rd May, 2018 for a period of six months. A Committee under the Chairmanship of Director (DBT) was constituted to examine and suggest the mechanism for sale of subsidized fertilizers to customized fertilizer manufacturing units. To discuss the other problems of manufacturers of CFs, a meeting was taken up by Secretary, MOA&FW on 14th November, 2018. The interim procedure for sale of subsidized fertilizers was extended for a further period of 1 year w.e.f. 23rd November, 2018 or till further orders whichever is earlier.

14.0 FAI ANNUAL SEMINAR 2018

14.1 FAI Annual Seminar has emerged as one of the most important events for global fertilizer fraternity. FAI Annual Seminar 2018 was held at Hotel ‘Pullman’, Aerocity, New Delhi during 5-7 December, 2018. This international event was devoted to the theme of ‘Making Fertilizer Industry Viable and Vibrant’. The seminar was attended by more than 1200 delegates including about 120 foreign delegates from 30 countries. In all, 15 papers were presented in four technical sessions viz., (i) Policies for Viable Fertilizer Sector, (ii) Nutrient Management in Indian Agriculture, (iii) Improving Viability of Fertilizer Production, and (iv) Issues in Fertilizer Marketing besides panel discussion on ‘Fertilizer Policy – Need for Change’.

14.2 The Seminar proceedings started with the Press Conference on 3rd December, 2018. The Seminar was inaugurated by the Hon’ble Minister of Chemicals and Fertilizers, Statistics and Programme Implementation, Mr. D.V. Sadananda Gowda on the 5th December, 2018. Hon’ble Minister of State for Chemicals and Fertilizers and Secretaries of concerned departments also participated. This was followed by a panel discussion and four technical sessions during next two days. The Seminar deliberated on a number of aspects viability of domestic fertilizer industry and its contribution to bring about the second green revolution in agriculture sector.

14.3 Three-day power-packed deliberations were attended by major stakeholders, including the Honourable Ministers, senior Government officials, policy makers, agriculture scientists, industry leaders and technology suppliers.

14.4 First time in the Seminar, a panel discussion was held on the topic ‘Fertilizer Policies – Need for Change’ with participation of eminent personalities. Eminent economist Professor Abhijit Sen highlighted the need for restoring the balance in use of fertilizer nutrients including necessary adjustment in retail prices of the different fertilizers, particularly price of urea vis-à-vis P&K fertilizers. He also called upon the industry to play more pro-active role for higher crop productivity and improved soil health. Dr. S.K. Chaudhari, Assistant Director General (S&WM), ICAR also emphasized on the urgent need for correcting the current imbalance in use of N, P and K and removing the deficiency of secondary and micronutrients.
14.5 Industry leaders brought out various issues under the present policies which are not only affecting industry’s financial viability but also contributing towards increasing the difficulty of doing business in the sector. They emphasized on the need for a dramatic change in fertilizer pricing and subsidy policies to restore the health of domestic industry. The rationale of investment in new urea plants was to maximize self-sufficiency in urea production for strategic reasons. It was brought out that once, all the 10 new urea plants are commissioned, there may be surplus urea capacity in the country for some time. It was stated that there was need to align the current domestic capacity, a large part of which is unviable under the present policy with the new capacity being created under a separate policy.

14.6 The eminent speakers concluded that existing policies are neither benefiting the farmers nor the industry. The government is spending more than Rs. 70,000 crore every year. Existing pricing policies are resulting in imbalanced use of even primary nutrients N, P and K, leave alone addressing the deficiency of secondary and micronutrients. Farmers are not getting optimum return from their investment in fertilizers and other inputs. There is a crying need for course correction in pricing policies in the interest of soil health, crop productivity and farmers’ income.

14.7 Other technical sessions of the Seminar included deliberations and issues related to nutrient management in Indian agriculture, improving viability of fertilizer production and issues in fertilizer marketing.

14.8 The Seminar was concluded on 7th December, 2018 with a valedictory address by Dr. Vijay Kumar Saraswat, Hon’ble Member, NITI Aayog, Government of India. He emphasized on the need for development of home grown production technologies.

15.0 INTERNATIONAL RELATIONS

15.1 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; 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 sectors.

16.0 FAI WEBSITE (www.faidelhi.org)

16.1 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, highlights of fertilizer policies, reports and Abstract service. Daily news bulletins are also posted on the website. 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. Keeping in view sensitive information stored in FAI website, FAI website has been made more secured. The URL of FAI website is now changed to https://www.faidelhi.org in place of earlier http://www.faidelhi.org.

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

16.3 The number of subscribers of the FAI website as on 31st March, 2019 was as under:

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active</td>
<td>9</td>
</tr>
<tr>
<td>Associate</td>
<td>37</td>
</tr>
<tr>
<td>Total</td>
<td>46</td>
</tr>
</tbody>
</table>

17.0 DEVELOPMENT OF MOBILE APP

17.1 During 2017-18, a new initiative was undertaken in FAI to provide Mobile App facility to the delegates of FAI Annual Seminar 2017. This facility was extended to the registered delegates of FAI Annual Seminar 2018. 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. In addition, new features
added in the app include: (i) Speeches delivered during Inauguration and Valedictory sessions, (ii) Presentations made during the technical sessions, and (iii) a Photo gallery.

18.0 PUBLIC RELATIONS

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

18.2 Several press releases were given on issues of concern to the fertilizer industry. These were 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 and editorials in Indian Journal of Fertilisers.

18.3 Coinciding with FAI Annual Seminar 2018, a press conference was organized in FAI House, New Delhi on 3rd December, 2018. Major media groups were present in the press meet. It was addressed by Chairman, Co-Chairman and DG, FAI. The meeting was a curtain raiser for the Annual Seminar. The relevance of the Seminar theme Making Fertilizer Industry Viable and Vibrant was explained to the media. It was emphasized that vibrant domestic fertilizer industry is in the interest of Indian agriculture and country as a whole. However, the fertilizer industry operates under most controlled environment. Therefore, there is a need for suitable reforms in the sector to make the fertilizer industry viable and vibrant to serve the cause of the Indian farmer. The seminar was covered by national and regional dailies, business and economic newspapers, All India Radio, Delhi Doordarshan etc.

18.4 An informative article titled ‘Making Fertilizer Industry Viable and Vibrant’ 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, 2018.

18.5 During 2018-19 four special issues of Indian Journal of Fertilisers were brought out related to agriculture, technology, marketing and Annual Seminar. January 2019 issue gave highlights of FAI Annual Seminar. Three special issues of Khad Patrika (Hindi) each on kharif, rabi and zaid were also published. The highlights of FAI Annual Seminar were also brought out in February 2019 issue of Khad Patrika. Fertiliser Marketing News published articles related to marketing and logistics. It also covered Annual Seminar in January 2019 issue.

19.0 FAI PUBLICATIONS

19.1 Annual Review of Fertilizer Production and Consumption 2017-18


19.2 Fertiliser Statistics – 2017-18

19.2.1 Fertiliser Statistics is a valuable repository of fertilizer, agriculture and allied statistics. The Fertiliser Statistics 2017-18 the 63rd Edition published in November 2018 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.

19.3 Speciality Fertiliser and Micronutrient Statistics – 2017-18

19.3.1 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 fertilisation, 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. Speciality Fertiliser and Micronutrient Statistics – 2017-18 (7th edition) published in November 2018 covers the details of capacity, production, import, sale, and other related information about these products.

19.4 Biofertiliser Statistics – 2017-18

19.4.1 Biofertilisers are important supplement to

19.5 **Handbook on Fertiliser Usage**

19.5.1 Handbook on Fertiliser Usage provides basic and practical information on wide range of topics related to soils, fertilizers and crop nutrition in simple language. Containing wealth of information, this handbook is highly useful to the extension/field staff of fertilizer industry, Krishi Vigyan Kendra, state departments of agriculture, agriculture students and scientists.

19.6 **Fertiliser Control Order (FCO)**

19.6.1 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 18th Edition was published in February, 2019.

20.0 **MEMBERS**

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

<table>
<thead>
<tr>
<th>Member</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active</td>
<td>43</td>
<td>42</td>
</tr>
<tr>
<td>Associate</td>
<td>184</td>
<td>199</td>
</tr>
<tr>
<td>Overseas Associate</td>
<td>27</td>
<td>27</td>
</tr>
<tr>
<td>Technical &amp; Professional Associate Members</td>
<td>547</td>
<td>705</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>801</strong></td>
<td><strong>973</strong></td>
</tr>
</tbody>
</table>

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

20.2 **Membership Subscription**

20.2.1 In the 389th meeting held on 30th July, 2018, the Board of Directors approved the rates of subscription for Active Members for the year 2018-19 which are the same rates applicable since 2013-14. The rates are as under:

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales up to 25000 te</td>
<td>0.63</td>
</tr>
<tr>
<td>Sales &gt; 25,000 te but &lt; 50,000 te</td>
<td>1.25</td>
</tr>
<tr>
<td>Sales &gt; 50,000 te but &lt; 1,50,000 te</td>
<td>2.50</td>
</tr>
<tr>
<td>Sales &gt; 1,50,000 te but &lt; 3,00,000 te</td>
<td>4.37</td>
</tr>
<tr>
<td>Sales &gt; 3,00,000 te but &lt; 5,00,000 te</td>
<td>6.25</td>
</tr>
<tr>
<td>Sales &gt; 5,00,000 te but &lt; 10,00,000 te</td>
<td>8.75</td>
</tr>
<tr>
<td>Sales &gt; 10,00,000 te but &lt; 15,00,000 te</td>
<td>11.25</td>
</tr>
<tr>
<td>Sales &gt; 15,00,000 te but &lt; 20,00,000 te</td>
<td>13.75</td>
</tr>
<tr>
<td>Sales &gt; 20,00,000 te but &lt; 25,00,000 te</td>
<td>17.50</td>
</tr>
<tr>
<td>Sales &gt; 25,00,000 te</td>
<td>25.00</td>
</tr>
</tbody>
</table>

The rates are as per the ceiling based on the nutrient sold except imported urea.

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Associate Members</td>
<td>Rs.20,000*</td>
</tr>
<tr>
<td></td>
<td>(Same rates as applicable from 2009-10)</td>
</tr>
<tr>
<td>(ii) Overseas Associate Members</td>
<td>US $ 2000*</td>
</tr>
<tr>
<td></td>
<td>(Same rates as applicable from 2011-12)</td>
</tr>
<tr>
<td>(iii) Technical &amp; Professional Associate Members</td>
<td>Rs. 500*</td>
</tr>
<tr>
<td></td>
<td>(Same rates as applicable from 2009-10)</td>
</tr>
</tbody>
</table>

* plus GST

21.0 **BOARD OF DIRECTORS**

21.1 The following two Directors, who retired by rotation under clause 83rd of the Articles of Association on the date of the last Annual General Meeting held on the 26th September, 2018, were re-appointed as Directors:

1. Mr. J.C. Laddha
2. Mr. Manish Nagpal

21.2 The following Casual/Additional Directors were also appointed at the Annual General Meeting held on 26th September, 2018 against the existing vacancies:

i) Mr. N. Suresh Krishnan, representative of M/s Mangalore Chemicals & Fertilizers (MCF) Ltd., was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.
ii) Mr. S.P. Yadav, representative of M/s Gujarat State Fertilizers & Chemicals Limited (GSFC), was appointed to represent the interest of nitrogenous and complex fertilizer manufacture.

iii) Mr. Akshay Poddar, representative of M/s Zuari Agro Chemicals (ZACL) Ltd., was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

iv) Mr. Mr. D.S.Sudhakar Ramaiah, representative of M/s Projects and Development India (PDIL) Ltd., was appointed as a Director to represent the interest of associate members.

v) Mr. Umesh V. Dhatrak, representative of M/s Rashtriya Chemicals and Fertilizers (RCF) Ltd., was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

vi) Mr. Challa Narasimha Reddy, representative of M/s Jubilant Agri and Consumer Products (JACPL)Ltd., was appointed to represent the interest of super phosphate manufacturers.

vii) Mr. Sundeep Kumar Nayak, representative of M/s National Cooperative Development Corporation (NCDC), was appointed to represent the interest of associate members.

viii) Mr. P.R. Dhariwal, representative of M/s Matix Fertilizers and Chemicals Ltd., was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

ix) Mr. Narasimha Rao, representative of M/s Yara Fertilisers India Private Limited, was appointed to represent the interest of nitrogenous and complex fertilizer manufacturers.

21.3 The following Director was also appointed at the Annual General Meeting held on 26th September, 2018 against the existing vacancies:

i). Mr. Ashvini Hiran, representative of M/s IRC Agrochemicals Private Limited, was appointed to represent the interest of interests of NP/NPK manufacturers.

21.4 The following were co-opted as Additional Directors under clause 75(a) of the Articles of Association by the Board during the year:

(i) Mr. Ved Prakash, w.e.f. 26th September, 2018
(ii) Mr. Rajiv Chopra, w.e.f. 26th September, 2018
(iii) Mr. D. Nandakumar  w.e.f. 26th September, 2018
(iv) Mr. M.S.Dagur, w.e.f.  5th December, 2018
(v) Mr. U. Saravanan w.e.f.  5th December, 2018

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

Resignations/Vacations

a) Directors
(i) Mr. Rajiv Kumar Gupta w.e.f. 30th July, 2018
(ii) Mr. D.K.Sundar w.e.f. 30th July, 2018
(iii) Mr. A.B. Khare w.e.f. 5th December, 2018

21.6 To fill up the vacancies the following Directors were appointed:

a) Emeritus Director
(i) Mr. A Vellayan, w.e.f. 2nd April, 2018

b) Other Directors
(i) Mr. Sundeep Kumar Nayak, w.e.f. 2nd April, 2018 as an Additional Director
(ii) Mr. Narasimha Rao, w.e.f. 2nd April, 2018 as an Additional Director
(iii) Mr. Umesh V. Dhatrak, w.e.f.  5th December, 2018 as a Casual Director

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

22.0 FINANCE

22.1 The excess of income over expenditure is Rs. 2,06,28,786/- for the year ended the 31st March, 2019.

23.0 STAFF

23.1 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 2018-19.

23.2 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.

24.0 PREVENTION OF SEXUAL HARASSMENT OF WOMEN AT WORKPLACE

24.1 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].
1.0 FERTILIZER PRICING AND SUBSIDY POLICY, PAYMENT AND GOVERNANCE ISSUES

1.1 Industry Issues

1.1.1 DG, FAI made a presentation before the Secretary (Fert.) on 6th June, 2018 on concerns & challenges of fertilizer industry. The presentation included issues related to urea industry, P&K fertilizers and supply of natural gas and coa. Presentation also included issues related to GST, movement of fertilizers, payments under both DBT as well as other than DBT, and budget allocation.

1.2 Urea Policy

1.2.1 DG, FAI wrote a letter dated 8th June, 2018 to the Secretary (Fert.) requesting her kind intervention for extension of credit period by at least by 3 months by suppliers of natural gas to urea industry. This would help the industry to reduce the impact of mis-match in cash flow of urea units.

1.2.2 DG, FAI wrote a letter dated 13th June, 2018 to Additional Chief Secretary, Commercial, Government of Uttar Pradesh, requesting for exempting natural gas from levy of additional VAT for the benefit of farmers of Uttar Pradesh. Copy of this letter was also sent to the Principal Secretary, Finance, Government of Uttar Pradesh, Lucknow.

1.2.3 DG, FAI wrote a letter dated 2nd July, 2018 to the office of Hon’ble Minister of State for Chemicals & Fertilizers requesting his intervention for implementation of the Cabinet decision regarding revision in fixed cost. A copy of the FAI presentation made before the Standing Committee of Parliament on 22nd February, 2018, a statement depicting poor profitability and cash flow of urea industry and outstanding amount of subsidy were also submitted with the letter.

1.2.4 DG, FAI wrote a letter dated 6th July, 2018 to the Principal Secretary to the Hon’ble Prime Minister requesting for his kind intervention for implementation of the notified Cabinet decisions regarding revision in fixed cost and payment of dues of the industry from the date of notification. Similar letter was sent to the Cabinet Secretary. It was followed up with letters on 3rd August, 2018 and 13th December, 2018 to the Principal Secretary to the Hon’ble Prime Minister on this issue.

1.2.5 DG, FAI wrote a letter dated 30th August, 2018 to the Secretary (Fert.) requesting for allowing quarterly escalation/de-escalation to urea units on provisional basis.

1.2.6 DG, FAI addressed a letter dated 4th October, 2018 enclosing a note on urea pricing and subsidy policy to Dr. Vijay Kumar Saraswat, Member, NITI Aayog and Chairman, Expert Group looking into issues of energy norms and related aspects of urea policy.

1.2.7 DG, FAI sent a letter to the Secretary (Fert.) on 5th October, 2018 for extension of time period of New Investment Policy 2012.

1.2.8 DG, FAI sent a letter dated 20th November, 2018 to the Secretary (Fert.) requesting for appropriate steps for ensuring uninterrupted supply of urea in the state after withdrawal of additional VAT on natural gas in Uttar Pradesh w.e.f. 14th November, 2018.

1.2.9 DG, FAI wrote a letter dated 17th December, 2018 to the Secretary (Fert.) regarding implementation of energy norms for 11 efficient urea units w.e.f. 14th November, 2018. Copy of the letter was also sent to OSD and Secretary (Designate), Department of Fertilizers.

1.2.10 DG, FAI wrote a letter dated 28th December, 2018 to the Hon’ble Prime Minister of India regarding revision in fixed cost of urea units. Copy of the letter was also sent to the Principal Secretary to the Hon’ble Prime Minister and the Secretary (Fert.). Similar letters were also addressed to:

(i) Minister of Statistics and Programme Implementation and Minister of Chemicals & Fertilizers.

(ii) Hon’ble Minister of State for Chemicals & Fertilizers and Minister of State (Independent Charge), Planning.

In continuation to earlier letter dated 28th December, 2018, another letter dated 31st December, 2018 enclosing a brief write up on urea pricing policy and payment of increase in fixed cost for urea units (in English and
Hindi) were sent to (i) Minister of Statistics and Programme Implementation and Minister of Chemicals & Fertilizers and (ii) Hon’ble Minister of State for Chemicals & Fertilizers and Minister of State (Independent Charge), Planning.

1.2.11 DG, FAI wrote a letter dated 19th February, 2019 to the Secretary (Fert.) for increasing the period of working capital allowed in computation of cost under urea policy.

1.2.12 FAI sent the nominations and suggestions for term of reference of proposed Committee constituted by DoF on energy consumption norms for urea units to the Secretary (Fert.) on 26th March, 2019.

1.3 P&K Fertilizers

1.3.1 DG, FAI vide letter dated 18th January, 2019 requested the Secretary (Fert.) for opening of the iFMS system for one more time (last time) for the purpose of acknowledgement of remaining stocks of fertilizers by the wholesalers and retailers prior to DBT regime.

1.3.2 Single Super Phosphate

1.3.2.1 Some of the state governments had not certified the quantity and quality of SSP. DG, FAI vide letter dated 3rd August, 2018 to the Secretary (Fert.) seeking her intervention for settlement of subsidy bills and applicability of deemed certification of quantity and quality for SSP industry also.

1.3.2.2 As a follow up of the meeting held in DoF under the Chairmanship of the Secretary (Fert.) on 6th February, 2019, DoF constituted a Committee under the Chairmanship of Joint Secretary (PS). DG, FAI vide letter dated 8th February, 2019 to the Joint Secretary, DoF suggested the names of the committee members from the fertilizer industry to discuss the issues of pre-analysis of Egyptian rock phosphate for production of SSP and freight subsidy to the industry.

1.4 Other Policy Related Issues

1.4.1 Issues Related to Freight

1.4.1.1 DG, FAI vide letter dated 25th February, 2019 addressed to the Secretary (Fert.) requested for his intervention in early resolution of the issues related to the freight such as payment of differential freight from 2008-09 onwards, notification of primary and secondary freight for urea for 2017-18 and 2018-19, revision in slab-wise primary road freight rates for P&K fertilizers from 2013 onwards and revision in special compensation for movement of P&K fertilizers in difficult areas from 2012 onwards.

1.4.2 Coastal Movement of Fertilizers

1.4.2.1 A representation dated 19th April, 2018 was made by DG, FAI to the Secretary (Fert.) requesting to take up the issues with the Ministry of Shipping to make the coastal shipping a viable proposition.

1.4.2.2 DG, FAI wrote a letter dated 29th June, 2018 to the Secretary, Ministry of Shipping requesting therein to do away with notional booking of labour, extension of facility of storage at port godown for 15 days without any charges and rebate of 60% in port dues to boost the coastal movement of fertilizers.

1.4.2.3 In response of DG, FAI letter dated 19th April, 2018 to the Secretary (Fert.), and earlier letter to the Secretary, Ministry of Shipping, the Ministry liberalized the cabotage law to allow the foreign vessels to carry domestic cargo in empty hatches from one port to other vide general order no. 3 dated 22nd June, 2018. However, vide para 12.3, the restriction of at least 50% of the total cargo quantity was imposed in the order. DG, FAI vide letter dated 3rd July, 2018 requested the Secretary, Ministry of Shipping for amendment in para 12.3 of the Order to a quantity of 4000 MT of fertilizers in place of 50%.

1.4.2.4 DG, FAI vide letter dated 27th September, 2018 requested the DoF to simplify the freight policy for coastal shipping both on entitlement and procedure for claiming subsidy.

1.5 Movement of P&K Fertilizers during the Months of February and March

1.5.1 DG, FAI vide letter dated 2nd January, 2019 to the Secretary (Fert.) requested for non-imposition of restrictions on movement of imported P&K fertilizers. For the first time after several years, DoF had included imported P&K fertilizers in the monthly supply plan of February & March, 2019.

1.6 Availability of Rakes

1.6.1 DG, FAI vide letters dated 8th June, 2018, 12th June, 2018 and 27th July, 2018 requested the Secretary (Fert.) to take up the matter with the Chairman, Railway Board to ensure the availability of rakes in time as the demand of fertilizers may be affected in some part of the country.

1.6.2 Further, DG, FAI vide letter dated 12th October, 2018 to the Secretary (Fert.) requested for her intervention for taking up the matter with the Ministry of Railways/Railway Board as the problem continued
to persist mainly at west-coast. Hon’ble Minister of Railways & Coal was also apprised by FAI vide latter dated 12th October, 2018.

1.7 Rail : Road Supply Coefficient of Fertilizers

1.7.1 DG, FAI wrote letters dated 19th April, 2018, 24th August, 2018 and 3rd January, 2019 to the Secretary (Fert.) and requested for removal of restriction on movement of fertilizers by road under 80:20 formula.

1.8 Monthly Movement Supply Plan

1.8.1 DG, FAI vide letter dated 24th August, 2018 requested the Secretary (Fert.) to dispense with monthly movement supply plan or raise the limit to 25% in excess of monthly plan quantity.

