

## Shri Arun Narke takes over as President, IDA

WITH SHRI ARUN NARKE as the new President of IDA, the Association is honoured to welcome its first farmer President — a dairyman who is essentially a milk farmer and who proudly proclaims himself as “the son of the soil”.

Born on 29<sup>th</sup> November 1943, Shri Narke's roots in dairying go back a long way. He was Chairman of Kolhapur Zilla Dugdh Utpadak Sangh Ltd.(Gokul Dairy) for 10 years. He was also Director of Maharashtra State Cooperative Milk



Federation and Chairman of Kolhapur District Central Cooperative Bank Ltd. During his tenure as Chairman of Gokul Dairy from 1990 to 2000, the cooperative bagged 13 National Productivity Awards.

Farming has been a family tradition for Shri Narke since generations. His farm at Kolhapur has 25-30 cows and buffaloes from which milk is contributed daily to Gokul dairy.

With his rich and diverse dairying experience, coupled with technical and professional acumen, IDA with Shri Narke at the helm, is poised to achieve greater heights. Indian dairying, subsequently, will benefit immensely from his continued and invaluable guidance.

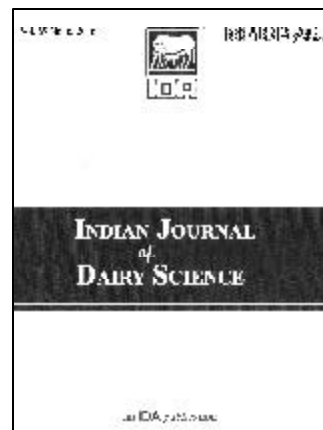
## IDA (South Zone) Elects New ZEC

THE INDIAN DAIRY ASSOCIATION (South Zone) held its zonal committee election recently where the new Zonal Executive Committee was formed for the next term as on 30<sup>th</sup> Nov. 2016. The list of office bearers are:

**Chairman:** Shri C.P. Charles; **Vice-Chairman:** Dr. K.S. Ramachandra; **Secretary:** Dr. Bandla Srinivas; **Treasurer:** Shri R. Malleshappa; **Members:** Dr. A. Elango, Dr. B.V. Venkateshaiah, Dr. Natarajan Sankaran, Shri Bachegowda R, Shri H.J.S. Gowda, Dr. N.K.S. Gowda, Dr. B.C. Ghosh, Shri K.V. Jagannatharao, Dr. P.I. Geevarghese, Shri B. Nataraj, Dr. Kajal Sankar Roy, Dr. P.K. Shrivastava, Shri B.V. Dharmendra, Shri S. Rajeev and Shri S. Venkatachalam.

## IJDS ratings improve

INDIAN DAIRY ASSOCIATION publishes its scientific and technical Journal called *Indian Journal of Dairy Science* (IJDS) for imparting scientific knowhow and disseminating research findings. The journal is published bimonthly and includes research articles, abstracts, reviews, short communications and other cognate matters pertaining to the industry. IDA is pleased to inform that this year IJDS has been awarded a score of 5.26 by NAAS. This is a significant improvement from its last rating of 4.19. Ratings have been given out of 2570 scientific journals as on 1<sup>st</sup> January 2017.



## 45<sup>th</sup> DIC at Mumbai

KEEPING IN VIEW the effects of global warming on land and bovine productivity, and its further impact on productivity and reproductive cycles of milch animals, IDA has decided to deliberate upon 'Climate Change & Dairying', as the theme for the 45<sup>th</sup> Dairy Industry Conference. During the deliberations at the conference, milk producers, scientists, practitioners, managers and CEO's of dairy farms and milk processing plants will draw up a roadmap for sustainable growth while addressing the challenges of Climate Changes.

The 45<sup>th</sup> Dairy Industry Conference concurrent to (India International dairy Expo) IIDE 2017 will be the biggest event of the dairy industry with the presence of over 1500 delegates from India and abroad.



## NATIONAL news

### Milk production grows 6.28%

IN A MAJOR boost to dairy sector, the country has registered a growth of 6.28 per cent during 2014-16, higher than last year's growth rate of about 4 per cent and three times more than the world average growth of 2.2 per cent.