1.9 Digitalization of Subsidy Payment System

1.9.1 DG, FAI vide letter dated 8th January, 2019 requested the Secretary (Fert.) to dispense with the physical submission form of monthly on-account (zero amount claims for quantity certification), monthly freight claims, balance claims upto February, 2018 and differential freight claim and take the digitalization further.

2.0 DBT IN FERTILIZER SECTOR

2.1 DG, FAI along with fertilizer industry members met Mr. Bibek Debroy, Chairman, Prime Minister’s Economic Advisory Council and Member, NITI Aayog on 25th April, 2018. A letter was also sent on the same day for his intervention and support in addressing the urgent payment issues of the industry as per the notified government policies.

2.2 DG, FAI wrote another letter on 30th May, 2018 to the Secretary (Fert.) underlining large number of operational problems, non-generation of bills and non-payment of subsidy on weekly basis. It was also requested for revamp of the system at every stage with additional manpower.

2.3 DG, FAI vide letter dated 6th August, 2018 requested the Secretary (Fert.) for involvement of software companies enabling to provide a robust infrastructure for smooth operation of DBT system. It was also conveyed that FAI and its members will be happy to work with DoF to facilitate the development of a robust system.

2.4 DG, FAI vide letter dated 10th September, 2018 requested the Additional Secretary, DoF for his intervention in creation of link/functionality in mFMS/iFMS enabling fertilizer companies to generate bills for escalation claims of Q1 to Q3 of 2017-18 for payment.

2.5 As there was no major improvement in DBT system, DG, FAI again raised various issues in DBT operation vide letter dated 18th October, 2018 to the Secretary (Fert.) and requested for involvement of a large software company for making the DBT system robust. It was also requested for mandatory requirement of sale only through PoS machines and allocation of additional budget and there should be a time line for transfer of subsidy directly in account of farmers.

2.6 DG, FAI vide letter dated 3rd January, 2019 to the Secretary (Fert.) requested that DoF may conduct a market survey to assess the ground level situation in different states and address the problem of anomaly both in the physical and system stocks and payment of subsidy on the stocks sold outside the system.

2.7 A representation was made by DG, FAI vide letter dated 2nd May, 2018 to the Secretary, Ministry of Agriculture & Farmers Welfare for amendment of FCO, 1985 to bring the sale of fertilizers through POS machine under the ambit of FCO, 1985.

3.0 BUDGET AND SUBSIDY PAYMENT

3.1 DG, FAI along with fertilizer industry members met Mr. Bibek Debroy, Chairman, Prime Minister’s Economic Advisory Council and Member, NITI Aayog on 25th April, 2018. A letter was also sent on the same day for his intervention and support in addressing the urgent payment issues of the industry as per the notified government policies.

3.2 A letter dated 2nd May, 2018 was addressed by DG, FAI to the Secretary (Fert.) requesting to take up the issue with Ministry of Finance / RBI for suitable relaxation for financing of subsidy receivables by banks.

3.3 A letter dated 28th December, 2018 was written by DG, FAI to the Secretary (Fert.) on the issue of delay in disbursement of fertilizer subsidy. A copy of this letter was marked to the OSD and Secretary (Designate), Department of Fertilizers.

3.4 DG, FAI wrote a letter dated 28th December, 2018 to the Finance Secretary submitting industry’s suggestions regarding allocation for fertilizer subsidy in Union Budget 2019-20.

3.5 DG, FAI wrote a letter dated 19th February, 2019 to the Secretary (Fert.) for increasing the period for financing of working capital by banks against subsidy receivables of fertilizer companies in view of inordinate
delay in payment of subsidy by the government.

4.0 GOODS & SERVICES TAX (GST)

4.1 DG, FAI sent a letter on 3rd April, 2018 regarding classification of imported fertilizers used in the manufacture of other fertilizers in 5% GST rate category to the Finance Secretary, Revenue Secretary and Secretary to the GST Council, New Delhi. A copy of this letter was also sent to the Secretary, Department of Fertilizers and Joint Secretary, Department of Revenue, GST Council for necessary action.

4.2 DG, FAI sent a letter dated 1st June, 2018 to the Secretary, Department of Fertilizers requesting a follow up the issue of classification of imported fertilizers used in the manufacture of other fertilizers at 5% GST rate. A copy of this letter was also addressed to Additional Secretary, Department of Fertilizers.

4.3 DG, FAI addressed a letter dated 4th June, 2018 to the Hon’ble Finance Minister, Government of India seeking refund of unutilized input tax credit in respect of input services under inverted tax structure. Similar letters were also addressed to the Secretary to the GST Council, Department of Revenue and the Secretary (Fert.).

4.4 DG, FAI wrote a letter on 29th June, 2018 to the Secretary (Fert.) inviting her attention to GST related issues of the fertilizer sector and requesting her to take up with the Ministry of Finance to ensure that these issues are considered and favorable decisions are taken in the next GST Council meeting. Similar letter was addressed to the Secretary GST Council and the Secretary, Ministry of Shipping.

4.5 DG, FAI sent a representation on 17th September, 2018 to the Hon’ble Finance Minister seeking refund of unutilized input tax credit in respect of input services under inverted tax structure for fertilizer companies. Similar letter was addressed to the Secretary, GST Council, Department of Revenue.

4.7 DG, FAI sent a representation on 17th September, 2018 to the Hon’ble Finance Minister seeking refund of unutilized input tax credit in respect of input services under inverted tax structure for fertilizer companies.

4.8 DG, FAI addressed a letter dated 17th September, 2018 to the Secretary (Fert.) requesting to take up the industry issues related to GST with Finance Ministry and the GST Council at the appropriate levels to bring in parity between freight cost by rail and multimodal transportation of fertilizers by reducing the applicable GST rate for movement of fertilizers through multimodal transport to 5%. Similar letter was addressed to the Secretary GST Council and the Secretary, Ministry of Shipping.

5.0 ISSUES RELATED TO SUPPLY OF NATURAL GAS

5.1 FAI sent a letter to the Secretary (Fert.) on 30th April, 2018 requesting allocation of additional domestic gas to fertilizer sector. It was also requested to take up the matter with the Ministry of Petroleum and Natural Gas (MoPNG) and the Ministry of Finance.

5.2 FAI sent a letter to the Secretary (Fert.) on 12th June, 2018 on considering allocation of domestic natural gas to three fertilizer units in P&K sector viz. RCF, GSFC & DFPCCL.

5.3 In response to the letter of Department of Fertilizers regarding reallocation of domestic natural gas amongst urea units, FAI in its submission to the Secretary (Fert.) and Additional Secretary (Fert.) on 6th August, 2018 informed that FAI had no comments on the DoF proposal. Similar letter was also sent to on 6th August, 2018.

5.4 FAI sent a letter to the Secretary (Fert.) on 1st November, 2018 and 26th November, 2018 regarding Final Initial Unit Natural Gas Pipeline Tariff under the Provisions of the PNGRB (Determination of Natural Gas Pipeline Tariff) Regulations, 2018. It was requested to take up the matter with the Petroleum and Natural Gas Regulatory Board (PNGRB) and MoPNG to minimize the impact of any increase in tariff of gas pipeline on fertilizer industry.

5.5 FAI sent a note to Vice Chairman, NITI Aayog on 20th November, 2018 on allocation and pricing of domestic natural gas.
5.6 FAI sent a letter to the Secretary, PNGRB on 23rd November, 2018 on proposed revision of tariff by GAIL. It was highlighted that the tariff should not be made applicable retrospectively as it has implications for fertilizer subsidy and taxation.

6.0 ISSUES RELATED TO SAFETY AND ENVIRONMENT

6.1 FAI sent comments on CPCB Guidelines for Continuous Emission Monitoring System June 2018, Revision 01 to Scientist D, Central Pollution Control Board (CPCB) on 29th June, 2018.

6.2 FAI sent a representation to the Member Secretary, CPCB on 4th July, 2018 on all issues in continuous monitoring including remote calibration of instruments and requesting meeting with concerned CPCB officials.

6.3 FAI sent comments on Guidelines for Continuous Effluent Monitoring System uploaded on the website to Member Secretary, CPCB on 25th July, 2018.

6.4 FAI vide letter dated 31st July, 2018 sent some more comments on CPCB Guidelines for Continuous Emission and Effluent Monitoring Systems to Member Secretary, CPCB.

6.5 FAI sent a letter to the Scientist E, CPCB on 23rd August, 2018 summarizing the discussions of meeting of CPCB officials with representatives of fertilizer industry held on 14th August, 2018 regarding Guidelines on Continuous Online Emission and Effluent Monitoring Systems.

6.6 FAI sent a representation to the Member Secretary, CPCB on 31st August, 2018 seeking exemption of monitoring of PM in emission from complex fertilizers till reliable technology is available.

7.0 ISSUES RELATED TO PUBLIC UTILITY SERVICE

7.1 FAI sent the letter to the Under Secretary (Coordination), Department of Fertilizers on 9th April, 2018 conveying the decisions of FAI Board on issue of Public Utility Service.

7.2 In response to the request from DoF, FAI on 2nd July, 2018 sent data on manpower labour union, strike etc. after collecting the same from the industry to the Under Secretary, Department of Fertilizers.

8.0 ISSUES RELATED TO ENERGY CONSERVATION AND TECHNOLOGY

8.1 FAI sent a representation to the DG, BEE on 17th August, 2018 underlining the technical and financial constraints in further improving the energy efficiency by fertilizer industry.

9.0 ISSUES RELATED TO COAL

9.1 FAI sent a letter to the Secretary (Fert.) on 27th December, 2018 requesting to take up the matter with Ministry of Railways for priority in movement of coal to fertilizer sector as per new coal distribution policy which provides equivalent priority to power and fertilizer sectors.

10.0 ISSUES RELATED TO PLASTIC WASTE MANAGEMENT (AMENDMENT) RULES 2018

10.1 FAI sent a representation to the Secretary (MoEFCC) on 18th April, 2018 to exempt fertilizer industry from collection of plastic bags under Plastic Waste Management Rules 2018, due to its alternative use by farmers and other section of society.

10.2 FAI sent a representation on Plastic Waste Management to the Secretary (Fert.) on 6th August, 2018 to take up the issue appropriately with the MoEFCC.

10.3 FAI sent a letter to the Member Secretary, CPCB on 22nd March, 2019 regarding reuse of fertilizer bags by farmers. It was informed that FAI would commission a study to understand the life cycle of plastic bags.

11.0 ISSUES RELATED TO UN RESOLUTION ON SUSTAINABLE NITROGEN MANAGEMENT

11.1 FAI sent letters on 8th March, 2019 to Secretary (Fertilizers), Secretary (MoEFCC) and Agriculture Commissioner (DAC&FW) to provide the contents of UN Resolution on Sustainable Nitrogen Management.

11.2 FAI sent letters on 25th March, 2019 to Secretary (Fertilizers), Secretary (MoEFCC) and Agriculture Commissioner (DAC&FW) requesting them to involve DoF, Ministry of Agriculture & Farmers’ Welfare and fertilizer industry during discussion on sustainable nitrogen management as the issue has bearing on fertilizer and agricultural sectors.

12.0 ISSUES RELATED TO FCO

12.1 FAI sent a letter to the Joint Secretary (INM), DAC&FW on 10th July, 2018 mentioning that FAI is well equipped to provide training and equip the trainees with appropriate skills to enter the business of sale of fertilizers and other agri-inputs. Accordingly, FAI was included in the list of Institutes for providing certificate course of 15 days of retail dealers.
12.2 FAI sent a letter to the Joint Secretary (INM), DAC&FW dated 10th September, 2018 on the revised specifications of neem coated urea notified vide SO No. 1323(E) dated 22nd March, 2018. FAI underlined the need for a proper study in view of the complexity of analytical procedure including method for extraction of neem oil from neem coated urea and also the repeatability of procedure and results.

12.3 DG, FAI wrote a letter dated 4th February, 2019 to the Joint Secretary (INM), DAC&FW regarding revised specifications of NCU. It was reiterated that the specifications of meliacins content should be only for neem oil used for coating urea. Specifications for neem oil should be realistic keeping in mind the availability of neem oil in the market, reliability of analytical method, availability of standards for different meliacins, etc. He requested the Joint Secretary to take up the issue in the next CFC meeting as the deadline of enforcement of revised specifications of NCU was 22nd March, 2019.

13.0 International Code of Conduct for the Use and Management of Fertilizers

13.1 DG, FAI vide letter dated 25th September, 2018 to the Ambassador, Embassy of the Republic of India, Rome gave its observations on first draft of the “International Code of Conduct for the Use and Management of Fertilizers”. DG stated that given the critical role of fertilizers for global food security, as well as the need to promote more efficient and balanced plant nutrition in order to reduce nutrient losses to the environment, FAI believes that the code has been too hastily prepared. A topic as important as plant nutrition requires a more thorough dialogue and consultation among multiple stakeholders from different regions and should aim to reflect a consensus and a joint commitment to dissemination and implementation. Contrary to the claim, this current draft does not reflect a consensus among stakeholders.

13.2 Although the on-line consultation in July did significantly improve the Zero Draft, FAI still has a number of concerns about this First Draft, which is now already being submitted to the CoAg for final approval. The code remains full of repetitions, and insufficiently defined terms and as such is not conducive to a broad adherence from key constituencies.

13.3 He expressed that nutrient losses to the environment are caused by nutrient surpluses (nutrient input minus nutrient output) and are not simply resulting from nutrient application rates, as recognized in the Code of Conduct which refers to the important concept embodied in the “4Rs.” Therefore, concepts pertaining to limits are misplaced because the best way to reduce nutrient losses is to keep surpluses below a reasonable limit to be defined at the national or local level. This requires sound soil tests, fertilizer recommendations and nutrient budgets rather than application limits. Addressing the outstanding issues and achieving a relevant document that will get the support of all the key stakeholders, deserves additional consultation before adoption.

14.0 REGIONAL ISSUES

14.1 FAI-SR addressed letters to the Directors of Agriculture of Tamil Nadu on 5th April, 2018, Karnataka on 17th April, 2018, Telangana on 30th May, 2018 and Kerala on 23rd July, 2018 and enumerated various operational problems of DBT in their respective states.

14.2 FAI-WR addressed a letter on 20th September, 2018 to Chief Freight Traffic Manager, Western Railway, Mumbai and requested to ensure availability of rakes for movement of fertilizers from plants/ports.

14.3 FAI-WR wrote a letter to the Director of Agriculture, Chhattisgarh requesting for acknowledgement of receipt of fertilizers in the district and certification of B₁ & B₂ prior to DBT regime on 6th February, 2019.

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SEMINAR HIGHLIGHTS
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A GLIMPSE OF SOME EXHIBITORS’ STALLS
PRESS CONFERENCE
1. International Fertilizer Association (IFA), Paris, France
   a) IFA Council
   b) Technical & SHE Committee
   c) Communications & Public Affairs Committee
   d) Agriculture Committee
   e) Production and International Trade Committee
   f) Strategic Advisory Team
   g) Working Group on Special Projects

2. Core Group for Model GTA, Petroleum and Natural Gas Regulatory Board, New Delhi

3. 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) Soil Quality and Fertilizers Sectional Committee, FAD 7
   h) Biotechnology for Food and Agriculture Sectional Committee, FAD 23
   i) Textile Materials Made from Polyolefins (Excluding Cordage) Sectional Committee, TX 23

4. Bureau of Energy Efficiency, New Delhi
   a) Sectoral Committee & Sub-Committee on Fertilizer for Implementation of PAT in Fertilizer Sector.

5. Central Pollution Control Board (CPCB) / Ministry of Environment and Forests – Taskforce, Committees and Technical Working Groups

6. Project Screening /Evaluation/Monitoring Committee of Technology Development Board (TDB), New Delhi

7. National Steering Committee, Industrial Product Process Sector, TIFAC-TNA Project, Department of Science & Technology, New Delhi

8. FAO/ Fertilizer Organizations Working Group, Rome, Italy

9. Various Expert Groups and Committees of Ministry of Chemicals and Fertilizers, New Delhi

10. Central Fertilizer Committee and its Technical Committees, Ministry of Agriculture and Farmers Welfare, New Delhi

11. Rural Programmes Advisory Committee, All India Radio, New Delhi

12. Society for Promotion of Wasteland Development, New Delhi

13. Steering Committee of Indo-Canadian Potash Promotion Project, New Delhi

14. Scientific Advisory Committee – TERI Deakin Nano Biotechnology Centre (TDNBC), Gurugram, Haryana

15. Board of Certified Crop Advisor Programme - India conducted by American Society of Agronomy

16. Board of International Plant Nutrition Institute (IPNI), Norcross, USA

17. Railway Users’ Consultative Committee of Eastern, Northern, Western and Southern Railways

18. State Fertilizer Advisory Committee and State Coordination Committee of Various States

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1. DG, FAI participated in the 24th Annual General Meeting of the Bangladesh Fertilizer Association held on 7th April, 2018 at Dhaka, Bangladesh.

2. DG, FAI participated in the Argus Asia Fertilizer Conference held during 11-13 April, 2018 at Beijing, China and made a presentation on India Market Outlook for 2018.

3. DG and DDG, FAI participated in a meeting chaired by Secretary (Fert.) on 6th June, 2018 and DG, FAI made a presentation on various concerns and challenges of fertilizer industry.

4. DG, FAI participated in 86th IFA Annual Conference held during 18-20 June, 2018 at Berlin, Germany and made a presentation on Fertilizer Demand Forecast.

5. DG, FAI participated in 9th GPCA Fertilizer Convention held during 18-22 September, 2018 at Muscat.


7. DG, FAI participated and chaired a session in National Dialogue on Innovations for Promoting Balanced Application of Macro and Micro Nutrient Fertilizers in Indian Agriculture, jointly organized by International Plant Nutrition Institute (IPNI) and International Food Policy Research Institute (IFPRI) on 12th December, 2018 in New Delhi.

8. DDG, FAI participated in 2018 IFA Global Technical Symposium during 09-12 April, 2018 in Madrid, Spain. He also attended IFA Technical & SHE Committee meeting and annual meeting of IFA Phosphogypsum Working Group.


10. DDG, FAI and Additional Director (Agricultural Sciences) participated in National Crop Nutrition Summit 2018 on Importance of Balanced Nutrition in Crop and Human Health on 20th April, 2018 in New Delhi and DDG delivered a key note address in the Summit.

11. DDG, FAI participated in LNG Outlook 2018 organised by Shell on 2nd May, 2018 in New Delhi.

12. DDG, FAI presented a paper on Developments in Fertilizer Market in India in Global Specialty Fertilizer Convention (SFC Global 2018) organised by China National Chemical Information Centre during 14-15 June, 2018, Beijing, China.


14. Adviser, FAI participated in FAO Fertilizer Outlook Expert Group Meeting held during 10-12 September, 2018 at Rome, Italy and made a presentation on Demand Forecast.

15. Additional Director (Agricultural Sciences) participated in Roundtable Dialogue on Options and Investment Priorities for Conserving Natural Resources and Addressing Climate Change and Agricultural Pollution on 9th April, 2018 held at NASC Complex, New Delhi.


17. Additional Director (Agricultural Sciences), FAI attended Brainstorming Session on Holistic Strategy for Assessment of Soil Health held under the chairmanship of Secretary, DARE and DG, ICAR on 26th June, 2018 at NASC complex, New Delhi.


19. Additional Director (Agricultural Sciences) participated in IPNI Research Cooperators Meet
2018 organized in collaboration with Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola during 2-3 November, 2018 at College of Agriculture, Nagpur, Maharashtra.

20. Additional Director (Agricultural Sciences) participated in National Dialogue on Innovations for Promoting Balanced Application of Macro and Micro Nutrient Fertilizers in Indian Agriculture, jointly organized by IPNI and IFPRI on 12th December, 2018, in New Delhi.

21. Additional Director (Agricultural Sciences) presented a paper on Developments in Fertilizer Sector (Futuristic Fertilizer Policy) in XIV Agricultural Science Congress, organized during February 20-23, 2019 held at NAAS Complex, New Delhi.

22. Additional Director (Agricultural Sciences) participated in Asian Soil Partnership of Food and Agricultural Organization (FAO) including Steering Committee meeting of Center of Excellence of Soil Research in Asia (CESRA), held during February 26-28, 2019 at NASC Complex, New Delhi.

23. Chief (Technical), FAI attended the 63rd Annual Safety in Ammonia Plants and Related Facilities Symposium organized by American Institute of Chemical Engineers during September 16-20, 2018 in Toronto, Canada.

24. Chief (Technical), FAI attended the Indo-Topsoe 2018 Seminar on Ammonia Technology on 26th October, 2018 held at New Delhi.

25. RH-ER made presentations on Fertilizer and Raw Material Scenario in India in the training programmes for the agricultural officers of the Eastern Region organized by Regional Fertilizer Control Laboratory on 28th August, 2019 and 14th February, 2019 at Kalyani, West Bengal.

26. RH-SR made presentation on Fertilizer Policy, Scenario, Marketing, Distribution and Related Aspects in the Refresher Course for the officers of Department of Agriculture organized by the Regional Fertiliser Control Laboratory on 10th July, 29th August and 25th October, 2019 at Chennai.

27. 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.

MEETINGS

1. DG, FAI had meetings with Rao Inderjeet Singh, Minister of State for Chemicals and Fertilizers regarding reimbursement of increase in fixed cost of urea units on 28th December, 2018, 18th January, 2019, 7th February, 2019 and 11th February, 2019.

2. DG, FAI had a meeting with Rao Inderjeet Singh, Minister of State for Chemicals and Fertilizers on 22nd March, 2019 and discussed with him various problems of the fertilizer sector including reimbursement of fixed cost of urea units.

3. DG, FAI met Mr. Nripendra Misra, Principal Secretary to Hon’ble Prime Minister to discuss urea pricing and subsidy policy on 24th July, 2018.

4. DG, FAI participated in a meeting with Mr. Bibek Debroy, Chairman, Prime Minister’s Economic Advisory Council and Member NITI Aayog regarding issues of fertilizer sector on 25th April, 2018.

5. DG, FAI participated in a meeting chaired by Vice-Chairman, NITI Aayog regarding supply of gas on 20th November, 2018.

6. DG, FAI met Prof. Ramesh Chand, Member, NITI Aayog on 18th October, 2018 and 9th January, 2019 and apprised him about the issues of the fertilizer sector.

7. DG and DDG, FAI participated in 2nd meeting of the Expert Group constituted to give recommendations on Target Energy Norms to be achieved by urea units w.e.f. 1st April, 2025 and on other associated issues chaired by Dr. V.K. Saraswat, Member, NITI Aayog on 3rd October, 2018.

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

9. DG, FAI attended various meetings in the Ministry of Agriculture & Farmers Welfare including Central Fertilizer Committee (CFC) for the Fertilizer Control Order. He attended all the four CFC meetings held on 19th April, 2018, 14th September, 2018, 1st March, 2019 and 12th March, 2019 and provided valuable inputs.
10. DG, FAI met senior officers and Secretary (Expenditure), Ministry of Finance, to request provision of enough funds in the budget to meet the requirement of fertilizer subsidy for 2019-20, additional allocation for the current year and special banking arrangement.

11. DG, FAI participated in a meeting chaired by Secretary (Fert.) regarding P&K issues on 17th April, 2018.

12. DG, FAI participated in a meeting chaired by Joint Secretary, DoF to discuss various issues related to SSP Industry on 25th April, 2018.

13. DG, FAI met Secretary (Shipping) on 27th June, 2018 and discussed with him about the prospects of movement of fertilizers through coastal shipping/inland waterways.

14. DG, FAI attended a meeting chaired by Secretary (Fert.) on issues of Fertilizer Industry on 3rd July, 2018.

15. DG, FAI participated in a meeting chaired by Joint Secretary (Sagarmala), Ministry of Shipping regarding discussion on enhancing the movement of fertilizers through coastal shipping/inland waterways on 19th July, 2018.

16. DG, FAI participated in a meeting chaired by Secretary (Fert.) regarding promotion of coastal movement of fertilizers on 6th August, 2018.

17. DG, FAI had meetings with Dr. Yogesh Suri, Advisor, Ministry of Planning on 29th August, 2018 and 11th September, 2018 and apprised him about the policy related issues of the fertilizer sector.

18. DG, FAI participated in a meeting chaired by Secretary (Fert.) regarding pending issues of the fertilizer sector on 11th October, 2018.

19. DG, FAI attended first meeting of Committee held on 13th November, 2018 under the chairmanship of Additional Secretary (INM), DAC&FW to examine the recommendation of Standing Committee on Agriculture. As per recommendations of the Standing Committee of Parliament, the Committee examined the impact of Chemical Fertilizers and Pesticides on Agriculture and Allied Sectors in the country and need for a regulatory authority in the Fertilizer Sector. Subsequently, Additional Director (Agricultural Sciences) attended the second meeting on 6th March, 2019 to discuss the draft report of the Committee.

20. DG, FAI attended a meeting chaired by Secretary, DAC&FW on 14th November, 2018 to discuss the problems being faced by customized fertilizer manufacturers in promoting the production and sale of customized fertilizers.

21. DG, FAI participated in a meeting chaired by Secretary (Fert.) with CMDs/MDs of fertilizer companies held at India Habitat Centre on 14th January, 2019.

22. DG, FAI participated in a meeting chaired by Secretary (Fert.) to discuss various issues related to SSP Industry on 6th February, 2019.

23. DG, FAI participated in a meeting chaired by Secretary (Fert.) to discuss various issues related urea industry on 15th March, 2019.

24. DG, FAI participated in the 1st meeting of the Committee on Issues of SSP Industry chaired by the Joint Secretary, DoF on 22nd March, 2019.

25. DDG and Director (Marketing), FAI attended a meeting chaired by Additional Secretary, DoF on the issues/problems being faced in implementation of DBT by P&K fertilizers and SSP industry on 9th May, 2018.

26. DDG, FAI attended the stakeholders meeting for ESCOs development in India at Bureau of Energy Efficiency on 11th May, 2018.

27. DDG, Director (Marketing), Adviser and Chief (Marketing) FAI participated in a Video Conference for promotion of digital payment by fertilizer industry on 5th June, 2018 organized by Ministry of Electronics and Information Technology.

28. DDG, FAI attended a meeting on 10th August, 2018 organised by National Water Mission (NWM), Ministry of Water Resources on on State Specific Action Plan on Water. FAI developed a proforma on water availability/supply demand in fertilizer industry and provided the same to NWM.

29. DDG and Chief (Technical), FAI along with representatives of industry had meeting with CPCB representatives to discuss the issues related to Guidelines on Continuous Emission and Effluent Monitoring Systems at CPCB on 14th August, 2018.

30. DDG and Director (Marketing), FAI attended a meeting on coastal shipping chaired by Additional Secretary (Shipping) on 10th September, 2018.
31. DDG, FAI attended the Lovraj Kumar Memorial Trust seminar on “Opportunities in Alternative Usage of Coal” at India International Centre, New Delhi on 8th February, 2019.

32. Director (Marketing), FAI attended a meeting on progress on digital payments chaired by Economic Adviser, DoF on 20th July, 2018.

33. Director (Marketing), FAI attended meetings on mechanism for sale of fertilizers to mixture/customized fertilizers manufacturers under DBT chaired by Economic Adviser, DoF on 28th August, 13th September and 19th September, 2018.

34. Director (Marketing), FAI attended a meeting on coastal shipping chaired by Additional Secretary (Shipping) on 25th September, 2018.

35. Director (Marketing), FAI attended the meeting to review the progress of digital payments chaired by Economic Adviser, DoF on 24th October, 2018.

36. Director (Marketing), FAI attended a meeting on Soil Health Cards chaired by Joint Secretary (INM), DAC&FW on 1st November, 2018.

37. Director (Marketing), FAI attended a meeting on World Soil Day 2018 chaired by Joint Secretary (INM), DAC&FW on 5th November, 2018.

38. Director (Marketing), Chief (Marketing), Regional Heads (ER, SR, WR) and Officer-NR participated in the kharif 2019 Zonal Conference for East, North-East, South, West and North zones at NASC complex, New Delhi on 5th February, 2019.

39. Director (Marketing), Chief (Marketing) and Regional Heads (SR & WR), FAI participated in the rabi 2018-19 Zonal Conference for South and West zones on at NASC complex, New Delhi 4th September, 2018.

40. Director (Marketing), Chief (Marketing) and Regional Heads ER and Officer-NR, FAI participated in the rabi 2018-19 Zonal Conference for East, North East and North zones at NASC complex, New Delhi on 6th September, 2018.

41. Additional Director (Agricultural Sciences) attended 56th meeting of CFC held on 19th April, 2018, under the chairmanship of Additional Secretary (INM) and 57th, 58th and 59th meetings of CFC on 14th September, 2018, 1st March, 2019 and 12th March, 2019 held under the chairmanship of Agriculture Commissioner, MOA&FW.

42. Additional Director (Agricultural Sciences) attended a meeting taken by Joint Secretary (INM), DAC&FW on 4th May, 2018 on procurement of raw materials for production of customized fertilizes with POS.

43. Additional Director (Agricultural Sciences) attended the meeting convened by Chairman, Commission for Agricultural Costs and Prices (CACP) on 1st February, 2019 on formulation of price policy for kharif crops.

44. Additional Director (Agricultural Sciences) attended the meeting with Joint Secretary (INM), DAC&FW on 12th March, 2019 to discuss the terms of reference for the pilot study on neem coated urea analysis.

45. Chief (Technical), FAI attended the 13th Meeting of Environment Protection Sectional Committee, CHD 32 at Bureau of Indian Standards on 17th April, 2018.

46. Chief (Technical), FAI attended the 2nd Steering Committee meeting to discuss the draft Energy Conservation Guidelines for Indian Industries at Bureau of Energy Efficiency on 6th July, 2018.

47. Chief (Technical), FAI attended the meeting to discuss and finalize the study on the outcome and evaluation of PAT Cycle-I conducted by Bureau of Energy Efficiency and CII on 26th July, 2018.

48. Chief (Technical), FAI attended the 22nd Meeting of Environmental Management, CHD 34 along with its subcommittees and Panels at BIS on 31st July, 2018.


50. Chief (Technical), FAI attended the 3rd, 4th and 5th meeting of Sub-committee of Bureau of Energy Efficiency on Fertilizer Sector under PAT Cycle II at BEE, New Delhi on 18th January, 7th February and 27th March, 2019, respectively.

51. Chief (Marketing) attended a meeting to examine and suggest the mechanism of sale of subsidized fertilizers to the mixture/customized fertilizers manufacturing units under DBT system chaired by Economic Advisor, DoF on 13th September, 2018.

52. Regional Heads, FAI regularly attended review meetings, pre-zonal conference meetings, state advisory committee, etc., organized by the State Departments of Agriculture of their respective regions.
## TRAINING PROGRAMMES/ORIENTATION COURSES HELD DURING 2018-19

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Programme</th>
<th>Period</th>
<th>Name of the City</th>
<th>No. of Participants</th>
<th>Inaugurated by</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>CORPORATE OFFICE</strong></td>
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</tr>
<tr>
<td>1.</td>
<td>Workshop on Best Practices in Environment Management in Fertilizer Industry</td>
<td>9-11 May 2018</td>
<td>Bhubaneswar</td>
<td>33</td>
<td>Mr. Debidutta Biswal, IFS member secretary Odisha Pollution Control Board Bhubaneswar</td>
</tr>
<tr>
<td>2.</td>
<td>Business Intelligence, Forecasts and Planning for the Fertilizer Sector</td>
<td>10-13 June 2018</td>
<td>Ramnagar</td>
<td>39</td>
<td>Mr Satish Chander Director General FAI, New Delhi</td>
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<tr>
<td>3.</td>
<td>Fertilizer Industry Orientation Programme</td>
<td>4-6 July 2018</td>
<td>New Delhi</td>
<td>34</td>
<td>Mr Satish Chander Director General FAI, New Delhi</td>
</tr>
<tr>
<td>4.</td>
<td>Fertilizer Industry Orientation Programme</td>
<td>1-3 August 2018</td>
<td>New Delhi</td>
<td>30</td>
<td>Mr Satish Chander Director General FAI, New Delhi</td>
</tr>
<tr>
<td>5.</td>
<td>Group Discussion on Operation and Maintenance Problems of Ammonia Plants</td>
<td>6-8 September 2018</td>
<td>Bathinda</td>
<td>56</td>
<td>Mr Manoj Mishra Chairman &amp; Managing Director NFL, Noida and Co-Chairman, FAI New Delhi</td>
</tr>
<tr>
<td>6.</td>
<td>Training Programme for Senior Maintenance Engineers in Fertilizer Industry</td>
<td>17-22 February 2019</td>
<td>Gandhinagar</td>
<td>35</td>
<td>Dr S Nand Deputy Director General FAI, New Delhi</td>
</tr>
<tr>
<td>7.</td>
<td>Fertilizer Logistics – Port Handling Operations and Coastal Shipping</td>
<td>6-9 March 2019</td>
<td>Gandhidham</td>
<td>63</td>
<td>Mr Pramod A Vasave Commissioner Goods and Services Tax, Kutch</td>
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<td></td>
<td><strong>NORTHERN REGION</strong></td>
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<tr>
<td>1.</td>
<td>Dealer Training Programme</td>
<td>4 May 2018</td>
<td>Kanpur</td>
<td>114</td>
<td>Mr V K Tripathi Joint Director Agriculture Government of U P Kanpur</td>
</tr>
<tr>
<td>2.</td>
<td>Fertilizer Orientation Course</td>
<td>5 May 2018</td>
<td>Kanpur</td>
<td>126</td>
<td>Dr Poonam Singh Dean, College of Agriculture CSAUA&amp;T, Kanpur</td>
</tr>
<tr>
<td>3.</td>
<td>Fertilizer Orientation Course</td>
<td>31 August 2018</td>
<td>Patiala</td>
<td>126</td>
<td>Dr D S Ubha Principal GSSDGS Khalsa College, Patiala</td>
</tr>
<tr>
<td>4.</td>
<td>Dealer Training Programme</td>
<td>1 September 2018</td>
<td>Patiala</td>
<td>82</td>
<td>Mr Jasbir Singh Bains Director of Agriculture Government of Punjab SAS Nagar</td>
</tr>
<tr>
<td>S. No.</td>
<td>Name of Programme</td>
<td>Period</td>
<td>Name of the City</td>
<td>No. of Participants</td>
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<tr>
<td>5.</td>
<td>Challenges and Strategies for Fertilizer Industry</td>
<td>12-15 September 2018</td>
<td>Kufri</td>
<td>66</td>
<td>Mr. Arun K. Gupta Managing Director HURL, New Delhi</td>
</tr>
<tr>
<td>6.</td>
<td>Fertilizer Orientation Course</td>
<td>11 January 2019</td>
<td>Deoria</td>
<td>172</td>
<td>Mr. Satish Chander Director General FAI, New Delhi</td>
</tr>
<tr>
<td>7.</td>
<td>Dealer Training Programme</td>
<td>12 January, 2019</td>
<td>Gorakhpur</td>
<td>84</td>
<td>Mr. Satish Chander Director General FAI New Delhi</td>
</tr>
<tr>
<td>9.</td>
<td>Fertilizer Orientation Course</td>
<td>28 March 2019</td>
<td>Meerut</td>
<td>206</td>
<td>Dr. Gaya Prasad Vice Chancellor SVPUA&amp;T, Meerut</td>
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</table>

**EASTERN REGION**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Programme</th>
<th>Period</th>
<th>Name of the City</th>
<th>No. of Participants</th>
<th>Inaugurated by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dealer Training Programme</td>
<td>10 April 2018</td>
<td>Baharampur</td>
<td>45</td>
<td>Mr. Sanjoy Bhattacharjee Deputy Director of Agriculture(M&amp;F) Government of West Bengal Kolkata</td>
</tr>
<tr>
<td>2.</td>
<td>Fertilizer Orientation Course</td>
<td>14 May 2018</td>
<td>Sabour</td>
<td>204</td>
<td>Dr. A.K. Singh Vice Chancellor, BAU, Sabour</td>
</tr>
<tr>
<td>3.</td>
<td>Dealer Training Programme</td>
<td>15 May 2018</td>
<td>Bhagalpur</td>
<td>60</td>
<td>Mr. B.B. Singh Vice President (CA&amp;SC) IRC Agro Chemicals Pvt. Ltd. Kolkata</td>
</tr>
<tr>
<td>4.</td>
<td>DBT in Fertilizer Sector – Challenges and Opportunities</td>
<td>26 June, 2018</td>
<td>Ranchi</td>
<td>37</td>
<td>Swami Bhaveshananda Maharaj Secretary, Rama Krishna Ashram Morabadi, Ranchi</td>
</tr>
<tr>
<td>5.</td>
<td>DBT in Fertilizer Sector – Scope, Problems and Challenges</td>
<td>18 July 2018</td>
<td>Bankura</td>
<td>70</td>
<td>Mr. Debasis Dutta DBT State Coordinator, Kolkata</td>
</tr>
<tr>
<td>6.</td>
<td>DBT in Fertilizer Sector – Challenges and Future Prospects</td>
<td>20 August 2018</td>
<td>Bhubaneswar</td>
<td>39</td>
<td>Mr. Umesh Das Deputy Director of Agriculture(Q&amp;C) Government of Odisha Bhubaneswar</td>
</tr>
<tr>
<td>7.</td>
<td>Specialty Fertilizer and its 17 September 2018</td>
<td>Kolkata</td>
<td>41</td>
<td>Mr. Sunil Sethy Managing Director PPL and ZACL, Gurgaon</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>DBT in Fertilizer Sector and its Trouble Free Operation</td>
<td>10 November 2018</td>
<td>Kolkata</td>
<td>48</td>
<td>Dr. Kavitha Gotru Director (F&amp;A and DBT) Department of Fertilizers New Delhi</td>
</tr>
<tr>
<td>S. No.</td>
<td>Name of Programme</td>
<td>Period</td>
<td>Name of the City</td>
<td>No. of Participants</td>
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<tr>
<td>10.</td>
<td>Fertilizer Management Development Programme on Fertilizer Industry in India – Challenges &amp; Way Forward</td>
<td>16-18 March 2019</td>
<td>Paradeep</td>
<td>39</td>
<td>Dr. H. Pathak Director ICAR - NIRRI, Cuttack</td>
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</table>

**WESTERN REGION**

| 1.    | Balanced Use of Fertilizers & Integrated Nutrient Management for Sustainable Agriculture | 15 June 2018          | Anand            | 100                 | Mr. Sanjay Prasad, IAS Additional Chief Secretary Department of Agriculture & Cooperation, Government of Gujarat Gandhinagar |
| 2.    | Dynamics of Fertilizer Marketing                                                    | 26-29 September 2018  | Goa              | 36                  | Mr. Levil Alfonso Joint Director of Agriculture, Goa                            |
| 3.    | Fertilizer Orientation Course                                                        | 27 November 2018      | Kolhapur         | 80                  | Dr. G.G. Khot Principal & Associate Dean College of Agriculture, Kolhapur       |
| 4.    | Dealer Training Programme                                                           | 28 November 2018      | Kolhapur         | 84                  | Dr. G.G. Khot Principal & Associate Dean College of Agriculture, Kolhapur       |
| 5.    | Dealer Training Programme                                                           | 20 December 2018      | Navsari          | 75                  | Dr. C.J. Dangaria Vice Chancellor, NAU, Navsari                                  |
| 6.    | Fertilizer Orientation Course                                                        | 21 December 2018      | Navsari          | 173                 | Dr. M.K. Arvadia Dean N.M. College of Agriculture NAU, Navsari                  |
| 8.    | Fertilizer Orientation Course                                                        | 10 January 2019       | Vidisha          | 40                  | Dr. I.M. Khan Dean College of Agriculture, Vidisha                              |
| 9.    | Fertilizer Orientation Course                                                        | 5 February 2019       | Raipur           | 50                  | Dr. S.S. Rao Dean College of Agriculture, Raipur                                |
| 10.   | Dealer Training Programme                                                           | 6 February 2019       | Raipur           | 66                  | Mr. C.B. Londhekar Joint Director of Agriculture Government of Chhattisgarh, Raipur |

**SOUTHERN REGION**

<p>| 1.    | National Seminar on Soil Health Governance through Integrated Nutrient Management   | 18 April 2018         | Bangalore        | 54                  | Mr. S. Narayanan Director (Marketing) SPIC and Greenstar Fertilizers Limited and Chairman, FAI-SR Chennai |
| 2.    | Balanced Use of Nutrients through Specialty Fertilizers                              | 18 May 2018           | Gonikoppal       | 93                  | Mr. S. Narayanan Director (Marketing) SPIC and Greenstar Fertilizers Limited and Chairman, FAI-SR Chennai |
| 3.    | Soil Health Management                                                              | 31 May 2018           | Warangal         | 72                  | Dr. P. Raghuram Reddy Associate Director of Research RARS, Warangal              |</p>
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<thead>
<tr>
<th>S. No.</th>
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<tr>
<td>4.</td>
<td>Fertilizer Orientation Course</td>
<td>26 June 2018</td>
<td>Trichy</td>
<td>183</td>
<td>Dr. C. Sekar&lt;br&gt;Dean, IIAT, Kannanur&lt;br&gt;Mr. S. Narayanan&lt;br&gt;Director (Marketing) SPIC and Greenstar Fertilizers Limited, Chennai and Chairman, FAI – SR, Chennai</td>
</tr>
<tr>
<td>5.</td>
<td>Fertilizer Policy and Soil Health Governance</td>
<td>24 July 2018</td>
<td>Trivendrum</td>
<td>42</td>
<td>Mr. S. Narayanan&lt;br&gt;Director (Marketing) SPIC and Greenstar Fertilizers Limited, Chennai and Chairman, FAI – SR, Chennai</td>
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<td>6.</td>
<td>Fertilizer Orientation Course</td>
<td>28 August 2018</td>
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<td>58</td>
<td>Dr. G. Padmaja&lt;br&gt;Associate Dean&lt;br&gt;Agricultural College, Jagtial</td>
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<td>7.</td>
<td>INM for Sustaining Soil Health</td>
<td>29 August 2018</td>
<td>Polasa</td>
<td>114</td>
<td>Dr. S. Sai Prasad&lt;br&gt;Divisional Agronomist&lt;br&gt;Coromandel International Limited&lt;br&gt;Vijayawada</td>
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<tr>
<td>8.</td>
<td>Specialty Fertilizers for Enhancing the Quality and Productivity of Crops</td>
<td>18 September 2018</td>
<td>Nandyal</td>
<td>81</td>
<td>Dr. M. Subba Rao&lt;br&gt;Associate Director of Research&lt;br&gt;RARS, Nandyal</td>
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<td>9.</td>
<td>Need for Reforms in Fertilizer Policy</td>
<td>10-13 October 2018</td>
<td>Tuticorin</td>
<td>51</td>
<td>Mr. S.R. Ramakrishnan&lt;br&gt;Whole Time Director&lt;br&gt;SPIC, Tuticorin</td>
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<tr>
<td>10.</td>
<td>Workshop on Fertigation</td>
<td>27 November 2018</td>
<td>Reddipally</td>
<td>57</td>
<td>Dr. M. Subba Rao&lt;br&gt;Associate Director of Research&lt;br&gt;RARS, Nandyal</td>
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<tr>
<td>11.</td>
<td>Fertilizer Orientation Course</td>
<td>28 November 2018</td>
<td>Alamuru</td>
<td>124</td>
<td>Mr. P.V.K. Kishore&lt;br&gt;Chairman&lt;br&gt;Agriculture and Horticulture College, Alamuru</td>
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<tr>
<td>12.</td>
<td>Integrated Nutrient Management – Need for Suitable Fertilizer Policy</td>
<td>15 December 2018</td>
<td>Bangalore</td>
<td>93</td>
<td>Dr. S. Rajendra Prasad&lt;br&gt;Vice Chancellor University of Agricultural Sciences, Bangalore</td>
</tr>
<tr>
<td>13.</td>
<td>Fertilizer Orientation Course</td>
<td>3 January 2019</td>
<td>Perambalur</td>
<td>66</td>
<td>Dr. Avidainayagam&lt;br&gt;Dean Institute of Agriculture and Rural Development, Perambalur</td>
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<td>14.</td>
<td>Soil Health Governance through Integrated Nutrient Management</td>
<td>4 January 2019</td>
<td>Perambalur</td>
<td>96</td>
<td>Dr. V.E. Nethaji Mariappan&lt;br&gt;Head Krishi Vigyan Kendra&lt;br&gt;Perambalur</td>
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<tr>
<td>15.</td>
<td>Fertilizer Orientation Course</td>
<td>26 February 2019</td>
<td>Aswaraopet</td>
<td>126</td>
<td>Dr. C. Narendra Reddy&lt;br&gt;Associate Dean&lt;br&gt;Agricultural College, Aswaraopet</td>
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<td>16.</td>
<td>Critical Role and Importance of Specialty Fertilizers in Balanced use of Nutrients</td>
<td>27 February 2019</td>
<td>Aswaraopet</td>
<td>108</td>
<td>Dr. C. Narendra Reddy&lt;br&gt;Associate Dean&lt;br&gt;Agricultural College, Aswaraopet</td>
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<td>17.</td>
<td>Enhancing Farmer’s income – Ways and Means</td>
<td>20 March 2019</td>
<td>Mudigere</td>
<td>96</td>
<td>Mr. S. Narayanan&lt;br&gt;Director (Marketing)&lt;br&gt;SPIC and Greenstar Fertilizers Limited and Chairman, FAI–SR Chennai</td>
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<tr>
<td>18.</td>
<td>Fertilizer Orientation Course</td>
<td>22 March 2019</td>
<td>Hassan</td>
<td>160</td>
<td>Dr. N. Deva Kumar&lt;br&gt;Dean College of Agriculture, Hassan</td>
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</table>
ACTIVITIES - CORPORATE OFFICE

[Images of various activities and events]
ACTIVITIES - CORPORATE OFFICE
ACTIVITIES - REGIONAL OFFICE
ACTIVITIES - REGIONAL OFFICE
FAI AWARDS FOR 2018

I. FAI GOLDEN JUBILEE AWARDS

1. BEST PRODUCTION PERFORMANCE AWARDS

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

Joint Winners
Indian Farmers Fertiliser Cooperative Limited, Phulpur-I and Chambal Fertilisers and Chemicals Limited, Gadepan-I

Runner-Up
Not Awarded

B. Phosphoric Acid Plants

Winner
Coromandel International Limited, Visakhapatnam

C. Complex (P₂O₅) Fertilizer Plants

Winner
Paradeep Phosphates Limited, Paradeep

D. Single Super Phosphate Plants

Not awarded

E. Improvement in Overall Performance of a Company

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

2. BEST TECHNICAL INNOVATION AWARDS

Winner
Gujarat Narmada Valley Fertilizers & Chemicals Limited, Bharuch for their innovation “Solving Inherent Design Problem of Scaling in Equipments of CN Conversion, Lime Filtration & Ammonium Nitrate Evaporation Sections of Nitrophosphate Plant”.