According to Union Minister for Agriculture Shri Radha Mohan Singh India continues to hold the number one position among milk producing nations of the world since 1998.

Milk production in India has increased from 22 million tonne in 1970 to 156 million tonne in 2015-16, which shows a growth of 700 per cent during the last 46 years. "As a result, the per capita availability of milk in India is 337 gram/day as compared to average world per capita availability of 229 gram/day," the minister said. "If wheat and paddy is combined together, even then, in gross value addition (GVA) of Rs 4.92 crore in 2014-15, the contribution of milk is more than 37 per cent. About 54 per cent of milk produced in the country is surplus, out of which about 38 per cent is handled by the organised sector. The co-operatives and private dairy organisations have equal share in it, while women participation in dairying is about 70 per cent," Shri Singh said while addressing the inter-session meeting of Parliamentary Consultative Committee of the ministry.



### FSSAI regulations for milk standards

FSSAI HAS RELEASED draft regulations to amend the Food Safety and Standards Regulations (FSSR), 2011, describing the standards for milk and milk products. One of the major issues addressed was that of the fat and solids non fat (SNF) content in milk.

It was proposed that buffalo milk contain a minimum

of six per cent fat in the states and Union Territories of Assam, Bihar, Chandigarh, Delhi, Gujarat, Haryana, Jharkhand, Maharashtra, Meghalaya, Punjab, Sikkim, Uttar Pradesh, Uttarakhand and West Bengal and five percent fat in other states and Union Territories. It was recommended that the minimum SNF be nine per cent

**MOTHER DAIRY GOES DIGITAL**

To promote cashless transactions, Mother Dairy Fruit has introduced Aadhaar Enabled Payment System (AEPS) in its Milk and Safal Booths. This service will be available in addition to E-wallets and SmartChange Cards. Shri S. Nagarajan, Managing Director, Mother Dairy said, "We are happy to offer yet another convenient mode of making transactions through Aadhaar Enabled Payment System. The AEPS mode of payment is one of the easiest modes of transaction as it does not require any physical cash or card to make the transactions."

**BANK OF BARODA'S MoU WITH HFL**

Bank of Baroda (BoB) has inked a MoU with Heritage Foods (HFL) to provide dairy loans to farmers through the lender's branches across the country. BoB and HFL will work jointly to provide dairy loans to the farmers which will benefit them in increasing their productivity and earnings under allied activities.

**BUSINESS HEAD OF PRABHAT DAIRY**

Mr Muthar Basha, a veteran with over 25 years of sales and customer marketing experience in fast-moving consumer goods (FMCG) like Hindustan Unilever and Britannia, has joined Prabhat Dairy Ltd. as business head - consumer.

**SUDHA'S CHURA-DAHI PACK**

Bihar State Milk Cooperative Federation (COMFED), recently launched the combo pack of Chura-Dahi before Makar Sankranti in January. The weight of the packet of Chura-Dahi is 315 grams and the cost ` 50. Sugar and spoon are also included in the packet.



the country.

FSSAI recommended that fat and SNF standards for mixed and standardised milk should be 4.5 and 8.5 per cent respectively; 3 and 8.5 per cent respectively for toned milk; 0.5 and 8.7 per cent respectively for skimmed milk; 1.5 and nine per cent respectively for double-toned milk and 6 and 9 per cent respectively for full-cream milk.

The draft also defined milk and milk products and the process of pasteurisation, recombined milk or milk products, reconstituted milk or milk products and probiotic milk, amongst others.

across the country.