Runner-Up
Kribhco Fertilizers Limited, Shahjahanpur for their innovation “Development of Indigenous Indian Manufacturer as an Import Substitute of Pressure Reducing and De-superheating System (PRDS) Valve in Ammonia Plant”.

II. ENVIRONMENT PROTECTION AWARDS

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

Winner
Indian Farmers Fertiliser Cooperative Limited, Phulpur
Joint Runner-Ups
Chambal Fertilisers and Chemicals Limited, Gadepan and Indian Farmers Fertiliser Cooperative Limited, Kalol

B. NP/NPK Complex Fertilizer Plants with captive acids

Winner
Indian Farmers Fertiliser Cooperative Limited, Paradeep

C. NP/NPK Complex Fertilizer Plants without captive acids

Winner
Gujarat State Fertilizers & Chemicals Limited, Sikka

D. Single Super Phosphate Plants

Winner
Not Awarded

III. AWARD FOR EXCELLENCE IN SAFETY

Winners
Rashtriya Chemicals & Fertilizers Limited, Thal
Runner-Up
Indian Farmers Fertiliser Cooperative Limited, Kalol

IV. VIDEO FILM COMPETITION AWARDS

Winner
Krishak Bharati Cooperative Limited, Noida for the film एक नयी उड़ान - समृद्ध किसान
Runner-Up
Adventz Agri Business, Gurgaon for the film निर्णय

V. AWARD ON PRODUCTION, PROMOTION AND MARKETING OF BIOFERTILISERS/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
Indian Farmers Fertiliser Cooperative Limited, New Delhi.

VII. FAI AWARD ON APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGY/DIGITAL TRANSACTIONS IN AGRICULTURE

Winner
Adventz Agri Business, Gurgaon

VIII. AWARD ON 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 NITROGEN MANAGEMENT FOR SUSTAINABLE CROP PRODUCTION**

**Winner**  
Dr. V. K. Singh, Division of Agronomy & Dr. B. S. Dwivedi, Division of Soil Science & Agricultural Chemistry, ICAR - IARI, Pusa Campus, New Delhi for their valuable contributions in the area of efficient nitrogen management for sustainable crop production through site-specific nutrient management (SSNM) and inclusion of legumes in intensive cropping systems.

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

**Winner**  
Dr. S.K. Kakraliya, Division of Agronomy, CCS Haryana Agricultural University, Hisar for his outstanding Doctoral Research on Participatory assessment of portfolios of climate smart agricultural practices for adapting rice-wheat cropping system to climate variability in Climate Smart Villages of Haryana.

XI. **IPNI-FAI AWARD ON MANAGEMENT AND BALANCED USE OF INPUTS IN ACHIEVING MAXIMUM YIELD**

**Winner**  
Dr. M. C. Manna, Dr. R. H. Wanjari, Dr. Muneshwar Singh, Dr. Ashok K. Patra, ICAR- Indian Institute of Soil Science, Bhopal, M.P. & Dr. S. K. Chaudhari, NRM Division, ICAR, New Delhi for their outstanding contributions on impact of balanced fertilizer, manure and amendment on organic carbon pools and dynamics, carbon sequestration, soil health ultimately reflecting yield sustainability under different land use and management practices through basic and applied research under long-term fertilizer experiments in India.

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

**Winners**  
Dr. S.S. Dhaliwal, Department of Soil Science, Punjab Agricultural University Ludhiana for his outstanding research and promotional work on enrichment of grains of maize, wheat, rice, oats and sugarcane with zinc application; field testing of innovative approaches for zinc fortification; and creating awareness on Zn nutrition.

XIII. **BEST ARTICLE AWARDS**

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

**First Prize**  
Mr. A.K. Das, Mr. C.J. Shah, Mr. Piush Kumar and Mr. Darshan Shah, Krishak Bharati Cooperative Limited, Surat are awarded the FIRST PRIZE for their article Resolution of Continuous Emissions Monitoring System Problems and Developing In-house Chemical for Silica Analyzer: Case Studies published in the October, 2017 issue of Indian Journal of Fertilisers.

**Second Prize**  
Mr. E. Balu, Mr. E. Rajeshkumar and Mr. S. Ravichandran, Southern Petrochemical Industries Corporation Limited, Tuticorin are awarded the SECOND PRIZE for their article Ameliorating Safety as an Idiosyncrasy in SPIC Fertilizer Complex published in the June, 2018 issue of Indian Journal of Fertilisers.

B. **SHRIRAM AWARDS IN MARKETING**

**First Prize**  
Mr. N.H. Kurane and Mr. Sanjay Arora, Rashtriya Chemicals and Fertilizers Limited, Mumbai are awarded the FIRST PRIZE for their article on Feasibility of Digital Transaction in Fertilizer Sector published in the September 2018 issue of Indian Journal of Fertilisers.

**Second Prize**  
Dr. Srikantha Mohare, Smartchem Technologies Limited (100% Subsidiary of Deepak Fertilizers and Petrochemicals Limited), Pune is awarded the SECOND PRIZE for his article on Increasing Role of Specialty Fertilizers in Indian Agriculture published in the September 2018 issue of Indian Journal of Fertilisers.

C. **DHIRU MORARJI MEMORIAL AWARDS IN AGRICULTURAL SCIENCES**

**First Prize**  
Dr. A.S. Panwar, Dr. M. Shamim and Dr. N. Ravisankar, ICAR-Indian Institute of Farming System Research, Modipuram, Meerut for their article Influence of Inter-annual Rainfall Variation on Nutrient Recycling and Sustainability of Integrated Farming Systems in Different Agroecosystems published in February, 2018 issue of Indian Journal of Fertilisers.

**Second Prize**  
Dr. Tarunendu Singh and Mr. Yogendra Kumar, Indian Farmers Fertiliser Cooperative Limited., New Delhi for their article Drip-fertigation for Ensuring Farmers’ Profitability and Agricultural Sustainability published in August, 2018 issue of Indian Journal of Fertilisers.

D. **SHRIRAM KHAD PATRIKA AWARD (HINDI)**

**First Prize**  
Dr. Nitin N. Gudadhe, Dr. V.G. Bavalgave, Dr. Bhumika Tanden, Dr. Sejal Parmar and Dr. J.D. Thanki, N.M. College of Agriculture, Navsari Agricultural University, Navsari for their article Drip-fertigation for Ensuring Farmers’ Profitability and Agricultural Sustainability published in May 2018 issue of Khad Patrika.

**Second Prize**  
Dr. S. S. Rathore and Dr. Kapila Sekhawat, Division of Agronomy, ICAR-Indian Agricultural Research Institute (IARI), New Delhi for their article on खिड़की फलचक में स्थानिक पर्यावरण प्रभाव द्वारा अधिक फल उत्पादनका और नाम published in June, 2018 issue of Khad Patrika.
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AWARD WINNERS

FAI Best Production Performance Award – Nitrogenous (Ammonia) Fertilizer Plants
Joint Winners: IFFCO, Phulpur-I & CFCL, Gadepan-I
Mr. Mukul Srivastava, Sr. Executive Director, IFFCO-Phulpur, receiving the award

FAI Best Production Performance Award – Nitrogenous (Ammonia) Fertilizer Plants
Joint Winners: CFCL, Gadepan-I & IFFCO, Phulpur-I
Mr. P.C. Srinivasan, General Manager (Tech.), CFCL-Gadepan, receiving the award

FAI Best Production Performance Award – Phosphoric Acid Plants
Winner: Coromandel International Limited, Visakhapatnam
Mr. Sameer Goel, Managing Director, receiving the award

FAI Best Production Performance Award – DAP/NP/NPK Complex Fertilizer Plants
Winner: Paradeep Phosphates Limited, Paradeep
Mr. Ranjit Singh Chugh, Chief Operating Officer and Mr. Pranab Bhattacharyya, Chief General Manager (Operations), receiving the award

FAI Best Production Performance Award – Improvement in Overall Performance of a Company
Winner: Shriram Fertilisers & Chemicals, Kota
(A Unit of DCM Shriram Limited)
Mr. Vinoo Mehta, President & Business Head (Fert. & Cement), receiving the award

FAI Best Technical Innovation Award
Winner: Gujarat Narmada Valley Fertilizers & Chemicals Ltd., Bharuch
Mr. R.T. Bhargava, OSD, receiving the award
AWARD WINNERS

FAI Best Technical Innovation Award
Runner up : Kribhco Fertilizers Limited, Shahjahanpur
Mr. O.P. Gupta, Managing Director & Mr. R.K. Chopra, Vice President (Works), receiving the award

FAI Best Environment Protection Award – Nitrogenous Fertilizer Plants
Winner : IFFCO, Phulpur
Mr. Mukul Srivastava, Senior Executive Director, receiving the award

FAI Best Environment Protection Award – Nitrogenous Fertilizer Plants
Joint Runner ups : IFFCO, Kalol & CFCL-Gadepan
Mr. D.G. Inamdar, General Manager, IFFCO-Kalol, receiving the award

FAI Best Environment Protection Award – NP/NPK Complex Fertilizer Plants with Captive Acids
Winner : IFFCO-Paradeep
Mr. A.K. Panda, Senior General Manager & Unit Head, receiving the award

FAI Best Environment Protection Award – NP/NPK Complex Fertilizer Plants without Captive Acids
Winner : Gujarat State Fert. & Chem. Ltd., Sikka
Mr. D.K. Gandhi, Sr. Vice President & Mr. D.B. Shah, Senior Vice President, receiving the award
AWARD WINNERS

FAI Award for Excellence in Safety
Winner: Rashtriya Chemicals & Fertilizers Limited, Thal
Mr. U.V. Dhatrak, CMD & Mr. R.P. Jawale, Executive Director (Thal), receiving the award

FAI Award for Excellence in Safety
Runner up: IFFCO-Kalol
Mr. D.G. Inamdar, General Manager, receiving the award

FAI Best Video Film Award
Winner: KRIBHCO, Noida
Mr. V.S. Sirohi, Marketing Director, receiving the award

FAI Best Video Film Award
Runner up: Adventz Agri Business, Gurugram
Mr. Harshdeep Singh, Vice President (Sales & Mktg.), receiving the award

FAI Award on Production, Promotion and Marketing of Biofertilizers, 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: IFFCO, New Delhi
Mr. Yogendra Kumar, Director (Marketing), receiving the award
AWARD WINNERS

FAI Award on Application of Information and Communication Technology/ Digital Transactions in Agriculture
Winner: Adventz Agri Business, Gurugram
Dr. K.K. Singh, General Manager (Agri. Business), receiving the award

FAI Award on Promotion and Marketing of Micronutrients in India
Winner: IFFCO, New Delhi
Mr. Rishi Pal, Senior Marketing Manager (UP) &
Mr. S.K. Gadge, Senior Marketing Manager (Maharashtra), receiving the award

FAI Award for Outstanding Doctoral Research in Fertilizer Usage
Winner: Dr. Suresh Kumar Kakraliya, Department of Agronomy, CCSHAU, Hisar, Haryana, receiving the award

FAI Award on Excellence for the Best Research Work done in the field of Nitrogen Management
Winner: Dr. B.S. Dwivedi, Head, Division of Soil Science & Agril. Chemistry and Dr. V.K. Singh, Head, Division of Agronomy, ICAR-IARI, New Delhi, receiving the award

IZA-FAI Award on Promoting the Use of Zinc in Indian Agriculture
Winner: Dr. S.S. Dhalwal, Senior Soil Chemist, PAU, Ludhiana, receiving the award

IPNI-FAI Award for Best Research on Management and Balanced Use of Inputs in Achieving Maximum Yield
Winner: Dr. M.C. Manna, Dr. R.H. Wanjari, Dr. Muneshwar Singh, Dr. Ashok K. Patra, ICAR-IBIS, Bhopal and Dr. S.K. Chaudhari, ICAR, New Delhi
Dr. M.C. Manna, Principal Scientist & HOD, receiving the award
AWARD WINNERS

Best Article Awards-Rashtriya Chemicals and Fertilizers Limited Awards in Production and Technology
First Prize: Mr. A.K. Das, Mr. C.J. Shah, Mr. Prash Kumar & Mr. Darshan Shah, KIRIBCO, Surat
Mr. A.K. Das, General Manager (Production), receiving the award

Best Article Awards-Rashtriya Chemicals and Fertilizers Limited Awards in Production and Technology
Second Prize: Mr. E. Balu, Mr. E. Rajeshkumar & Mr. S. Ravichandran, SPIC, Tuticorin
Mr. S. Ravichandran, Sr. Manager (Safety & Env.), receiving the award

Best Article Awards-Shriram Awards in Marketing
First Prize: Mr. N.H. Kurane, Executive Director (Mktg.) and Mr. Sanjay Arora, Deputy General Manager (Mktg.) Rashtriya Chemicals & Fertilizers Limited, Mumbai, receiving the award

Best Article Awards-Shriram Awards in Marketing
Second Prize: Dr. Srikantha Mohare, Executive Vice President and Head-NPD and R&D, Smartchem Technologies Ltd., Pune, receiving the award
**AWARD WINNERS**

**Best Article Awards-Dhiru Morarji Memorial Award in Agricultural Sciences**
First Prize: Dr. A.S. Panwar, Dr. M. Shamim and Dr. N. Ravisankar, ICAR-IIFSR, Modipuram, Meerut
Dr. A.S. Panwar and Dr. N. Ravisankar receiving the award

Second Prize: Dr. Tarunendu Singh and Mr. Yogendra Kumar, IFFCO, New Delhi
Dr. Tarunendu Singh, Manager (Agri. Services), receiving the award

**Best Article Awards-Shriram Khad Patrika Award (Hindi)**
First Prize: Dr. Nitin N. Gudadhe, Dr. V.G. Bavalgave, Ms. Bhumika Tandel, Ms. Sejal Parmar and Dr. J.D. Thanki, N.M. College of Agriculture, Navsari Agricultural University, Navsari, Gujarat
Dr. Nitin N. Gudadhe, Assistant Professor (Agronomy), receiving the award

Second Prize: Dr. S.S. Rathore and Dr. Kapila Sekhawat, ICAR-IARI, New Delhi
Dr. S.S. Rathore, Principal Scientist (Agronomy), receiving the award
AWARD WINNERS

Mr. H.S. Bawa receiving the U.S. Awasthi IFFCO Award for Life Time Achievement in the field of Fertilizer Industry for the year 2017-18 for his outstanding contribution to the growth and development of fertilizer industry in India.

Dr. J. C. Katyal receiving the U.S. Awasthi IFFCO Award for Life Time Achievement in the Field of Agriculture Research and Development for the year 2017-18 for his outstanding work in advancement of agricultural sciences.

FAI Life Time Achievement Award 2018 presented to Mr. D. Ramakrishnan, Secretary & Treasurer, FAI, New Delhi.
APPENDIX VI

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 2017-18 September 2018
2. Fertiliser Statistics – 2017-18 November 2018
3. Specialty Fertiliser and Micronutrient Statistics –2017-18 November 2018
4. Biofertiliser Statistics –2017-18 November 2018
5. Pre-prints of FAI Seminar Papers – 2018 December 2018
6. The Fertiliser (Control) Order 1985 February 2019

REGIONAL 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

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## APPENDIX VII

### FAI ADVISORY/REGIONAL COMMITTEE MEETINGS 2018-19

<table>
<thead>
<tr>
<th>Advisory Committee</th>
<th>Chairman</th>
<th>No. of Meetings held</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Sciences</td>
<td>Mr. N. Sambasiva Rao, Managing Director, KRIBHCO, Noida</td>
<td>1</td>
</tr>
<tr>
<td>Environment</td>
<td>Mr. K. Prabhakar Rao, Director (Works), MCFL, Mangalore</td>
<td>1</td>
</tr>
<tr>
<td>Information and Communications</td>
<td>Mr. Satish Chander, Director General, FAI, New Delhi</td>
<td>1</td>
</tr>
<tr>
<td>Marketing</td>
<td>Mr. V.S. Sirohi, Marketing Director, KRIBHCO, Noida</td>
<td>2</td>
</tr>
<tr>
<td>Policy, Finance &amp; Taxation</td>
<td>Mr. Satish Chander, Director General, FAI, New Delhi</td>
<td>1</td>
</tr>
<tr>
<td>SSP</td>
<td>Mr. Shailesh Khaitan, Chairman and Managing Director, KCFL, Gurgaon</td>
<td>2</td>
</tr>
<tr>
<td>Technical</td>
<td>Mr. K.K. Kaul, Whole Time Director, DCM Shriram Ltd., New Delhi</td>
<td>1</td>
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</table>

### Regional Committees

<table>
<thead>
<tr>
<th>Region</th>
<th>Chairman</th>
<th>No. of Meetings held</th>
</tr>
</thead>
<tbody>
<tr>
<td>East</td>
<td>Mr. Sunil Sethy, Managing Director, PPL &amp; ZACL, Gurgaon</td>
<td>4</td>
</tr>
<tr>
<td>North</td>
<td>Mr. A.K. Jain, Vice Chairman &amp; CEO, KFCL, Noida</td>
<td>1</td>
</tr>
<tr>
<td>South</td>
<td>Mr. S. Narayanan, Director (Marketing), Greenstar Fertilizers Ltd., Chennai</td>
<td>4</td>
</tr>
<tr>
<td>West</td>
<td>Mr. U.V. Dhatrak, Chairman and Managing Director, RCFL, Mumbai</td>
<td>1</td>
</tr>
</tbody>
</table>

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APPENDIX VIII

ADVISORY COMMITTEES

1. Agricultural Sciences

Chairman
Mr. N. Sambasiva Rao
Managing Director
Krishak Bharati Cooperative Ltd.
‘KRIBHCO Bhawan’
A 8-10, Sector-1, 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.
‘KRIBHCO Bhawan’
A 8-10, Sector-1, 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. S.K. Bansal
Director
Potash Research Institute of India
Sector-19, Delhi-Gurgaon Road, Dundahera
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

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

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 Fertiliser Cooperative Ltd.
‘IFFCO Sadan’
C-1, District Centre
Saket Place, New Delhi - 110 017

Dr. Puneet Pachauri
Assistant General Manager (Agronomy)
Shriram Fertilisers and Chemicals
‘Kirti Mahal’, 19, Rajendra Place
New Delhi - 110 008

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
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. Arun P. Subramanian
Associate Vice President
(HSE, Fertilizer & SSP Business)
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, ‘Kanchanjunga 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, Fort
Mumbai - 400 001
Maharashtra

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. A.K. Sahni
General Manager (O&M)
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
District Vadodara, Gujarat

Mr. Ajay Kumar Gupta
Assistant General Manager (Quality)
Hindalco Industries Ltd.
(Unit : Birla Copper)
AT & P.O. Dahej - 392 130
District Bharuch, Gujarat

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

Mr. Sanjay G. Choudhary
Head-Haldia Plant
IRC Agrochemicals Private Ltd.
Haldia - 721 606, Midnapore (W)
West Bengal

Mr. Seshagiri Rao Kolli
Head (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. KRBHCO Nagar
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
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 Divn. & Scientist ‘G’
India Meteorological Department
Ministry of Earth Sciences
Room no.503, 5th Floor, Satmet Building
‘Mausam Bhawan’, Lodhi 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
Dist. Amethi, Uttar Pradesh
4. Marketing

Chairman

Mr. V. S. Sirohi
Marketing Director
Krishak Bharati Cooperative Ltd.
‘KRIBHCO Bhawan’
A 8-10, Sector-1
Noida - 201 301, Uttar Pradesh

Members

Mr. Y. K. Goel
General Manager (Marketing)
Chambal Fertilisers and Chemicals Ltd.
Corporate One’ 1st Floor, 5, Commercial Centre
Jasola, New Delhi - 110 025

Mr. V. K. Gupta
Vice President - Marketing
Coromandel International Ltd.
‘Coromandel House’, 1-2-10, Sardar Patel Road
Secunderabad - 500003
Telangana

Mr. Kalidas Pramanik
Executive Vice President - Marketing (Fert. & Organic)
Grasim Industries Ltd.
Unit - Indo Gulf Fertilisers
C-32, 4th Floor, ‘KRBL Building’
Institutional Area, Sector 62
Noida - 201 301, Uttar Pradesh

Mr. K. K. Shah
Officer on Special Duty
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 - 391 750
Vadodara, Gujarat
Mr. Gaurav Saktavat  
Head (Fertilizer 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. B.B. Singh  
Vice President (SCM & Corporate Affairs)  
IRC Agrochemicals Private Ltd.  
P.S. Srijan Tech Park, DN-52  
Unit No. A&B, 14th Floor  
Salt Lake, Sector V  
Kolkata - 700 091, West Bengal  

Mr. C. Narasimha Reddy  
Vice President & BU Head - Agriculture  
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.  
JJIT Campus  
Sector - 128, Noida - 201 304, Uttar Pradesh  

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

Mr. A.K. Tiwari  
General Manager (Sales)  
Mangalore Chemicals and Fertilizers Ltd.  
No.28, Union Street, Off Cubbon Road  
Bangalore 560 001  
Karnataka  