The regulator stated that the fat composition for cow milk should be 3.5 per cent for all states barring Odisha and Mizoram and the SNF composition should be 8.5 per cent. Milk obtained from goats and sheep should have fat ranging between 3 and 3.5 per cent and 9 per cent SNF, while it was proposed that camel milk should contain 3 per cent fat and 6.5 per cent SNF across

## Dr. Khanna Appointed in Review Group of FSSAI



Food Standards and Safety Authority of India vide their order dated 8<sup>th</sup> December 2016 has created eight Food Standards Review Groups. The order states that "due to technological advancements and changing dietary patterns etc., there is a need to review the existing FSSR standards in line with the global practices, addressing both the needs of consumers and for promoting innovation by Industry. There is a gap between needs of the industry and information available with FSSAI/Scientific Panels on this issue". Keeping these in view the FSSAI has created Standards Review Groups. Dr. R.S. Khanna, Chairman, Kwaliti Limited has been appointed on the Standards Review Group II - Milk and Milk Products and Standards Review Group VII - Beverages including Alcoholic Beverages.

## India International Dairy Expo (IIDE) 2017

WITH OVER 170 EXHIBITORS from India and abroad showcasing their new technological advances/products/services to the dairy industry, spread over an area of 7400 sq. mt. and over 6,000 dairy professionals expected to witness these exhibits, the next edition of India International Dairy Expo (IIDE) 2017 concurrent to 45<sup>th</sup> Dairy Industry Conference will bring the entire gamut of the dairy industry under one roof.

With an objective to create a dedicated business platform to discuss and deliberate about the new technologies and developments in the dairy industry at national and international level, Indian Dairy Association (WZ) and Koelnmesse YA Tradefair Pvt. Ltd., an Indian subsidiary of Koelnmesse GmbH, Germany will again organize India International Dairy Expo (IIDE) 2017 concurrent to 45<sup>th</sup> Dairy Industry Conference during February 16-18, 2017 at Hall 5 & 2, Bombay Exhibition Centre, Mumbai, India.



IIDE 2017 has already received very good participation response from both national as well as international companies.

## Workshop by BAMUL and ICAR-NIANP



A TECHNICAL WORKSHOP on “Organic dairy farming — Newer Innovations” for progressive dairy farmers was conducted at ICAR-NIANP, Bangalore during 25<sup>th</sup>-26<sup>th</sup> October 2016, in collaboration with Bangalore Milk Union. More than 200 progressive dairy farmers and entrepreneurs participated in the workshop. Experts working in the field of organic dairy farming, feeding and management of dairy animals presented new innovations and adoptable technologies to make dairying a profitable and sustainable enterprise. Special emphasis was given on green fodder cultivation and conservation including novel method of green sprout production. Ration balancing using “Feed Chart tool” was demonstrated. Based on the views of experts and inputs received from the participants, the following recommendations have been made:

### **Issues for research:**

- ✧ Evolving high yielding, climate resilient fodder varieties.
- ✧ Low cost fodder production methods during scarcity situations
- ✧ Improving milk quality in terms of fat and SNF
- ✧ Improving fertility.
- ✧ Harnessing local feed resources (fruit and crop residues)
- ✧ Control of mastitis and contagious/communicable diseases.

### **45TH DAIRY INDUSTRY CONFERENCE** 16-18 Feb., 2017

**Bombay Convention & Exhibition Center (BCEC), Mumbai, Maharashtra**

Indian Dairy Association (West Zone) is organizing the 45<sup>th</sup> Dairy Industry Conference (DIC) at Mumbai. The theme of the Conference is “Climate Change and Dairying”. Online registration facility is available on

[www.idawz.org](http://www.idawz.org). For further information, interested members/ readers may get in touch with Mr. Rajesh Lele, Secretary General, 45<sup>th</sup> DIC. Mobile + 91-9820 136 987 Email: [rajeshleleida@gmail.com](mailto:rajeshleleida@gmail.com)

### **FEED TECH EXPO**

**23-25 Feb. 2017**  
**New Grain Market, Karnal (Haryana)**

The upcoming edition of Feed Tech Expo will attract feed millers, integrators, big farmers, cooperatives, policy makers and others from Cattle, Poultry and Aqua industry. Interested participants contact 8607463377 [feedtechexpo@gmail.com](mailto:feedtechexpo@gmail.com) [www.feedtechexpo.com](http://www.feedtechexpo.com)

### **DAIRY UNIVERSE INDIA 2017**

**21<sup>st</sup> - 23<sup>rd</sup> August, 2017**  
**Pragati Maidan, New Delhi**  
Dairy Universe India along with its concurrent trade fairs ANUTEC-International FoodTec India, Sweet & SnackTec India and PackEx India will be organized at Pragati Maidan in Hall no. 8, 9, 10, 11, 12 & 12A.

The Exhibition would cover the complete need for the milk and milk products processing, packaging, storage and distribution industry. For more information, contact, Mr. Mukhtar Pathan, Koelnmesse YA Tradefair Pvt. Ltd. Ph.: + 91 40 65707722 Fax: + 91 40 66684433 [m.pathan@koelnmesse-india.com](mailto:m.pathan@koelnmesse-india.com)

## Operation/Service issues:

- ≈ Improving the availability of newer variety of fodder seeds/root slips.
- ≈ Conducting periodic technical workshops and technology updating.
- ≈ Collaboration with milk unions for technology upscaling and adoption.
- ≈ Promoting educational tours for farmers
- ≈ Adopting organic methods of dairy farming and value addition of milk.
- ≈ Use of modern information and communication technology (ICT) for information dissemination like Mobile Aps, E mail, SMS etc.
- ≈ Constitution of a technical advisory committee comprising of experts from NIANP, NDRI and Veterinary College.

## Milk gets indigenous nudge

UNION AGRICULTURE MINISTER Shri Radha Mohan Singh has stressed on the need to market A2 milk separately in order to benefit consumers and poor farmers rearing indigenous cattle. He said indigenous breeds were hardier and produced healthier milk.

Dairy cooperatives are working towards this end. GCMMF recently launched 'Amul Deshi' milk from indigenous Kankrej cows. It was launched in Gujarat by the Prime Minister who vouched for the qualities of the A2 variety (from indigenous breeds) of milk. Maahi Milk Producer Company, floated in 2012 by the National Dairy Development Board, is set to launch its



variant of A2 milk, from the indigenous Gir breed.

The Centre has raised the yearly budget allotment for development and conservation of indigenous breeds, from ` 45 crore in 2013 to ` 582 crore now. The 'Rashtriya Gokul Mission' has been launched for the purpose. About ` 2 crore each has been sanctioned to Odisha and Karnataka for marketing of A2 milk. The National Mission on Bovine Productivity has been allocated ` 825 crore.

Government statistics show India is home to 190.9 million cattle (19th Livestock Census, 2012), roughly 13 per cent of the world total. Of this, 151 million or 80 per cent are indigenous, says the agriculture ministry.

## Elite buffalo germplasm

SCIENTISTS OF THE INDIAN COUNCIL OF AGRICULTURE RESEARCH (ICAR) and Central Institute for Research on Buffalo, Hisar, have teamed up for a unique experiment on preparing and disseminating elite buffalo germplasm across the country. NDRI, Karnal has set a target to produce elite male and female animals through advance reproductive techniques. "We have experimented with embryo transfer technology (ETT) and in vitro fertilization (IVF) in the buffalo. But the most important and underexploited possibility is somatic cell nuclear transfer (SCNT) in buffalo breeding," says Dr. A.K. Srivastava, Director, NDRI. This is a lab



technique for creating an ovum with a donor nucleus. This technique can also be used in embryonic stem cell research, sometimes called 'therapeutic cloning.'

"We have standardized the simple and effective hand-guided cloning technique in buffalo, which is faster, simpler and more efficient than the conventional micromanipulator-based SCNT. It

also does not require expensive micromanipulators and skilled manpower to operate," Dr. Srivastava said.

This initiative is a ray of hope for the multiplication of good germplasm of Murrah buffalo, a breed of Haryana which is in high demand across the country.

# Procurement prices to increase

DAIRY COOPERATIVES such as Amul and Mother Dairy are preparing to increase prices in the coming months and boost payouts to farmers. They are expecting a sharp drop in the stock of milk products to carry forward to the next fiscal year in April. As such they plan to raise milk and milk product prices and pass on the gains to farmers. This would encourage farmers to increase supplies, so that they can stock up products for the summer months, a lean period for the production of fresh milk.