Mr. Ashwani Sondhi  
Director (Marketing)  
MMTC Ltd.  
‘SCOPE COMPLEX’, Core - I  
7, Institutional Area, Lodhi Road  
New Delhi - 110 003  

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

Mr. V.N. Datt  
Director (Marketing)  
National Fertilizers Ltd.  
A-11, Sector-24  
Noida - 201 301, Uttar Pradesh  

Mr. Harshdeep Singh  
Vice President (Sales & Marketing)  
Paradeep Phosphates Ltd.  
3rd Floor, 28 Union Street  
Off Cubbon Road  
Bangalore 560 001  
Karnataka  

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

Mr. K.U. Thankachen  
Director (Marketing)  
Rashtriya Chemicals & Fertilizers Ltd.  
‘Priyadarshini’  
Eastern Express Highway, Sion  
Mumbai - 400 022  
Maharashtra  

Mr. Sanjay Chhabra  
President and Business Head (SFS)  
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 DFPCCL)  
Sai Hira, Survey No. 93  
Mundhwa, Pune - 411 036  
Maharashtra  

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
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 Cooperative Ltd.
‘IFFCO Sadan’, District Centre
Saket Place, New Delhi - 110 017

Mr. Atul S. Chhabra
Head Taxation &
Deputy General Manager (F&A)
Indian Farmers Fertiliser Cooperative Ltd.
‘IFFCO Sadan’, Saket Place
New Delhi - 110 017

Mr. Rajan Chowdhary
Finance Director
Krishak Bharati Cooperative Ltd.
‘KRIBHCO Bhawan’
A 8-10, Sector-1, Noida - 201 301
Uttar Pradesh

Mr. Rajiv Chandiock
Director (Finance)
National Fertilizers Ltd.
A-11, Sector 24
Noida - 201301, Uttar Pradesh

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

Mr. Sanjiv Kanwar
Managing Director
Yara Fertilisers India Private Ltd.
502, Global Business Square
Plot No. 32, Sector 44, Institutional Area
Gurgaon - 122 002, Haryana

Mr. Ashok Kumar Gupta
Assistant Vice President (Prod. & TS)
Yara Fertilisers India Private Ltd.
Indira Dham, Babrala Industrial Area - 243 751
District Sambhal, Uttar Pradesh

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

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

Mr. B.B. Singh
Vice President (SCM & Corporate Affairs)
IRC Agrochemicals Private Ltd.
P.S. Srijan Tech Park, DN-52
Unit No. A&B, 14th Floor
Salt Lake, Sector V, Kolkata - 700 091
West Bengal

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

Ms. Jayashree Satagopan
Chief Financial Officer
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. Anand S. Krishnan
Assistant Vice President (Finance)
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. R.K. Gupta  
General Manager (F&A)  
Zuari Agro Chemicals Ltd.  
Tower-A, 5th Floor, Global Business Park  
M.G. Road, Sector 26  
Gurgaon - 122 022, Haryana

Mr. Sailesh Pati  
Chief Financial Officer  
Paradeep Phosphates Ltd.  
‘Bayan Bhawan’  
Pandit Jawaharlal Nehru Marg  
Bhubaneswar - 751 001, Odisha

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

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

Mr. P.C. Gupta  
Deputy General Manager (Finance)  
Brahmaputra Valley Fertilizer Corp. Ltd.  
Namrup, P.O. Parbatpur - 786 623  
District Dibrugarh, Assam

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

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

Mr. Umesh Dongre  
Director (Finance)  
Rashtriya Chemicals & Fertilizers Ltd.  
‘Priyadarshini’, Eastern Express Highway  
Sion, Mumbai - 400 022  
Maharashtra

Mr. S. Shivakumar  
Chief Manager (CF)  
Rashtriya Chemicals & Fertilizers Ltd.  
‘Priyadarshini’, Eastern Express Highway, Sion  
Mumbai - 400 022, Maharashtra

Mr. M.C. Bansal  
Chief Financial Officer  
Kribhco Fertilizers Ltd.  
‘KRIBHCO Bhawan’, A8-10, Sector-1  
Noida - 201 301, Uttar Pradesh

Mr. M.C. Grover  
Chief Manager (F&A)  
Kribhco Fertilizers Ltd.  
‘KRIBHCO Bhawan’  
A8-10, Sector-1, Noida - 201 301  
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 Ltd.  
Unit - Indo Gulf Fertilizers  
Jagdishpur Industrial Area – 227 817  
District Amethi, Uttar Pradesh

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

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

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

Mr. K.R. Anandan  
Chief Financial Officer  
Southern Petrochemical Industries Corpn. Ltd.  
‘SPIC House’, 88 Mount Road  
Guindy, Chennai – 600 032
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 Chambers’ 3rd Floor 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, Andhra Pradesh

Mr. A.K. Srivastava
General Manager
Chambal Fertilisers and Chemicals Ltd.
Corporate One, 1st Floor, 5 Commercial Centre
Jasola, New Delhi - 110 025

Arun Leslie George
Executive Vice President & Head of SSP Business
Coromandel International Ltd.
‘Coromandel House’
1-2-10, Sardar Patel Road
Secunderabad - 500003, Telangana

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

Mr. B.B. Singh
Vice President (SCM & Corporate Affairs)
IRC Agrochemicals Private Ltd.
P.S. Srijan Tech Park, DN-52
Unit No. A&B, 14th Floor
Salt Lake, Sector V, Kolkata - 700 091
West Bengal

Mr. C. Narasimha Reddy
Vice President & BU Head - Agriculture
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.
½, Old Palasia, Apollo Arcade, 3rd Floor
Indore - 452 001
Madhya Pradesh

Mr. B.P. Raval
Director
Narmada Agro Chemicals Pvt. Ltd.
19-26, Udhyognagar
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 - 380 009
Gujarat
7. Technical

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
Director (Production)
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. Fertilizernagar - 391 750
District Vadodara, Gujarat

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. 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. C.S. Prasad  
Chief General Manager (Manufacturing)  
IRC Agrochemicals Private Ltd.  
Haldia, Midnapore (W)  
West Bengal - 721 606

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

Mr. M.R. Sharma  
Operations Director  
Krishak Bharati Cooperative Ltd.  
Hazira Fertilizer Complex  
P.O. KIRIBHCO Nagar - 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  
Chairman & Managing Director  
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 (Urea Manufacturing)  
Nagarjuna Fertilizers & Chemicals Ltd.  
Nagarjuna Hills, Punagutta  
Hyderabad - 500 082  
Andhra Pradesh

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

Mr. Brij Deo Singh  
General Manager (Planning & MR)  
Projects & Development India Ltd.  
‘PDIL Bhawan’, A-14, Sector 1  
Noida - 201 301, Uttar Pradesh

Mr. Ranjit Singh Chugh  
Chief Operating Officer  
Paradeep Phosphates Ltd.  
P.O. PPL Township, Paradeep - 754 145  
District Jagatsinghpur, Odisha

Mr. S. D. Panadare  
Director (Technical)  
Rashtriya Chemicals & Fertilizers Ltd.  
‘Priyadarshini’  
Eastern Express Highway Sion  
Mumbai - 400 022, Maharashtra

Mr. Vijay Joshi  
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. Ajith Kumar T.P.  
General Manager (OP) CD  
The Fertilisers and Chemicals Travancore Ltd.  
Eloor, Udyogamandal  
Kochi-683501, 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. N.M. Kantak  
Chief Technical Officer  
Zuari Agro Chemicals Ltd.  
Jai Kisaan Bhawan  
Zuarinagar - 403 726, Goa

●●●●●●●●●●●
ACTIVE MEMBERS

1. Asian Fertilizers Limited
   P.W.D. Officers Colony
   Near Rastriya Sahara Press, Park Road
   Gorakhpur - 273 001
   Uttar Pradesh

2. BEC Fertilizers
   (Unit of Bhillai Engg. Corp.Ltd.)
   Sector A, Sirgetti Industrial Area, Sirgetti
   Bilaspur - 495 004
   Chattisgarh

3. Bharat Agri Fert. & Realty Limited
   Bharat Fertiliser House
   12, Nanabhai Lane, Fort
   Mumbai - 400 023
   Maharashtra

4. Brahmaputra Valley Fertilizer Corporation Limited
   Regd. Office Namrup
   P.O. Parbatpur
   District Dibrugarh - 786 623
   Assam

5. Chambal Fertilizers and Chemicals Limited
   Corporate One
   First Floor, 5, Commercial Center, Jasola
   New Delhi - 110 025

6. Coimbatore Pioneer Fertilizers Limited
   P.O.Muthugoundanpudur
   Via Sulur, District Coimbatore - 641 006
   Tamil Nadu

7. Coromandel International Limited
   1-2-10, Sardar Patel Road
   Post Box No. 1589
   Secunderabad 500 003
   Telangana

8. DCM Shriram Limited
   (Unit : Shriram Fertilisers & Chemicals)
   2nd floor (West Wing), World Mark I
   Aerocity, New Delhi - 110 037

9. Grasim Industries Limited
   (Unit : Indo Gulf Fertilisers)
   P.O. Jagdishpur Industrial Area
   District Amethi - 227 817
   Uttar Pradesh

10. Greenstar Fertilizers Limited
    SPIC House
    No. 88, Mount Road, Guindy
    Chennai - 600 032
    Tamil Nadu

11. Gujarat Narmada Valley Fertilizers & Chemicals Limited
    P.O. Narmada Nagar
    District Bharuch 392 015
    Gujarat

12. Gujarat State Fertilizers & Chemicals Limited
    P.O. Fertilizernagar
    District Vadodara - 391750
    Gujarat

13. Hindalco Industries Limited
    (Unit : Birla Copper)
    3rd Floor, Aries House
    Near Hotel Siddharth Palace, Old
    Padra Road
    Baroda - 390 015
    Gujarat

14. Indian Farmers Fertiliser Cooperative Limited
    IFFCO Sadan
    C-I, District Centre, Saket Place
    New Delhi - 110 017

15. Indian Potash Limited
    Potash Bhawan
    10-B, Rajendra Park, Pusa Road
    New Delhi - 110 060

16. IRC Agrochemicals Private Limited
    4th Floor, Emerald House
    1B, Old Post Office Street
    Kolkata - 700 001
    West Bengal

17. Jubilant Agri and Consumer Products Limited
    Plot No. 15, Knowledge Park - II
    Greater Noida - 201 306
    Uttar Pradesh

18. Kanpur Fertilizer and Cement Limited
    C/o Jaiprakash Associates Ltd.
    Jaypee Greens Wish Town
    Sector - 128
    Noida - 201 304
    Uttar Pradesh
<table>
<thead>
<tr>
<th>No.</th>
<th>Company Name</th>
<th>Address</th>
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</thead>
<tbody>
<tr>
<td>19</td>
<td>Khaitan Chemicals &amp; Fertilizers Limited</td>
<td>Apollo Arcade, 3rd Floor, 1/2, Old Palasia Opposite Palasia Police Station Indore - 452 018 Madhya Pradesh</td>
</tr>
<tr>
<td>20</td>
<td>Kothari Industrial Corporation Limited</td>
<td>Apollo Arcade, 3rd Floor, 1/2, Old Palasia Opposite Palasia Police Station Indore - 452 018 Madhya Pradesh</td>
</tr>
<tr>
<td>21</td>
<td>Kribhco Fertilizers Limited</td>
<td>4th Floor, Kribhco Bhawan A-10, Sector 1, District Gautam Budh Nagar Noida - 201 301 Uttar Pradesh</td>
</tr>
<tr>
<td>22</td>
<td>Krishak Bharati Cooperative Limited</td>
<td>A8-10, Sector-1 District Gautam Budh Nagar Noida - 201 301 Uttar Pradesh</td>
</tr>
<tr>
<td>23</td>
<td>Krishna Industrial Corporation Limited</td>
<td>Ramakrishna Building, 183, Mount Road Post Box No. 703 Chennai - 600 006 Tamil Nadu</td>
</tr>
<tr>
<td>24</td>
<td>Madras Fertilizers Limited</td>
<td>Manali Chennai - 600 068 Tamil Nadu</td>
</tr>
<tr>
<td>25</td>
<td>Mangalore Chemicals &amp; Fertilizers Limited</td>
<td>Level-11, UB Towers, UB City 24, Vittal Mallya Road Bangalore 560 001 Karnataka</td>
</tr>
<tr>
<td>26</td>
<td>Matrix Fertilisers and Chemicals Limited</td>
<td>Office No. 600, 6th Floor Martin Burn Business Park BP-3, Sector-V, Salt Lake Kolkata - 700 091 West Bengal</td>
</tr>
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<td>27</td>
<td>MMTC Limited</td>
<td>Scope Building, Core-1 7, Institutional Area, Lodhi Road New Delhi - 110 003</td>
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<td>28</td>
<td>Nagarjuna Fertilizers &amp; Chemicals Limited</td>
<td>Nagarjuna Hills Punagutta Hyderabad - 500 082 Telangana</td>
</tr>
<tr>
<td>29</td>
<td>National Fertilizers Limited</td>
<td>A-11, Sector-24 Distt. Gautam Budh Nagar Noida - 201 301 Uttar Pradesh</td>
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<tr>
<td>30</td>
<td>Pardeep Phosphates Limited</td>
<td>OSHWCS Building Pandit Jawahar Lal Nehru Marg Bubaneswar - 751 001 Orrisa</td>
</tr>
<tr>
<td>31</td>
<td>Rama Phosphates Limited</td>
<td>51-52, Free Press House Nariman Point, Mumbai - 400 021 Maharashtra</td>
</tr>
<tr>
<td>32</td>
<td>Ranadey Micronutrients (Pvt.) Limited</td>
<td>Shrikrisna Krishnakeval Nagar 1/A, Kondhwa Khurd Pune - 411 048 Maharashtra</td>
</tr>
<tr>
<td>33</td>
<td>Rashtriya Chemicals &amp; Fertilizers Limited</td>
<td>Priyadarshini Eastern Express Highway, Sion Mumbai - 400 022 Maharashtra</td>
</tr>
<tr>
<td>34</td>
<td>Smartchem Technologies Limited</td>
<td>(A fully owned subsidiary of DFPCL) Opposite Golf Course Jail Road Shastrri Nagar Yeravada Pune - 411 006 Maharashtra</td>
</tr>
<tr>
<td>35</td>
<td>Southern Petrochemical Industries Corporation Limited</td>
<td>SPIC House 88, Mount Road, Guindy Chennai - 600 032 Tamil Nadu</td>
</tr>
<tr>
<td>36</td>
<td>The Andhra Sugars Limited</td>
<td>Post Box No. 102 Venkataparapuram District West Godavari Tanuku - 534 215 Andhra Pradesh</td>
</tr>
<tr>
<td>37</td>
<td>The Dharamsi Morarji Chemical Co. Limited</td>
<td>Prospect Chambers 317/21, Dadabhoy Naoroji Road Mumbai - 400 001 Maharashtra</td>
</tr>
</tbody>
</table>
38  The Fertilisers and Chemicals Travancore Limited  
P.O. Udyogamandal  
Kochi  
Alwaye - 683 501  
Kerala  

39  The Jay Shree Chemicals & Fertilisers  
Industry House, 15th Floor  
10, Camac Street  
Kolkata - 700 017  
West Bengal  

40  The Phosphate Company Limited  
14, Netaji Subhas Road, 3rd Floor  
Kolkata - 700 001  
West Bengal  

41  The State Trading Corporation of India Limited  
Jawahar Vyapar Bhawan  
Tolstoy Marg  
New Delhi - 110 001  

42  Yara Fertilisers India Private Limited  
502, Global Business Square  
Plot No.32, Sector-44  
Gurgaon - 122 002  
Haryana  

43  Zuari Agro Chemicals Limited  
Jaikisaan Bhawan  
Zuarinagar - 403 726  
Goa  

ASSOCIATE MEMBERS  

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

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

3  Abdullah Haji Rahimtula & Sons Pvt. Limited  
DCM Building, 3rd Floor  
Flat No.-3E, 16, Barakhamba Road  
New Delhi - 110 001  

4  Adani Ports and Special Economic Zone Limited  
Adani Corporate House, Plot No.83  
Institutional Area, Sector - 32  
Gurgaon - 122 001  
Haryana  

5  Agrocel Industries Limited  
4th Floor, Doctor House  
Opposite G.K. General Hospital, Bhuj  
Kutch - 370 001, Gujarat  

6  Ameropa India Private Limited  
215 Atrium, C-620/621, Chakala  
Andheri Kurla Road, Andheri East  
Mumbai - 400 059  
Maharashtra  

7  Analyser Instrument Co. Pvt. Limited  
E-29 (A), Road No.2  
Indraprastha Industrial Area  
Kota - 324 005  
Rajasthan  

8  Andhra Pradesh State Co-operative Marketing Federation Limited  
5-2-68, 3rd Floor, Mahatma Gandhi Markfed Bhavan  
Jambagh  
Hyderabad - 500 052  
Telangana  

9  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  

10  Anya Polytech & Fertilizers Private Limited  
B-243, Sector-26 (Basement)  
Noida - 201 301  
Uttar Pradesh  

11  Arihant Fertiliser & Chemicals India Limited  
119, 1st Floor, Bansi Trade Centre  
585/5 M.G. Road, Dr.Roshan Singh Bhandari Marg  
Indore - 452 001  
Madhya Pradesh  

12  Armaco Chemical Process Systems Pvt. Limited  
A/6, Venus Nauroji Vakil Street,  
Nana Chowk, Grant Road (West)  
Mumbai - 400 007  
Maharashtra  

13  Avana Logistek Limited  
301 & 302, 3rd Floor, Plot No.16 & 17  
Commercial Complex, Okhla Phase - I  
New Delhi - 110 020  

14  Baltic Testing India Private Limited  
Hubtown Viva Building, Suite No. 313/314,  
3rd Floor, Shankarwadi, Western Express Highway  
Jogeshwari (East)  
Mumbai - 400 060, Maharashtra
<table>
<thead>
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<th>No.</th>
<th>Company Name</th>
<th>Address</th>
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</thead>
<tbody>
<tr>
<td>15</td>
<td>Basant Agro Tech (India) Limited</td>
<td>95-96, 9th Floor, ‘C’ Wing, Mittal Court, Jamnalal Bajaj Marg, Nariman Point, Mumbai - 400 021, Maharashtra</td>
</tr>
<tr>
<td>16</td>
<td>Bharat Agro Molecule Limited</td>
<td>E-34-36, Udyogpuram, Partapur, Meerut - 250 103, Uttar Pradesh</td>
</tr>
<tr>
<td>17</td>
<td>Bhaskar Fertilisers Limited</td>
<td>Door No. 18-1-343, Venugopal Nagar, Opposite R.T.C. Bus Stand, Anantapur - 515 005, Andhra Pradesh</td>
</tr>
<tr>
<td>18</td>
<td>Bohra Industries Limited</td>
<td>301, Anand Plaza, University Road, Udaipur - 313 001, Rajasthan</td>
</tr>
<tr>
<td>19</td>
<td>Borochemie (India) Pvt. Limited</td>
<td>40-44A, Dheeraj Heritage, 4th Floor, S.V. Road, Santacruz (West), Mumbai - 400 054, Maharashtra</td>
</tr>
<tr>
<td>20</td>
<td>CFI Technologies Private Limited</td>
<td>AC Market, 9th Floor, 1, Shakespeare Sarani, Kolkata - 700 071, West Bengal</td>
</tr>
<tr>
<td>21</td>
<td>Chembond Water Technologies Limited</td>
<td>Chembond Centre, EL-71, Mahape MIDC, Navi Mumbai - 400 705, Maharashtra</td>
</tr>
<tr>
<td>22</td>
<td>Chemtech Fertilisers Pvt. Limited</td>
<td># 303, Siri Estate, Nagarjuna Nagar Colony, Hyderabad - 500 073, Telangana</td>
</tr>
<tr>
<td>23</td>
<td>Compo Expert India Private Limited</td>
<td>Tower - II, 108, World Trade Center, Kharadi, Pune - 411 014, Maharashta</td>
</tr>
<tr>
<td>24</td>
<td>Coromandel SQM (India) Private Limited</td>
<td>Coromandel House, 1-2-10, Sardar Patel Road, Secunderabad - 500 003, Telangana</td>
</tr>
<tr>
<td>25</td>
<td>Cotecna Inspection India Private Limited</td>
<td>(The Summit - Business Bay), Office No.213, 214 &amp; 215, Behind Guru Nanak Petrol Pump, Opposite Cinemax, Off. Andheri - Kurla Road, Prakashwadi Andheri (East), Mumbai - 400 069, Maharashtra</td>
</tr>
<tr>
<td>26</td>
<td>Crop Life Science Limited</td>
<td>Plot No.5165 GIDC Estate, Near 66 KV Sub Station, Ankleshwar - 393 002, Gujarat</td>
</tr>
<tr>
<td>27</td>
<td>Crop Nutri Solutions (India) Private Limited</td>
<td>Flat No.: 2A, M.S. Nilayam, Plot No.15 HACP Colony, Kharkhana Secunderabad - 500 009, Telangana</td>
</tr>
<tr>
<td>28</td>
<td>Dayal Fertilizers (P) Limited</td>
<td>Delhi Road, Partapur, Meerut - 250 013, Uttar Pradesh</td>
</tr>
<tr>
<td>29</td>
<td>Devdhar Chemicals Pvt. Limited</td>
<td>5th Floor, Guardian Square Building, CTS No.8/20, Plot No.6/20 Erandwane, Shankarrao Joshi Road (Hotel Nisarg Lane), Near Nal Stop, Pune - 411 004, Maharashtra</td>
</tr>
<tr>
<td>31</td>
<td>Dhanuka Agritech Limited</td>
<td>14th Floor, Building 5A, Cyber City, DLF Phase III Gurgaon - 122 002, Haryana</td>
</tr>
<tr>
<td>32</td>
<td>Diamond Shipbrokers Private Limited</td>
<td>C-318/319, 215 Atrium Andheri Kurla Road Andheri (East), Mumbai 400 059, Maharashtra</td>
</tr>
<tr>
<td>33</td>
<td>Dreymoor Fertilizers Overseas Pte. Limited</td>
<td>403, Suncity Business Tower, Golf Course Road, Sector - 54 Gurgaon - 122 002, Haryana</td>
</tr>
</tbody>
</table>
34 Ebara Machinery India Private Limited
902, Bhumiraj Costarica, Sector - 18
Palm Beach Road, Sanpada
Navi Mumbai
Maharashtra - 400 705

35 Eminence Shipping Agencies Private Limited
Flat - 4D, 4th Floor, Embassy Building
4, Shakespeare Sarani, Kolkata - 700 071
West Bengal

36 FCI Aravali Gypsum & Minerals India Limited
Mangu Singh Rajvi Marg
Paota ‘B’ Road
Jodhpur - 342 010
Rajasthan

37 Fertilis India Private Limited
Plot No.73, SMR House, 3rd Floor
Nagarjuna Hills, Panjagutra
Hyderabad - 500 082
Telangana

38 Frost International Limited
Aria Tower, 3rd Floor, Commercial Block
JW Marriott Hotel, Aerocity, Asset Area - 4
Hospitality District
New Delhi - 110 037

39 GDS Chemicals & Fertilizers Pvt. Limited
Aska Road, Near Sarguna Street
Berhampur, District Ganjam - 760 006
Odisha

40 Gemini Fertilizers
Kothari Building
114, Mahathma Gandhi Salai, Nungambakkam
Chennai - 600 034
Tamil Nadu

41 Geolife Agritech India Pvt. Limited
301, Marathon Max, LBS, Marg
Opposite Nirmal Lifestyle, Mulund West
Nagpur 440 018
Maharashtra

42 Growell Resources & Management Pvt. Limited
Bharat Insurance Building, 2nd Floor
15-A, Horniman Circle Fort
Mumbai - 400 001
Maharashtra

43 Gujarat Agro Industries Corporation Limited
Agro Service Division
Khet Bhavan, Opposite Old High Court
Navrangpura
Ahmedabad - 380 014
Gujarat

44 Gujarat State Cooperative Marketing Federation Limited
N.P. Patel Sahkar Bhavan
49, Shrimali SO. Opposite Navrangpura Police Station
Navrangpura
Ahmedabad - 380 009
Gujarat

45 Haldor Topsoe India Pvt. Limited
Vatika Mindscapes, Tower A, 3rd Floor
12/3, Mathura Road (NH-2), Sector - 27
Faridabad - 121 003, Haryana

46 Harshadray Private Limited
610, Ansal Bhawan, 6th Floor
16, Kasturba Gandhi Marg
New Delhi - 110 001

47 Haryana State Cooperative Supply and Marketing Federation Limited
Hafed Complex
Sector - 5, Panchkula - 134 114
Haryana

48 HCM Agro Products Private Limited
RR-29, 1st Floor, Miyan Wali Nagar
Paschim Vihar
New Delhi - 110 087

49 Heavy Water Board
Department of Atomic Energy,
Vikram Sarabhai Bhawan, 5th Floor, Anushaktinagar
Mumbai - 400 094
Maharashtra

50 HIL (India) Limited
Scope Complex, 2nd Floor, Core-6
7, Lodi Road
New Delhi - 110 003

51 Hindustan Urvarak & Rasayan Limited
Core - I, 4th Floor, Scope Minar
Laxmi Nagar, Delhi - 110 092

52 Hindustan Zinc Limited
Yashad Bhawan
Udaipur - 313 004, Rajasthan

53 HPM Chemicals and Fertilizers Limited
209-210, Anupam Bhawan
Near Aakash Cinema, Azadpur
Delhi - 110 033

54 ICL Fertilizers (India) Pvt. Limited
306, Tower A, Millennium Plaza
Sector 27, Gurgaon - 122 002
Haryana
55 IFFCO-TOKIO General Insurance Co. Limited
IFFCO Tower, 4th & 5th Floor
Plot No.3, Sector-29
Gurgaon - 122 001
Haryana

56 IL & FS Environmental Infrastructure and Services Limited
4th Floor, Dr. Gopaldas Bhavan
28, Barakhamba Road, Connaught Place
New Delhi - 110 001

57 Indian Agrochem Industries Pvt. Limited
Plot No. B-13, MIDC
Badlapur (E)
Dist. Thane 421 503
Maharashtra

58 Indian Phosphate Limited
F-234, 1E, Mewar Industrial Area
Madri
Udaipur - 313 003
Rajasthan

59 Indra Industries Limited
406, Airen Heights, Opposite Orbit Mall
Behind Pakiza Showroom
Indore - 452 010
Madhya Pradesh

60 Inspectorate Griffith India Pvt. Limited
3rd Floor, Vasundhara Building
2/7, Sarat Bose Road
Kolkata 700 020
West Bengal

61 Intertek India Private Limited
F Wing, 1st Floor, Tex Center
Chandivali Farm Road
Chandivali, Andheri (E)
Mumbai - 400 072
Maharashtra

62 Ion Exchange India Limited
Ion House
Dr. E. Moses Road, Mahalaxmi
Mumbai - 400 011
Maharashtra

63 ISGEC Heavy Engineering Limited
Yamunanagar - 135 001
Haryana

64 J.B. Boda Insurance Surveyors and Loss Assessors Pvt. Limited
603, Ansal Chamber-II
Bhikaji Cama Place
New Delhi - 110 066

65 J. J. Consultants Pvt. Limited
D-263, Defence Colony
New Delhi - 110 024

66 J.M. Baxi & Co.
1006, 10th Floor, Mohandev Building
13, Tolstoy Marg
New Delhi - 110 001

67 Jaishil Sulphur and Chemical Industries
B Wing, 202/203 Pratik Industrial Estate
Bhandup Goregaon Link Road
Near Fortis Hospital
Bhandup (W)
Mumbai - 400 078
Maharashtra

68 Johnson Matthey Catalysts
11th Floor, C Block, Building No.8
DLF Cyber City, DLF Phase II
Gurgaon - 122 002
Haryana

69 Jyoti Consultants
B-79, Defence Colony
Bhisham Pitamaha Marg
New Delhi - 110 024

70 K.C. Sharma & Co.
16-Advance Appartment, Plot No.-134
Ward 12-C, Lilashah Nagar, Gandhidham
Kutch - 370 201
Gujarat

71 K.P.R. Agrochem Limited
8-256, Tata Nagar
Balabhadrapuram
District East Godavari - 533 343
Andhra Pradesh

72 K+S Fertilizers (India) Pvt. Limited
Office No.101, 1st Floor
MARVEL ALAINA, Lane No.5, Koregaon Park
Pune 411 001
Maharashtra

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

74 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
75 Karneet Enterprises (India) Pvt. Limited  
# 44/3, Fair Field Layout  
Race Course Road  
Bangalore - 560 001  
Karnataka

76 Kayavlon Impex Pvt. Limited  
2nd Floor, Vishwakarma Chambers  
Majura Gate, Ring Road  
Surat - 395 002  
Gujarat

77 KBR Engineering & Construction India Pvt. Limited  
16th Floor, Tower A, Building No. 5  
DLF Cyber Terraces  
DLF Phase III  
Gurgaon - 122 002  
Haryana

78 Key-Tech Engineering Company  
301/302, Rajkailash, Plot No.-5B  
V.P. Road, Andheri (West)  
Mumbai - 400 058  
Maharashtra

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

80 Khandelwal Distributors Pvt. Limited  
More Kothi, Gangapur  
Shyamganj  
Bareilly - 243 005  
Uttar Pradesh

81 Kohinoor Manure Factory  
Triveni Sugar Mill Road  
Sheikhpura, Khatauli  
District Muzaffarnagar - 251 201  
Uttar Pradesh

82 Koppern Maco Services Pvt. Limited  
6C, Sukhsagar  
2/5, Sarat Bose Road  
Kolkata - 700 020  
West Bengal

83 Krishna Phoschem Limited  
5-O-2, Basement Office  
R.C. Vyas Colony  
Bhilwara - 311 001  
Rajasthan

84 Larsen & Toubro Limited  
Heavy Engineering Division  
32, Shivaji Marg  
New Delhi - 110 015

85 Leon Inspection & Testing India Private Limited  
No.4, 3rd Floor, 5th Cross Street  
Dr.Radha Krishnan Salai, Mylapore  
Chennai, Tamil Nadu - 600 004

86 Linde Engineering India Private Limited  
Linde House  
Opposite VUDA Office, VIP Road, Karelibaug, Vadodara - 390 018  
Gujarat

87 Madhya Bharat Agro Products Limited  
5-0-1, Basement Office  
R.C. Vyas Colony  
Bhilwara - 311 001  
Rajasthan

88 Maharashtra State Cooperative Marketing Federation Ltd.  
Kanmoor House  
P.B. No. 5080, Narsi Natha Street  
Mumbai 400 009  
Maharashtra

89 Manoir Petro India Limited  
B-602, Universal Business Park  
Chandivali Farm Road  
Saki Vihar Road, Andheri (E)  
Mumbai - 400 072  
Maharashtra

90 Manshya Marketing Pvt. Limited  
S.No. 49, Part Rajkumar Lodha Industrial Estate  
Vrindavan Nagar Lane No.3, Near Shatrunjay Mandir  
Gokul Nagar, Katraj, Kondhwa Road, Kondhwa BDK  
Pune - 411 048, Maharashtra

91 Marubeni India Private Limited  
5th Floor, Lotus Towers  
Community Centre, New Friends Colony  
New Delhi - 110 025

92 MECS India Private Limited  
81, 82, 83, 8th Floor, 2nd North Avenue  
Maker Maxity, Bandra-Kurla Complex, Bandra (East)  
Mumbai - 400 051  
Maharashtra

93 Midgulf Services India Pvt. Limited  
12th Floor, Pinnacle Mall, Plot No.3  
Sector - 10, District Center Dwarka  
New Delhi - 110 075

94 Mitra S.K. Private Limited  
Shrachi Centre (5th Floor)  
74B, AJC Bose Road  
Kolkata - 700 016, West Bengal
95 Mitsubishi Corporation India Pvt. Ltd.
Birla Tower, 5th Floor
25, Barakhamba Road
New Delhi - 110 001

96 Morgan Industries Limited
109, Mahathma Gandhi Road
Nungambakkam
Chennai - 600 034
Tamil Nadu

97 Mosaic India Private Limited
11th Floor, Building 8C,
DLF Cyber City, Phase II
Gurgaon - 122 002
Haryana

98 Multiplex Bio-Tech Private Limited
No.180, 1st Main Road
Mahalakshmi Layout
Bangalore - 560 086
Karnataka

99 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

100 Naq Global Private Limited
Plot No 36,37, 5th Floor, SDC Vinay 1
Moji Colony, Calgary Marg, Malviya Nagar
Jaipur - 302 017
Rajasthan

101 Narmada Agro Chemicals Pvt. Limited
19-26, Udyognagar
Shardagram Road
District Junagarh
Mangrol - 362 225
Gujarat

102 Narmada Bio-chem Limited
Narmada House
Plot No.252, TP No. 50, Near Sun Builders
Sindhu Bhavan Road, Bodakdev
Ahmedabad - 380 054
Gujarat

103 Narmada Phosphate Limited
A-33, Priyadarshini Nagar
(Just beside the street of Quality Restaurent)
Vyapar Vihar, Road
Bilaspur - 495 001
Chattisgarh

104 National Cooperative Development Corporation
4, Siri Institutional Area
Opposite Siri Fort, Hauz Khas
New Delhi - 110 016

H-337 (D), Road No.17
V.K.I. Area
Jaipur - 302 013
Rajasthan

106 Nextnode Bioscience Private Limited
607, Abhisheer Avenue
Opposite Hanumanji Temple, Nehrunagar
Ambawadi
Ahmedabad - 380 015
Gujarat

107 Nico Orgo Manures
Opposite Railway Station
Dakor - 388 225
Gujarat

108 Nirma Limited
Nirma House
Ashram Road, Near I.T.O.
Ahmedabad - 380 009
Gujarat

109 OJSC Belarusian Potash Company
504, Suncity Business Tower
Golf Course Road, Sector - 54
Gurgaon - 122 002
Haryana

110 Orex Minerals Limited
2/20/1, Azad Hind Nagar
Haldia - 721 607, West Bengal

111 Ostwal Phoschem (India) Limited
5-O-1, R.C. Vyas Colony
Bhilwara - 311 001, Rajasthan

112 Outokumpu India Private Limited
1104 - 1107, Ansal Tower
38, Nehru Place
New Delhi - 110 019

113 Oxbow Energy Solutions BV
India Liaison Office, 307, Block-4
Hiranandani Meadows, Off Pokharan Road No.2
Thane - 400 607
Maharashtra

114 P.I. Industries Limited
5th Floor, Vipul Square,
B-Block, Sushant Lok, Phase - 1
Gurgaon - 122 009, Haryana
<table>
<thead>
<tr>
<th>No.</th>
<th>Company Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>Peregrine Phosphate (P) Limited</td>
<td>No.312, B Wing, 3rd Floor, Mittal Tower, No.6, M.G. Road, Bangalore - 560 001, Karnataka</td>
</tr>
<tr>
<td>116</td>
<td>Poorti Agri Services Pvt. Limited</td>
<td>3rd Floor, Nishuvi Building, Dr.A.B. Road, Worli, Mumbai - 400 018, Maharashtra</td>
</tr>
<tr>
<td>117</td>
<td>Prima Equipment</td>
<td>21, 3rd Floor, Lohana Building, Raopura, Vadodara - 390 001, Gujarat</td>
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<tr>
<td>118</td>
<td>Priva Life Sciences Private Limited</td>
<td>Priva House, A-71, TTC Industrial Area, Thane Belapur Road, Kapor Khairane, Navi Mumbai - 400 709, Maharashtra</td>
</tr>
<tr>
<td>119</td>
<td>Progressive Fertichem (P) Limited</td>
<td>Nizarapar, Jagi Road, District Morigao - 782 410, Assam</td>
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<tr>
<td>120</td>
<td>Projects &amp; Development India Limited</td>
<td>P.O. Box No.125, A-14, Sector-1, Noida - 201 301, Uttar Pradesh</td>
</tr>
<tr>
<td>121</td>
<td>R.M. Phosphates &amp; Chemicals Pvt. Limited</td>
<td>T-3/1, Bhabhle Phata, Phase II, MIDC Nardona, District Dhule - 424 309, Maharashtra</td>
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<tr>
<td>122</td>
<td>Raindia Chemicals Private Limited</td>
<td>Regus, Office No.401 A, 4th Floor, ABW Building, Saket Commercial Complex-D4, Behind Saket Select City Mall, Saket, New Delhi - 110 017</td>
</tr>
<tr>
<td>123</td>
<td>Rajasthan State Mines &amp; Minerals Limited</td>
<td>4, Meera Marg, Udaipur - 313 001, Rajasthan</td>
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<tr>
<td>124</td>
<td>Rajeev Khanna Consulting Inc.</td>
<td>E-4, Qutab Hotel Complex, Shaheed Jeet Singh Marg, New Delhi - 110 016</td>
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<tr>
<td>125</td>
<td>Rallis India Limited</td>
<td>156/157 Nariman Bhavan, 15th Floor, 227, Nariman Point, Mumbai - 400 021, Maharashtra</td>
</tr>
<tr>
<td>126</td>
<td>ReAgro International</td>
<td>404, Star Tower, Sector 30, Silokhera, Gurgaon - 122 001, Haryana</td>
</tr>
<tr>
<td>127</td>
<td>Reliance Industries Limited</td>
<td>Industrial Marketing, Building 5-C, 2nd Floor, Reliance Corporate Park, Thane-Belapur Road, Navi Mumbai - 400 709, Maharashtra</td>
</tr>
<tr>
<td>128</td>
<td>Rhodia Speciality Chemicals India Limited</td>
<td>Phoenix House, A-Wing, 4th Floor, 462, Lower Parel (W), Mumbai - 400 013, Maharashtra</td>
</tr>
<tr>
<td>129</td>
<td>Rio Tinto India Pvt. Limited</td>
<td>21st Floor, Tower A, Building No.5, Cyber Terrace, DLF Cyber City, DLF Phase III, Gurgaon - 122 002, Haryana</td>
</tr>
<tr>
<td>130</td>
<td>Rishi Shipping</td>
<td>Rishi House, Plot No. 113-116, Ward - 6, Industrial Area, Gandhidham, Kutch - 370 201, Gujarat</td>
</tr>
<tr>
<td>131</td>
<td>Roshni Crop Sciences Private Limited</td>
<td>#201, Sai Raja Nivas, Krishnapuram, Road No.10, Banjara Hills, Hyderabad - 500 034, Telangana</td>
</tr>
<tr>
<td>132</td>
<td>S.L.Dev &amp; Co.</td>
<td>75, Link Road, Suite No.102, Lajpat Nagar III, New Delhi - 110 024</td>
</tr>
<tr>
<td>133</td>
<td>Sabic India Pvt. Limited</td>
<td>10th Floor, Ambience Corporate Towers II, Ambience Island, Gurgaon - 122 001, Haryana</td>
</tr>
<tr>
<td>134</td>
<td>Sai Fertilizers Private Limited</td>
<td>21, Princep Street, Kolkata - 700 071, West Bengal</td>
</tr>
<tr>
<td>No.</td>
<td>Company Name</td>
<td>Address</td>
</tr>
<tr>
<td>------</td>
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</tr>
<tr>
<td>135</td>
<td>Saipem India Projects Private Limited</td>
<td>4, Yarlagadda Towers, 4th Lane Off Nungambakkam High Road, Chennai - 600 034, Tamil Nadu</td>
</tr>
<tr>
<td>136</td>
<td>Samsung C&amp;T Corporation India Private Limited</td>
<td>602B, Konnectus Building, Tower - 2, 6th Floor, Bhavbhuti Marg, Near Minto Road, Connaught Place, New Delhi - 110 002</td>
</tr>
<tr>
<td>137</td>
<td>Sarat Chatterjee &amp; Co. (Visakhapatnam) Pvt. Limited</td>
<td>Shop No.10, Noble House, Hotel Meridien, Janpath, New Delhi - 110 001</td>
</tr>
<tr>
<td>138</td>
<td>Scientific Agriculture Laboratory Private Limited</td>
<td>3/196, Natham Main Road, Manthikulam Villakkku, Karuvarum Post, Madurai - 625 014, Tamil Nadu</td>
</tr>
<tr>
<td>139</td>
<td>Seatrans Marine Private Limited</td>
<td>ABIR KUNJ, 2nd Floor, 158, Rajdanga Naba Pally, (Besides HDFC Bank), Kolkata - 700 107, West Bengal</td>
</tr>
<tr>
<td>140</td>
<td>Shail Info</td>
<td>B-053, Oakwood Estate, DLF City, Phase-II, Gurgaon - 122 002, Haryana</td>
</tr>
<tr>
<td>141</td>
<td>Shiva Global Agro Industries Limited</td>
<td>Near State Bank of India, New Mondha, Nanded - 431 602, Maharashtra</td>
</tr>
<tr>
<td>142</td>
<td>Shree Pushkar Chemicals and Fertilisers Limited</td>
<td>404, Picasso Plaza, above Jyoti Restaurant, Kondhawa Khurd, Pune - 411 048, Maharashtra</td>
</tr>
<tr>
<td>143</td>
<td>Shri Ram Solvent Extractions Private Limited</td>
<td>Kashipur Road, Jasipur, District Udham Singh Nagar - 244 712, Uttarakhand</td>
</tr>
<tr>
<td>144</td>
<td>Silverline Fertilisers Pvt. Limited</td>
<td>No.12, Arunachala Apartment, M.G. Road, Shastri Nagar, Thiruvanmiyur, Chennai - 600 041, Tamil Nadu</td>
</tr>
<tr>
<td>145</td>
<td>Sim Infosystems Private Limited</td>
<td>No.11, 1st Cross Street, Nehru Nagar, Kottivakkam, Chennai - 600 041, Tamil Nadu</td>
</tr>
<tr>
<td>146</td>
<td>Sree Ramicdes Chemicals Pvt. Limited</td>
<td>No. 47 &amp; 49, Bazulla Road, 7th Floor, VBC Solitaire, T. Nagar, Chennai - 600 017, Tamil Nadu</td>
</tr>
<tr>
<td>147</td>
<td>Sriganesh Fertilizers &amp; Chemicals Pvt. Limited</td>
<td>Swastik Bhawan, 2nd Floor, 9/1, Manorama Ganj, A.B. Road, Indore 452 001, Madhya Pradesh</td>
</tr>
<tr>
<td>148</td>
<td>Subhashri Bio Energies Private Limited</td>
<td>67, Goundampalayam (Village), Kumaramangalam Post, Tiruchengodu, District Namakkal - 637 205, Tamil Nadu</td>
</tr>
<tr>
<td>149</td>
<td>Sud-Chemie India Pvt. Limited</td>
<td>401/402 - Office Block, DLF Place, Plot : A-4, District Centre, Saket, New Delhi - 110 017</td>
</tr>
<tr>
<td>150</td>
<td>Sulphur Mills Limited</td>
<td>604/605, 349-Business Point, 6th Floor, Western Express Highway, Andheri (E), Mumbai - 400 069, Maharashtra</td>
</tr>
<tr>
<td>151</td>
<td>Sun International Pvt. Limited</td>
<td>7th Floor, Le Meridien Commercial Tower, Raisina Road, New Delhi - 110 001</td>
</tr>
<tr>
<td>152</td>
<td>Sunland Projects Private Limited</td>
<td>124-A, Motilal Nehru Road, 1st Floor, Kolkata - 700 029, West Bengal</td>
</tr>
<tr>
<td>153</td>
<td>Swal Corporation</td>
<td>Jayant Villa, Uniphos House, Madhu Park, CD Marg, 11th Road, Khar (West), Mumbai - 400 052, Maharashtra</td>
</tr>
</tbody>
</table>
155  **Technip India Limited**  
Technip Centre  
No.19, Velachery Main Road, Guindy  
Chennai - 600 032  
Tamil Nadu

156  **Technology Development Board**  
Wing - A, Ground Floor, Vishwakarma Bhawan  
Shaheed Jit Singh Marg  
New Delhi - 110 016

157  **Tecnimont Private Limited**  
Building No.-2, Plot No.504  
Chincholi Bunder, Link Road, Malad (W)  
Mumbai - 400 064  
Maharashtra

158  **Teesta Agro Industries Limited**  
P.O. Rajiganj  
Distt. Jalpaiguri  
Jalpaiguri - 735 134  
West Bengal

159  **Tessenderlo Kerley India Private Limited**  
A-303, Park View City - 1  
Sector - 48, Sohna Road  
Gurgaon - 122 018  
Haryana

160  **The Karnata State Co-operative Marketing Federation Limited**  
No.-8, Cunningham Road  
Post Box No. 130, Bangalore - 560 001  
Karnataka

161  **The Kerala State Co-operative Rubber Marketing Federation Limited**  
P.B. No.15, Gandhi Nagar  
Kochi - 682 020, Kerala

162  **The Madhya Pradesh State Cooperative Marketing Federation Limited**  
P.O. Jehangirabad  
Bhopal - 462 008  
Madhya Pradesh

163  **The Maharashtra Agro-Industries Development Corporation Limited**  
Rajan House, 3rd Floor  
Near Centur Bazar, Prabha Devi  
Mumbai - 400 025  
Maharashtra

164  **The Vidarbha Cooperative Marketing Society Limited**  
Industrial Area,  
Model Mill Road, Ganeshpeth  
Nagpur - 440 018, Maharashtra