“By the end of March, carry forward stock of skimmed milk powder (SMP) will be 50% less of last year and hence we might have to again increase farmers’ prices,” said Shri R.S. Sodhi, Managing Director, GCMMF.

Mother Dairy Managing Director Shri S Nagarajan said the price that the consumer pays for milk could see an upward movement by February. The cooperative has increased its payment to farmers by ` 3 to 4 a litre over the past year, he said.



# NDDDB, Arunachal Pradesh sign MoU

WITH A VIEW TO PROMOTING dairying and rural livelihoods in the State, Arunachal Pradesh has signed an MoU with National Dairy Development Board (NDDDB) during the Vibrant Gujarat Global Summit 2017.

A State government delegation led by Chief Minister Pema Khandu participated in the Summit. It also met NDDDB Chairman Shri Dilip Rath at Anand in this regard.

Shri Rath said that NDDDB will provide managerial and technical support to co-operative institutions. NDDDB will conduct a study related to milk production and consumption to identify areas of intervention and a breeding policy will be prepared to enhance milch animal productivity.



# Swachh Bharat Drive

Swachh Bharat mission has suggested to municipal commissioners of all cities and town to make attempts to transport all stray cattle to nearest gaushalas after mapping with them, and help set up dung-based biogas plants in these cow shelters with funding from the Swachh Bharat mission.

The Centre has suggested around 10 gobar gas plants in each city to solve the cleanliness problem and at the same time profit from the exercise.

## Dairy to combat Asia Nutrition Challenges

UN SEES DAIRY as a potential ally in nutrition challenges in Asia. Milk and other dairy products would play a major role in fighting Asia's newest dietary challenges: obesity, and vitamin and mineral deficiencies, according to a report by the U.N. Food and Agriculture Organization.

"This report is an eye opener and a wake up call," said Ms. Kundhavi Kadiresan, FAO's assistant director general. But "increased consumption of milk and dairy holds out excellent promise to improve nutrition," she said. As people move from the countryside to the big city by the millions, diets are changing from more traditional ones dominated by rice to a more varied version incorporating more fruits, vegetables, and meats. Changing tastes for food means Asians are drinking more milk, traditionally absent from

many Asian kitchens. Production has almost tripled, from about 110 million tons in 1990 to nearly 300 million tons in 2013 — accounting for more than 80 percent of the world's increase in milk supplies during that time.

Studies have found Thailand's National Milk Program, which brings milk to schools, causes students to grow taller and take in more protein and calcium. Similar programs were rolled out from India to China to the Philippines.



## Better milk prices expected in 2017

WHILE THE STOCK MARKET has been on a bullish run as 2016 ends, most agricultural commodities are feeling the pressure, but dairy has had better luck with milk contracts finishing the year on a higher note. Milk prices are looking friendlier for dairy producers, according to Rabobank. It says the current price rally has more upside potential as they expect global milk supply to lag in the upcoming months. Tightened global production and smaller stocks could prove to be a bullish story for dairy prices. The USDA is expecting US dairy product exports to more than quadruple over the next 10 years. If these expectations are met, the US would be the world's third largest dairy product exporter. This news comes after exports declined in 2015 due to hurdles like Russians banning imports of most US dairy products and weaker imports from China.

## DuPont Nutrition and Health Cultures

DU PONT NUTRITION & HEALTH has announced an increase in its manufacturing capacity — this time in Europe. The company will invest \$60 million expanding three cultures production sites in the region as a response to increasing demand for frozen and freeze-dried starter cultures from the global yogurt, fresh fermented and cheese markets.

"These initiatives for European cultures plants will further increase our ability to serve the growing global dairy market," said Matthias Heinzl, President, DuPont Nutrition & Health.

The first phase of the plan will be commissioned in 2017. Part of this project will be the increase of fermentation capacity, biomass separation as well as freeze-drying capacity. This will result in an increased production capacity for freeze-dried cultures by the end of 2018.