165  **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

166  **Therapeutics Chemical Research Corporation**  
2nd and 3rd Floor, Shiv Industrial Estate  
K V Balmukund Marg, Chinchpokli (E)  
Mumbai - 400 012  
Maharashtra

167  **ThyssenKrupp Industrial Solutions (India) Private Limited**  
Uhde House, Lal Bahadur Shastri Marg  
Vikholi (W)  
Mumbai - 400 083  
Maharashtra

168  **Toyo Engineering India Private Limited**  
214, Splendor Forum, Jasola District Centre  
Near Apollo Hospital  
New Delhi - 110 044

169  **Tradex India Corporation Pvt. Limited**  
C-15, Qutab Institutional Area  
New Delhi - 110 016

170  **Trammo India Pvt. Limited**  
Commodities Division  
Unit No.O-503 A, 5th Floor, Salcon Rasvilas  
D-1, District, Centre Saket  
New Delhi - 110 017

171  **Transworld Furtichem Private Limited**  
Office No.1802, The Affairs  
Sector - 17, Plot No. 09, Sanpada  
Navi Mumbai - 400 705  
Maharashtra

172  **Trimex Industries Limited**  
Trimex Tower, No.1, Subbaraya Avenue  
C.P. Ramaswamy Road, Alwarpet  
Chennai - 600 018  
Tamil Nadu

173  **Tubacex Service Solutions India Private Limited**  
402 A, Platina, G-Block  
Bandra Kurla Complex, Bandra (East)  
Mumbai - 400 051  
Maharashtra

174  **Universal Industries**  
B-8, Industrial Estate  
Bazpur Road  
Kashipur - 244 713  
Uttarakhand
OVERSEAS ASSOCIATE MEMBERS

1. Agrifields DMCC
   705, JBC5, Jumeirah Lake Towers
   PO Box 111225
   Dubai, UAE

2. Agripower Australia Limited
   Level 13, 20 Bridge Street
   Sydney NSW 2000, Australia

3. Aries Fertilizers Group Pte Ltd.
   #10-10, 6 Shenton Way
   DBS Building Tower Two
   Singapore 068809

   38, Beach Road, Phalaborwa
   1390, Transval, # 17-13, South Beach Tower
   Singapore 189767

5. Cnampgc Holding Limited Corporation
   13F, Entrance C, Global Finance & News Center
   No.1, Xuawumen Wai Avenue, Xicheng District
   Beijing 100052, China

6. CRU International Ltd.
   CRU, Chancery House
   53-64, Chancery Lane
   London WC2A 1QS
   United Kingdom

7. Foskor Ltd.
   P.O. Box 1
   Phalaborwa 1390, Transval
   Republic of South Africa

8. Haldor Topse A/S
   Jes Nikolaj Knudsen
   Nymollevej 55, DK-2800 KGS
   Lyngby, Denmark

9. ICIS
   Quadrant House
   The Quadrant, Sutton
   Surrey, 5M2 5A5
   United Kingdom

10. ICL Fertilizers
    Potash House P.O.B. 75
    Beer-Sheva, 84100, Isreal

11. Indo Jordan Chemicals Co. Ltd.
    P.O. Box 17028
    Amman 11195, Al Rabia
    Al Rabia, Hashemite
    Kingdom of Jordan
12 **Jordan Phosphate Mines Co. S.A.**  
P.O. Box No.30  
Amman  
Jordan

13 **JSC NIIK**  
Russia, Nizhny Novgorod region  
Griboedov Street, 31, 606008  
Dzerzhinok 606008  
Russia

14 **Kalyaan Resources DMCC**  
P.O. Box No.392089  
Platinum Tower, 1407, Jumeirah Lake Towers  
Dubai, U.A.E.

15 **Kisan International Trading FZE**  
Emaar Business Park # 2  
Office EMO 562, Jebel Ali, P.O. Box 261835  
Dubai, UAE

16 **Koch Fertilizer Asia Pvt. Ltd.**  
260 Orchard Road  
# 11, The Heeren  
Singapore 238855

17 **Ma’aden Phosphates Company**  
P.O. Box 11110, Al-Jubail-31961  
Kingdom of Saudi Arabia

18 **OCP S.A.**  
Direction Commerciale,  
Angle Route d E1 Jadida et Boulevard  
Dela Grande  
Ceinture  
Casablanca, Morocco

19 **Oman India Fertiliser Company S.A.O.C.**  
P.O. Box No. 67, PC-411  
Sur, Sultanate of Oman

20 **Qatar Fertiliser Co. (SAQ)**  
P.O. Box 50001  
Umm Said-Qatar  
Arabian Gulf

21 **Quantum Fertilisers Ltd.**  
2302A, Great Eagle Centre  
23, Harbour Road  
Wanchai, Hong Kong

22 **Ruways Fertilisers Industries (FERTIL)**  
Takreer Tower, ADNOC Group of Campanies Complex, Shaik Khalifa Energy Complex  
Corniche Road, P.O. Box 2288  
Abu Dhabi, UAE

23 **Saf Sulphur Factory**  
P.O. Box 70482  
Riyadh - 11567  
Kingdom of Saudi Arabia

24 **Saudi Arabian Mining Company “Ma’aden”**  
P.O. Box 68861  
Riyadh 11537  
Kingdom of Saudi Arabia

25 **Stamicarbon B.V.**  
Mercator 3, 6135 KW Sittard  
P.O. Box 53  
6160, AB Geleen  
The Netherlands

26 **The Arab Potash Company Ltd.**  
P.O. Box 1470  
Amman 11118, Jordan

27 **UreaKnowHow.com**  
Cannerweg 123  
6213 BA Maastricht  
The Netherlands

**Active Members**

1. M/s. Yara Fertilisers India Private Limited, Gurgaon (w.e.f. 1.4.2018)
2. M/s. IRC Agrochemicals Pvt. Ltd., Kolkata (w.e.f. 1.7.2018)

**The following have been enrolled as members of FAI w.e.f. 1.4.2018.**

**Associate Members**

1. M/s. Avana Logistek Limited, New Delhi
2. M/s. Compo Expert India Private Limited, Pune
3. M/s. Fertsis India Private Limited, Hyderabad
4. M/s. Ion Exchange India Limited, Mumbai
5. M/s. Jaishil Sulphur and Chemical Industries, Mumbai
6. M/s. Kan Biosys, Pune
7. M/s. Leon Inspection & Testing India Private Limited, Chennai
10. M/s. Tessenderlo Kerley India Private Limited, New Delhi

Overseas Associate Members
1. M/s. Agripower Australia Limited, Australia

The following have been ceased to be members of FAI w.e.f. 1.4.2018.

Active Members
1. M/s. Tata Chemicals Limited, Noida

Associate Members
1. M/s. A2Z Infrastructure Limited, Gurgaon
2. M/s. Agro Phos (India) Ltd., Indore
5. M/s. Central Glass Company India Private Limited, Gurgaon
7. M/s. Continental Profiles Ltd., Faridabad
9. M/s. ELGI Sauer Compressors Ltd., Combatore
10. M/s. Freight Investor Services Private Limited, Navi Mumbai
11. M/s. Gauri Impex, New Delhi
12. M/s. Intertrade Services, New Delhi
15. M/s. Louis Dreyfus Company India Pvt. Ltd., Gurgaon
17. M/s. Maruti Fertochem Ltd., Aurangabad
19. M/s. Rabo India Finance Private Limited, Gurgaon
20. M/s. Spraygro Kesiraju India Private Limited, Hyderabad
21. M/s. SRK Chemicals Ltd., Kutch
22. M/s. Sumitomo Corporation India Pvt. Ltd., Mumbai
23. M/s. The Tamil Nadu Cooperative Marketing Federation Ltd., Chennai
24. M/s. The West Bengal Mineral Development and Trading Corporation Limited, Kolkata
25. M/s. Vinayaka Agro Fertilisers India (P) Ltd., Nellore
26. M/s. Yara Fertilisers India Private Limited, Gurgaon : Converted in to Active Member

Overseas Associate Members
1. M/s. Danakali Limited, Australia
2. M/s. Ulex Andes - USA LLC, USA

Change of Company Name

Associate Members
1. M/s. Hindustan Insecticides Limited to M/s. HIL (India) Ltd.

Overseas Associate Members
1. M/s. Getax Agrifert DMCC to M/s. Agrifields DMCC
GLIMPSE OF COVERAGE IN PRINT AND ELECTRONIC MEDIA

The entire gamut of fertilizer pricing and subsidy policy needs drastic changes with a holistic approach leading to ease of doing business under all parameters.

India is an agrarian country. More than 50% people still depend on agriculture for livelihood. Domestic agriculture has a multiplier effect on overall growth of demand covering fertilizer accounts for more than 50% increase in food grain production. By moving forward towards battle of survival, farmers can enhance their income.

Replacing imported LNG with domestic gas can save ₹23,000 cr in fertiliser subsidy: FAI

Figure 2: Cumulative Saving in Subsidy on Urea since 2000-01 (₹ in billion) (Due to lower cost of domestic gas based area compared to imports)

Fertiliser DBT scheme comes a cropper

ANNUAL SEMINAR 2018

Govt to clear fertiliser subsidy arrears of ₹10k cr by March: Gowda

PRESS TRUST OF INDIA
New Delhi, December 5

FERTILISER SUBSIDY ARREARS to the industry have come down by 75%. The outstanding amount is expected to be cleared by the end of this fiscal year, chemicals and fertilisers minister Sadananda Gowda said on Wednesday.

The government will also raise the minimum retail price (MRP) of urea to protect farmers' interest, he said.

Addressing the annual general meeting of the fertiliser Association of India (FAI), Gowda said the direct benefit transfer (DBT) scheme in the fertiliser sector has been a great success as 55 million farmers have benefited by this scheme.

Figure 1: Fertiliser DBT scheme comes a cropper

The recent move in the industry's demand elasticity index of one year is not looked to the rest for the last few years. This burdens the industry with huge interest cost which is subsidy to beneficiary, i.e. directly continues to be routed to fertilizer manufacturers.

The nature of DBT has further reduced the time gap between exploration and payment by 2 to 3 months even as it continued to be routed through the existing financial system to the direct beneficiary, as depicted in Figure 1.

Existing urea units are struggling to remain viable, despite easing world class prices.

Cost-determination is a crucial part of the industry's overall strategy. The government ultimately deregulating the sector, sooner, the better. The role of government needs to change from a controller...
Extract of Annual Return as on the Financial Year ended on 31st March, 2019

(a) Extract of Annual Return

I. Registration and other details:
   i) CIN : U85300DL 1955NPL002999
   ii) Registration Date : 27th May, 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.

III. Particulars of Holding, Subsidiary and Associate Companies : NIL

IV. Share Holding Pattern (Equity Share Capital Breakup as Percentage of Total Equity) : N.A

V. Indebtedness : NIL

VI. Remuneration of Director General * : Rs. 80,259,69
   i) Salary 40,28,818
   ii) Perquisites 19,02,870
   iii) Others 20,94,281
   Total 80,259,69

VII. Penalties/Punishment/Compounding of Offences : NIL

b) Number of Meetings of the Board

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

<table>
<thead>
<tr>
<th>Meeting Sl. No.</th>
<th>Date of Meeting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 388th</td>
<td>2nd April, 2018</td>
</tr>
<tr>
<td>2. 389th</td>
<td>30th July, 2018</td>
</tr>
<tr>
<td>3. 390th</td>
<td>26th September, 2018</td>
</tr>
<tr>
<td>4. 391st</td>
<td>5th December, 2018</td>
</tr>
</tbody>
</table>

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

i. In the preparation of the annual accounts, the applicable accounting standards had been followed along with proper explanation relating to material departures;

ii. The Directors had selected such accounting policies and applied them consistently and made judgements and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the income and expenditure of the company for that period;

iii. The Directors had taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the company and for preventing and detecting fraud and other irregularities;

iv. The Directors had prepared the annual accounts on a going concern basis and

v. The Directors had devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were adequate and operating efficiently.

d) The amounts, if any, which it proposes to carry to any reserves  * Rs. 2,06,28,786/-

e) Foreign Exchange earnings and outgo
   i) Earnings                  Rs. 3,08,98,214/-
   ii) Out go                   Rs.16,66,168/-

........................................
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 2019 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 2019, 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 honorable Supreme Court for financial years 2009-2010 & 2010-2011, before the Income Tax Appellate Tribunal (ITAT), New Delhi for financial year 2013-2014 and before the Commissioner of Income Tax (Appeals) for financial year 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 2019 taken on record by the Board of Directors, none of the directors is disqualified as on 31 March 2019 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
UDIN: 19086742AAAAAR9657

Place: Delhi
Date: 07/08/2019
# THE FERTILISER ASSOCIATION OF INDIA

## BALANCE SHEET

As on 31 March 2019

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>As at 31 March 2018</th>
<th>As at 31 March 2019</th>
<th>As at 31 March 2018</th>
<th>Assets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reserves and Surplus</td>
<td>1,967,164</td>
<td>General Reserve</td>
<td>1,967,164</td>
<td>Fixed Assets (Net Block)</td>
</tr>
<tr>
<td>Income and Expenditure Account</td>
<td>31,653,667</td>
<td>Less: Depreciation</td>
<td>25,265,324</td>
<td>56,123,368</td>
</tr>
<tr>
<td>191,420,819</td>
<td>As per previous year’s Balance Sheet</td>
<td>211,578,143</td>
<td>Earmarked Accounts</td>
<td></td>
</tr>
<tr>
<td>20,157,324</td>
<td>Add: Excess of Income over Expenditure</td>
<td>20,628,786</td>
<td>232,206,929</td>
<td>234,174,093</td>
</tr>
<tr>
<td>Earmarked Accounts</td>
<td>20,628,786</td>
<td>(Per contra)</td>
<td>(\text{As per contra})</td>
<td></td>
</tr>
<tr>
<td>470,294</td>
<td>(As per Schedule ‘B(i)’</td>
<td>494,485</td>
<td>(\text{As per Schedule ‘D(i)’})</td>
<td>494,485</td>
</tr>
<tr>
<td>470,294</td>
<td>International Plant Nutrition Institute of Canada (IPNI) Awards</td>
<td>494,485</td>
<td>(\text{As per Schedule ‘D(ii)’})</td>
<td>200,753</td>
</tr>
<tr>
<td>(funds received from International Plant Nutrition Institute of Canada - India Programme represented by IPNI India and Bangladesh Program, Gurugram)</td>
<td>577,235</td>
<td>National Fertilizers Limited (NFL) Awards</td>
<td>608,045</td>
<td></td>
</tr>
<tr>
<td>387,768</td>
<td>(As per Schedule ‘B(ii)’</td>
<td>200,753</td>
<td>Golden Jubilee Endowment (GJEF) Fund</td>
<td></td>
</tr>
<tr>
<td>National Fertilizers Limited (NFL) Awards</td>
<td>4,936,218</td>
<td>(As per Schedule ‘D(iv)’</td>
<td>5,194,664</td>
<td>6,497,947</td>
</tr>
<tr>
<td>(funds received from National Fertilizers Limited, New Delhi)</td>
<td>577,235</td>
<td>Current Assets, Loans and Advances</td>
<td></td>
<td></td>
</tr>
<tr>
<td>577,235</td>
<td>(As per Schedule ‘B(iii)’</td>
<td>608,045</td>
<td>(i) Stock of Paper (at Cost)</td>
<td>66,541</td>
</tr>
</tbody>
</table>
### THE FERTILISER ASSOCIATION OF INDIA

#### BALANCE SHEET

As on 31 March 2019

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>As at 31 March 2019</th>
<th>As at 31 March 2018</th>
<th>Assets</th>
<th>As at 31 March 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Jubilee Endowment (GJEF) Fund</td>
<td>4,936,218</td>
<td>5,194,664</td>
<td>6,497,947</td>
<td>(ii) Sundry Debtors</td>
</tr>
<tr>
<td>(As per Schedule ‘B(iv)’)</td>
<td>42,738,646</td>
<td>41,468,646</td>
<td>(a) Outstanding for a period exceeding six months</td>
<td></td>
</tr>
<tr>
<td>Agriculture Promotion Project</td>
<td>86,663</td>
<td>-</td>
<td>Considered good</td>
<td>2,300,882</td>
</tr>
<tr>
<td>(As per Schedule ‘C(i)’)</td>
<td></td>
<td></td>
<td>Considered doubtful</td>
<td>415,524</td>
</tr>
<tr>
<td>Agriculture Promotion Project - Public Relation</td>
<td>(As per Schedule ‘C(ii)’)</td>
<td></td>
<td>Sub total</td>
<td>2,716,406</td>
</tr>
<tr>
<td>A. Current Liabilities</td>
<td></td>
<td>(b) Other debts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Dues</td>
<td>1,298,304</td>
<td>474,280</td>
<td>Considered good</td>
<td>6,827,222</td>
</tr>
<tr>
<td>Sundry creditors</td>
<td></td>
<td></td>
<td>Considered doubtful</td>
<td>-</td>
</tr>
<tr>
<td>Dues of other than Small Scale Industrial Undertakings</td>
<td>695,889</td>
<td>534,762</td>
<td>Sub total</td>
<td>6,827,222</td>
</tr>
<tr>
<td>Advances received against membership subscription, training fees, rent, advertisements and research project</td>
<td>18,096,204</td>
<td>16,720,919</td>
<td>17,255,681</td>
<td>17,729,961</td>
</tr>
<tr>
<td>(iii) Cash and Bank Balances</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Provision for expenses</td>
<td>5,962,470</td>
<td>6,004,910</td>
<td>84,147</td>
<td>Cash and cheques on hand</td>
</tr>
<tr>
<td>Balance with scheduled banks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
</tbody>
</table>
### Loans and Advances

<table>
<thead>
<tr>
<th>Description</th>
<th>As at 31 March 2018</th>
<th>As at 31 March 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>(iv) Loans and Advances (Unsecured and considered good)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advances recoverable in cash or in kind or for value to be received</td>
<td>12,793,228</td>
<td>12,073,682</td>
</tr>
<tr>
<td>Income Tax deducted at Source</td>
<td>21,700,689</td>
<td>23,917,734</td>
</tr>
<tr>
<td>Interest accrued on deposit</td>
<td>5,740,045</td>
<td>8,395,541</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>288,794,998</td>
<td>305,875,558</td>
</tr>
</tbody>
</table>

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

UDIN: 19086742A A A A A R9657

Place: New Delhi  
Date: 07/08/2019  
D. Ramakrishnan  
(Secretary & Treasurer)  
Satish Chander  
(Director General)  
K.S. Raju  
(Chairman)
# INCOME AND EXPENDITURE ACCOUNT

for year ended on 31 March 2019

<table>
<thead>
<tr>
<th>Previous Year</th>
<th>Expenditure</th>
<th>Current Year</th>
<th>Previous Year</th>
<th>Income</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>35,902,912</td>
<td>Salaries and wages</td>
<td>37,670,397</td>
<td></td>
<td>Entrance fee from members</td>
<td></td>
</tr>
<tr>
<td>3,160,224</td>
<td>Contributions to provident fund</td>
<td>3,379,292</td>
<td></td>
<td>- Active</td>
<td>3,500</td>
</tr>
<tr>
<td>3,920,812</td>
<td>Contributions to superannuation and other funds</td>
<td>4,179,451</td>
<td>8,000</td>
<td>- Associate</td>
<td>5,500</td>
</tr>
<tr>
<td>5,310,234</td>
<td>Contribution to gratuity fund</td>
<td>1,681,429</td>
<td></td>
<td>Membership fees from members</td>
<td></td>
</tr>
<tr>
<td>100,567</td>
<td>Contribution to leave encashment assurance scheme</td>
<td>4,341,661</td>
<td>23,003,000</td>
<td>- Active</td>
<td>24,530,250</td>
</tr>
<tr>
<td>3,043,675</td>
<td>Staff welfare expenses</td>
<td>2,803,032</td>
<td>3,480,000</td>
<td>- Associate</td>
<td>3,560,000</td>
</tr>
<tr>
<td>4,928,546</td>
<td>Cost of publications (excluding overheads)</td>
<td>4,984,816</td>
<td>2,699,264</td>
<td>- Overseas associate</td>
<td>3,147,532</td>
</tr>
<tr>
<td>988,347</td>
<td>Workshops, seminars, meetings etc.</td>
<td>922,207</td>
<td>351,160</td>
<td>- Technical and professional associate</td>
<td>273,500</td>
</tr>
<tr>
<td>15,530,901</td>
<td>Annual seminar expenses</td>
<td>13,501,229</td>
<td>2,050,987</td>
<td>- Website - subscription</td>
<td>1,499,945</td>
</tr>
<tr>
<td>1,710,931</td>
<td>Rates and taxes</td>
<td>1,759,668</td>
<td>12,847,540</td>
<td>Rent (gross)</td>
<td>13,307,618</td>
</tr>
<tr>
<td>1,717,667</td>
<td>Electricity and water (net of recoveries)</td>
<td>1,668,122</td>
<td></td>
<td>[Tax deducted at Source: INR 1,330,762 (Previous Year: INR 1,284,760)]</td>
<td></td>
</tr>
<tr>
<td>110,729</td>
<td>Insurance</td>
<td>134,152</td>
<td>5,674,841</td>
<td>Advertisement revenue</td>
<td>4,337,800</td>
</tr>
<tr>
<td>2,057,685</td>
<td>Printing and stationery expenses</td>
<td>1,592,095</td>
<td></td>
<td>[Tax deducted at Source: INR 52,974 (Previous Year: INR 66,119)]</td>
<td></td>
</tr>
<tr>
<td>104,010</td>
<td>Journals and periodicals</td>
<td>170,180</td>
<td>2,400,424</td>
<td>Sale of association’s publications</td>
<td>2,475,349</td>
</tr>
<tr>
<td>2,761,926</td>
<td>Travelling and conveyance expenses</td>
<td>3,954,975</td>
<td></td>
<td>Training courses for technical / marketing personnel, Industry agronomist etc.</td>
<td></td>
</tr>
</tbody>
</table>

Repairs and maintenance expenses

<table>
<thead>
<tr>
<th>Current Year</th>
<th>Previous Year</th>
<th>Income</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>533,789</td>
<td></td>
<td>Training fee received</td>
<td>11,078,012</td>
</tr>
<tr>
<td>87,510</td>
<td>4,231,929</td>
<td>Less: Training programme expenses (excluding overheads)</td>
<td>6,634,886</td>
</tr>
<tr>
<td>484,771</td>
<td>40,694,113</td>
<td>Annual Seminar Receipts</td>
<td>42,269,335</td>
</tr>
<tr>
<td>410,225</td>
<td>1,516,295</td>
<td>Interest received from deposits with banks and companies etc. (Gross)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Awards</th>
<th>200,000</th>
<th>Less: Transferred to</th>
<th>14,093,969</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less:</td>
<td></td>
<td>TSI Award</td>
<td>24,191</td>
</tr>
<tr>
<td>IPNI Award</td>
<td>200,000</td>
<td>IPNI Award</td>
<td>12,985</td>
</tr>
<tr>
<td>TSI Award</td>
<td></td>
<td>NFL Award</td>
<td>30,810</td>
</tr>
<tr>
<td>APP Award</td>
<td></td>
<td>GJE Fund</td>
<td>258,446</td>
</tr>
<tr>
<td>NFL Award</td>
<td></td>
<td></td>
<td>16,643,466</td>
</tr>
</tbody>
</table>

Subtotal | 326,432 | 13,767,537 |
INCOME AND EXPENDITURE ACCOUNT
for year ended on 31 March 2019

<table>
<thead>
<tr>
<th>Previous Year</th>
<th>Expenditure</th>
<th>Current Year</th>
<th>Previous Year</th>
<th>Income</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GJE Fund</td>
<td>-</td>
<td>105,207</td>
<td>Loans to staff</td>
<td>132,038</td>
</tr>
<tr>
<td></td>
<td>Subtotal</td>
<td>200,000</td>
<td>-</td>
<td>Income Tax Refund</td>
<td>172,684</td>
</tr>
<tr>
<td>32,360</td>
<td>Bad debts written off</td>
<td>838,915</td>
<td>287,500</td>
<td>Provision for doubtful debts written back</td>
<td>70,225</td>
</tr>
<tr>
<td></td>
<td>Provision for Doubtful debt</td>
<td>378,024</td>
<td>1,056,323</td>
<td>Miscellaneous receipts</td>
<td>1,215,830</td>
</tr>
<tr>
<td>2,634,958</td>
<td>Depreciation</td>
<td>2,940,982</td>
<td>-</td>
<td>Gain on sale of fixed assets</td>
<td>20,763</td>
</tr>
<tr>
<td>3,530,700</td>
<td>Professional and consultancy Charges</td>
<td>1,764,415</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>96,500</td>
<td>Audit fee (Previous Year: net of adjustment of Input Tax Credit on audit fees of prior year)</td>
<td>110,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>498,437</td>
<td>Loss on sale of fixed assets</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>392,503</td>
<td>Exchange fluctuations</td>
<td>519,271</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5,654,166</td>
<td>Miscellaneous expenses</td>
<td>3,793,139</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20,157,324</td>
<td>Balance being excess of income over expenditure for the year (carried to Balance Sheet)</td>
<td>20,628,786</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>115,533,755</td>
<td>Total</td>
<td>115,232,532</td>
<td>115,533,755</td>
<td>Total</td>
<td>115,232,532</td>
</tr>
</tbody>
</table>

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

UDIN: 19086742AAAAAR9657  
D. Ramakrishnan (Secretary & Treasurer)  
Satish Chander (Director General)  
K.S. Raju (Chairman)

Place: New Delhi  
Date: 07/08/2019
## Schedule “A”

### Fixed Assets as on 31 March 2019

(Amount in INR)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>GROSS BLOCK</th>
<th>DEPRECIATION</th>
<th>NET BLOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>As at 01 April 2018</td>
<td>Additions during the year</td>
<td>Deductions during the year</td>
</tr>
<tr>
<td>Leasehold Land</td>
<td>144,904</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Buildings</td>
<td>30,001,153</td>
<td>1,733,302</td>
<td>-</td>
</tr>
<tr>
<td>Air-conditioning plant and diesel generator set</td>
<td>5,514,783</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Furniture and Fittings etc.</td>
<td>7,671,801</td>
<td>90,000</td>
<td>-</td>
</tr>
<tr>
<td>Office Equipment, air conditioners etc.</td>
<td>2,528,902</td>
<td>317,334</td>
<td>28,300</td>
</tr>
<tr>
<td>Vehicle</td>
<td>4,475,198</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Computers</td>
<td>3,979,849</td>
<td>8,475</td>
<td>314,032</td>
</tr>
<tr>
<td>Total</td>
<td>54,316,590</td>
<td>2,149,111</td>
<td>342,332</td>
</tr>
<tr>
<td>Previous Year</td>
<td>52,979,115</td>
<td>2,081,415</td>
<td>743,940</td>
</tr>
</tbody>
</table>
## EARMARKED ACCOUNTS
(invested per contra)

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

<table>
<thead>
<tr>
<th>Previous Year</th>
<th>Particulars</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>445,934</td>
<td>Balance as per last year's Balance Sheet</td>
<td>470,294</td>
</tr>
<tr>
<td>24,360</td>
<td><strong>Add</strong>: Interest received / accrued on deposits during the year</td>
<td>24,191</td>
</tr>
<tr>
<td>470,294</td>
<td><strong>Sub total</strong></td>
<td>494,485</td>
</tr>
<tr>
<td></td>
<td><strong>Less</strong>: Awards</td>
<td></td>
</tr>
<tr>
<td>470,294</td>
<td><strong>Balance</strong></td>
<td>494,485</td>
</tr>
</tbody>
</table>

### Schedule "B(ii)":
Fund received from International Plant Nutrition Institute (IPNI) for Awards
(Amount in INR)

<table>
<thead>
<tr>
<th>Previous Year</th>
<th>Particulars</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>363,938</td>
<td>Balance as per last year's Balance Sheet</td>
<td>387,768</td>
</tr>
<tr>
<td>23,830</td>
<td><strong>Add</strong>: Interest received / accrued on deposits during the year</td>
<td>12,985</td>
</tr>
<tr>
<td>387,768</td>
<td><strong>Sub total</strong></td>
<td>400,753</td>
</tr>
<tr>
<td></td>
<td><strong>Less</strong>: Awards</td>
<td>200,000</td>
</tr>
<tr>
<td>387,768</td>
<td><strong>Balance</strong></td>
<td>200,753</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Previous Year</th>
<th>Particulars</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>545,018</td>
<td>Balance as per last year's Balance Sheet</td>
<td>577,235</td>
</tr>
<tr>
<td>32,217</td>
<td><strong>Add</strong>: Interest received / accrued on deposits during the year</td>
<td>30,810</td>
</tr>
<tr>
<td>577,235</td>
<td><strong>Sub total</strong></td>
<td>608,045</td>
</tr>
<tr>
<td></td>
<td><strong>Less</strong>: Awards</td>
<td></td>
</tr>
<tr>
<td>577,235</td>
<td><strong>Balance</strong></td>
<td>608,045</td>
</tr>
</tbody>
</table>

### Schedule "B (iv)":
Funds received from Golden Jubilee Endowment Fund (GJEF)
(Amount in INR)

<table>
<thead>
<tr>
<th>Previous Year</th>
<th>Particulars</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,525,274</td>
<td>Balance as per last year's Balance Sheet</td>
<td>4,936,218</td>
</tr>
<tr>
<td>2,500,000</td>
<td>Funds transferred from FAI during year</td>
<td>-</td>
</tr>
<tr>
<td>210,944</td>
<td><strong>Add</strong>: Interest received / accrued on deposits during the year</td>
<td>258,446</td>
</tr>
<tr>
<td>5,236,218</td>
<td><strong>Sub total</strong></td>
<td>5,194,664</td>
</tr>
<tr>
<td>300,000</td>
<td><strong>Less</strong>: Awards</td>
<td></td>
</tr>
<tr>
<td>4,936,218</td>
<td><strong>Balance</strong></td>
<td>5,194,664</td>
</tr>
</tbody>
</table>
Schedule “C(i)”: Agriculture Promotional Project (APP)  

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance as per last year’s Balance Sheet</td>
<td>45,626,832</td>
<td>42,738,646</td>
</tr>
<tr>
<td>Add: Funds transferred from IMPHOS Earmarked Account</td>
<td>941,814</td>
<td>-</td>
</tr>
<tr>
<td>Total (A)</td>
<td>46,568,646</td>
<td>42,738,646</td>
</tr>
</tbody>
</table>

Less: Expenditure incurred on the Project

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund transferred to Golden Jubilee Endowment Fund</td>
<td>2,500,000</td>
<td>-</td>
</tr>
<tr>
<td>National Conference on Ornamental Horticulture to Rural Economy</td>
<td>-</td>
<td>200,000</td>
</tr>
<tr>
<td>National Conference on Potassium Management in Indian Agriculture</td>
<td>260,000</td>
<td>-</td>
</tr>
<tr>
<td>Honorarium</td>
<td>720,000</td>
<td>720,000</td>
</tr>
<tr>
<td>Project on doubling the income of Farmers</td>
<td>350,000</td>
<td>350,000</td>
</tr>
<tr>
<td>Total (B)</td>
<td>3,830,000</td>
<td>1,270,000</td>
</tr>
</tbody>
</table>

Balance [(A) – (B)]                                               | 42,738,646    | 41,468,646   |

Schedule “C(ii)”: Agriculture Promotional Projects – Public Relation  

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funds received during the year</td>
<td>223,863</td>
<td>86,663</td>
</tr>
</tbody>
</table>

Less: Expenditure incurred on the Project

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscellaneous Expenses</td>
<td>119,200</td>
<td>86,663</td>
</tr>
<tr>
<td>Updation of Corporate Film</td>
<td>18,000</td>
<td>-</td>
</tr>
<tr>
<td>Total (B)</td>
<td>137,200</td>
<td>86,663</td>
</tr>
</tbody>
</table>

Balance [(A) – (B)]                                               | 86,663        | -            |

EARMARKED ACCOUNTS  
(per contra)

Schedule “D(i)”: Application of funds received from The Sulphur Institute (TSI) for Awards as at 31 March 2019  

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance with a scheduled bank in savings bank account</td>
<td>300,000</td>
<td>-</td>
</tr>
<tr>
<td>Deposit with scheduled bank</td>
<td>150,353</td>
<td>473,944</td>
</tr>
<tr>
<td>T.D.S. recoverable</td>
<td>19,941</td>
<td>20,541</td>
</tr>
<tr>
<td>Total</td>
<td>470,294</td>
<td>494,485</td>
</tr>
</tbody>
</table>
### Schedule “D(ii)”: Application of funds received from the International Plant Nutrition Institute (IPNI) for Awards as at 31 March 2019  
(Amount in INR)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance with a scheduled bank in savings bank account</td>
<td>290,241</td>
<td>-</td>
</tr>
<tr>
<td>Deposit with scheduled bank</td>
<td>91,988</td>
<td>198,613</td>
</tr>
<tr>
<td>Interest accrued on deposits</td>
<td>3,399</td>
<td>-</td>
</tr>
<tr>
<td>T.D.S. recoverable</td>
<td>2,140</td>
<td>2,140</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>387,768</strong></td>
<td><strong>200,753</strong></td>
</tr>
</tbody>
</table>

### Schedule “D(iii)”: Application of funds received from the National Fertilizers Limited (NFL) for Awards as at 31 March 2019  
(Amount in INR)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance with a scheduled bank in savings bank account</td>
<td>368,000</td>
<td>368,000</td>
</tr>
<tr>
<td>Deposit with scheduled bank</td>
<td>204,690</td>
<td>235,383</td>
</tr>
<tr>
<td>Interest accrued on deposits</td>
<td>3,724</td>
<td>3,841</td>
</tr>
<tr>
<td>T.D.S. recoverable</td>
<td>821</td>
<td>821</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>577,235</strong></td>
<td><strong>608,045</strong></td>
</tr>
</tbody>
</table>

### Schedule “D(iv)”: Application of funds received from the Golden Jubilee Endowment Fund as at 31 March 2019  
(Amount in INR)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance with a scheduled bank in savings bank account</td>
<td>2,523,000</td>
<td>2,616,897</td>
</tr>
<tr>
<td>Deposit with scheduled bank</td>
<td>2,315,339</td>
<td>2,506,594</td>
</tr>
<tr>
<td>Interest accrued on deposits</td>
<td>71,355</td>
<td>44,260</td>
</tr>
<tr>
<td>T.D.S. recoverable</td>
<td>26,524</td>
<td>26,913</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4,936,218</strong></td>
<td><strong>5,194,664</strong></td>
</tr>
</tbody>
</table>

### Schedule “E”: Receipts and Expenses against the training courses for technical / marketing personnel industry etc. held during the year ended on 31 March 2019  
(Amount in INR)

<table>
<thead>
<tr>
<th>Receipts</th>
<th>Previous Year</th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training Fees Received (A)</td>
<td>10,323,288</td>
<td>11,078,012</td>
</tr>
<tr>
<td><strong>Less: Expenses incurred</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boarding and Lodging Expenses</td>
<td>4,089,055</td>
<td>4,380,012</td>
</tr>
<tr>
<td>Travelling and Conveyance Expenses</td>
<td>476,117</td>
<td>349,908</td>
</tr>
<tr>
<td>Honorarium</td>
<td>99,500</td>
<td>112,300</td>
</tr>
<tr>
<td>Photographs</td>
<td>13,550</td>
<td>19,300</td>
</tr>
<tr>
<td>Miscellaneous Expenses</td>
<td>1,413,137</td>
<td>1,773,366</td>
</tr>
<tr>
<td><strong>Total (B)</strong></td>
<td>6,091,359</td>
<td>6,634,886</td>
</tr>
<tr>
<td><strong>Net Receipts [(A) – (B)]</strong></td>
<td>4,231,929</td>
<td>4,443,126</td>
</tr>
</tbody>
</table>
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 are as follows:

<table>
<thead>
<tr>
<th>Asset Category</th>
<th>Life as per Schedule II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building</td>
<td>60 years</td>
</tr>
<tr>
<td>Air conditioner &amp; Generator Sets</td>
<td>15 years</td>
</tr>
<tr>
<td>Furniture &amp; Fixture</td>
<td>10 years</td>
</tr>
<tr>
<td>Office Equipment</td>
<td>5 years</td>
</tr>
<tr>
<td>Vehicle – Car</td>
<td>6 years</td>
</tr>
<tr>
<td>Vehicle - Motor Cycle</td>
<td>10 years</td>
</tr>
<tr>
<td>Computer</td>
<td>3 years</td>
</tr>
<tr>
<td>Server</td>
<td>6 years</td>
</tr>
</tbody>
</table>

♦ In case of cost of improvements to leasehold premises, cost is amortized over the period of lease (including renewal options) of the premises or the useful life of leasehold improvements, whichever is lower.
♦ No write off is made in respect of leasehold land as the lease is a long lease.
♦ Assets having value of INR 5,000 or less, individually, have been fully depreciated in the year of purchase.

iii) Retirement Benefits
   a) The Association has various schemes of retirement benefits such as provident fund, gratuity, leave encashment and superannuation fund. The provident fund, gratuity and superannuation fund are administered by trustees of an independently constituted Trusts recognized by the Income-tax authorities. The Group Leave Encashment - cum - Life Assurance Scheme (Cash Accumulation) Scheme is administered by FAI through LIC. Contributions to the gratuity fund, superannuation fund and Group Leave Encashment Scheme are made in accordance with the terms of the scheme of the Life Insurance Corporation of India. Periodic Contributions to the funds are charged against revenue each year.
   b) Liability for leave encashment benefit payable to employees on retirement is provided on an arithmetical calculated on the basis of accumulated un-availed leaves standing to the credit of employees at the yearend by taking the last drawn salary into account.

vi) Foreign currency transactions
   Foreign currency transactions are accounted for at exchange rates prevailing on the date the transaction takes place. The transactions in foreign currencies which are not settled on the date of balance sheet are translated into rupees taken into account the exchange rate prevailing on the date of Balance Sheet. Any income or expense on account of exchange difference either on settlement or transaction is recognized in the income and expenditure account except that the variation in the long-term liabilities incurred for acquisition of Fixed Assets up to 31 March
2004 is adjusted to the cost of Fixed Assets. In case such liabilities are incurred and utilized for acquisition of Fixed Assets after 31 March 2004, the gain or loss on settlement date or on conversion at the rates prevailing at the year end is charged to the income and expenditure account.

2 Income from membership fees is accounted for on an accrual basis except for membership dues from technical and professional associate members, which are accounted for on a cash basis.

3 Subscriptions received for journals and periodicals are accounted for on a cash basis.

4 Training fees received from FAI Training Courses for technical / marketing personnel, industry agronomist etc. are shown net of expenses incurred in conducting such training courses.

5 Annual Seminar Receipts and Annual Seminar Expenditure are shown net of amount received against sponsorship.

6 Interest on Fixed Deposits with banks and companies has been calculated on day basis based on the calculation done by banks.

7 Cost of publications is charges off in the year, in which such expenditure is incurred.

8 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.

9 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.

10 Honorarium to faculty members and ex-gratia payments to staff have been debited to other heads such as FAI Training courses, Seminars etc.

11 Managerial remuneration of the Director General under section 197 of the Companies Act 2013 (including arrears for the previous year)

12 Auditors’ remuneration (excluding Goods & Service Tax)

13 Expenditure in foreign currency on account of:

<table>
<thead>
<tr>
<th>Amount in INR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Year</td>
</tr>
<tr>
<td>Previous Year</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>Honorarium to faculty members and ex-gratia payments to staff have been debited to other heads such as FAI Training courses, Seminars etc.</td>
</tr>
<tr>
<td>Managerial remuneration of the Director General under section 197 of the Companies Act 2013 (including arrears for the previous year)</td>
</tr>
<tr>
<td>Auditors’ remuneration (excluding Goods &amp; Service Tax)</td>
</tr>
<tr>
<td>Management Services</td>
</tr>
<tr>
<td>a) Subscription to foreign journals and books</td>
</tr>
<tr>
<td>b) Membership of foreign organizations</td>
</tr>
<tr>
<td>c) Foreign Travel</td>
</tr>
<tr>
<td>Earnings in foreign exchange (cash basis) for sale of publications, advertising, membership fees etc.</td>
</tr>
</tbody>
</table>

15 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.

16 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.

17 Inventory of unused paper supplies are valued at cost based on weighted average method.

18 The Association, vide Order dated 22 June 1994 of Assistant Director of Income Tax has been registered under section 12A(a) of the Income Tax Act, 1961 with effect from 01 April 1993, and has been claiming exemption under sections 11 and 12 of the Income Tax Act, 1961. As such no provision for income tax been considered.

19 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 ground and 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 two months’ notice.
- The lease is generally renewable on the expiry of the lease period subject to mutual agreement.
(b) The gross carrying amount, the depreciation for the year and the accumulated depreciation as at 31 March 2019 are as under:

<table>
<thead>
<tr>
<th>Description of the asset</th>
<th>Gross carrying Amount</th>
<th>Depreciation for the year</th>
<th>Accumulated depreciation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building</td>
<td>5,550,846</td>
<td>91,607</td>
<td>1,680,557</td>
</tr>
</tbody>
</table>

20 **Litigation in favor of the Association; however, challenged by the Income Tax Authority in the Apex Court**

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).

iv. The Commissioner of Income Tax (Exemptions) has filed Special Leave petition in the Honorable Supreme Court on 13 October 2018. The Case has not been heard till date by the Honorable Court.

21 **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 Commissioner of Income Tax (Appeal) partly allowed the Appeal, which includes major grounds of appeal vide his order dated 19 November 2018. The Deputy Commissioner of Income Tax (Exemption), New Delhi appealed to the Honorable ITAT on 04 February 2019 against the order of the Commissioner of Income Tax (Appeal). There is no further progress in this Case till date.

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.

22 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
UDIN: 19086742AAAAAR9657

Place: New Delhi  
Date: 07/08/2019

**D. Ramakrishnan**  
(Secretary & Treasurer)

**Satish Chander**  
(Director General)

**K.S. Raju**  
(Chairman)
### SENIOR STAFF OF FAI

#### CENTRAL OFFICE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shital S. Bhende</td>
<td>Senior Agronomist</td>
</tr>
<tr>
<td>Rama Gupta</td>
<td>Senior Officer (Accounts)</td>
</tr>
<tr>
<td>K. Mohan</td>
<td>Senior Officer (Accounts)</td>
</tr>
<tr>
<td>M. M. Sharma</td>
<td>PS to DG</td>
</tr>
<tr>
<td>Yatika Gupta</td>
<td>Economist</td>
</tr>
<tr>
<td>Lalit Kumar</td>
<td>Agronomist</td>
</tr>
<tr>
<td>Anita Kumari</td>
<td>Officer (Publicity)</td>
</tr>
<tr>
<td>Ankita Pandey</td>
<td>Technical Officer</td>
</tr>
<tr>
<td>Chanchal Soni</td>
<td>Statistical Officer</td>
</tr>
<tr>
<td>Celine George</td>
<td>Officer (Secretarial)</td>
</tr>
<tr>
<td>Rohit Chaturvedi</td>
<td>Junior Statistical Officer</td>
</tr>
<tr>
<td>Ajay Kumar</td>
<td>Junior Officer</td>
</tr>
<tr>
<td>Prakash Kumar</td>
<td>Junior Officer (Accounts)</td>
</tr>
</tbody>
</table>

#### REGIONAL OFFICES

**EAST**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dilip Kumar Dey</td>
<td>Senior Officer (Accounts)</td>
</tr>
</tbody>
</table>

**NORTH**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harinder Kaushik</td>
<td>Officer</td>
</tr>
</tbody>
</table>

**SOUTH**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. Venkatesan</td>
<td>Senior Statistical Officer</td>
</tr>
</tbody>
</table>

**WEST**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shilpa K. Chirke</td>
<td>Officer</td>
</tr>
</tbody>
</table>
Coastal Shipping and Inland Waterways Business Conclave, Kochi
FAI REGIONAL OFFICES

<table>
<thead>
<tr>
<th>REGION</th>
<th>ADDRESS</th>
<th>TEL</th>
<th>FAX</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHERN</td>
<td>The Fertiliser Association of India, FAI House, 10 Shaheed Jit Singh Marg</td>
<td>011-46005226</td>
<td>011-26960052</td>
<td><a href="mailto:nr@faidelhi.org">nr@faidelhi.org</a></td>
</tr>
<tr>
<td>SOUTHERN</td>
<td>Module 16, Block G-1, Garment Complex, SIDCO Industrial Estate, Guindy, Chennai - 600 032</td>
<td>044-22501862</td>
<td>044-22501240</td>
<td><a href="mailto:sr@faidelhi.org">sr@faidelhi.org</a></td>
</tr>
<tr>
<td>EASTERN</td>
<td>Flat 1 R, Ganpati Building, 3, Kavi Bharati Sarani (Lake Road), Kolkata - 700 029</td>
<td>033-24638256</td>
<td>033-24638257</td>
<td><a href="mailto:er@faidelhi.org">er@faidelhi.org</a></td>
</tr>
<tr>
<td>WESTERN</td>
<td>Flat No.3, New Commonwealth Society, 229 Linking Road, Bandra (W), Mumbai - 400 050</td>
<td>022-26518162</td>
<td>022-26416174</td>
<td><a href="mailto:wr@faidelhi.org">wr@faidelhi.org</a></td>
</tr>
</tbody>
</table>