

POULTRY PROTEINS+

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Poultry Associations seek extension of Animal Husbandry Infrastructure Development Fund Scheme by two years

- A special report

The Pan India Broiler Coordination Committee (PIBCC) along with the Karnataka Poultry Farmers and Breeders Association (KPFBA), the Poultry Farmers & Breeders Association of Maharashtra (PFBA-MH), the Telangana Poultry Breeders Association (TPBA), the West Bengal Poultry Federation (WBPF), the Central India Vencobb Broiler Breeder Hatcheries Association (CIVBBHA) and the Broiler Coordination Committee, Tamil Nadu (BCC-TN), has written a letter to the Secretary, Department of Animal Husbandry and Dairying, Government of India, Dr. Rajesh Kumar Singh, seeking an extension of the Animal Husbandry Infrastructure Development Fund Scheme by another two years.

The KPFBA President, Dr. B.Sushanth Rai.B said that the Scheme launched as part of the Atmanirbhar Bharat Abhiyan stimulus package has been highly beneficial to farmers by providing incentives for investments in animal husbandry infrastructure, including feed mills, hatcheries, and processing plants. The three percent interest subsidy offered through the scheme has been a significant boost for the farmers. Dr. Sushanth Rai said that the extension of the scheme, which ended on March 31, 2023, would help many more farmers to set up infrastructure projects. This initiative, he added, would also help meet the growing demand for quality animal proteins, which is essential for both farmers and consumers.





The PIBCC Convenor, Mr. Vasanth Kumar Shetty, said that 'this scheme will be a boon to the poultry farmers if it is extended further and will definitely boost poultry production in India. The sector was combating problems of production of chicken, supply and consumption issues, post CovidA and poultry farmers could not avail of the scheme.

The Chairman of the BCC-TN, Mr. R. Lakshmanan said that "by extending the scheme, the government would be helping entrepreneurs to establish infrastructure projects which would generate employment, besides adding to economic growth." Further, he requested the government to help rural economies and create employment opportunities for women in rural areas through this scheme.





The President of PFBA-MH, Mr. Sanjay Nalgirkar, expressing his concern, stated that 'the poultry industry has suffered significant losses in the last two years due to the impact of the Covid-19 pandemic. As a result, there has been no expansion in this sector during this period'. Additionally, Mr. Nalgilkar noted that 'the government has provided subsidies to support the poultry industry, but unfortunately, no one has availed of them. Therefore, he urged the government to extend this scheme for at least another year to encourage more individuals and businesses to take advantage of this subsidy program.

Mr. Sanjay Bramhankar, President of CIVBBHA said that varied overseas opportunities for India are opening up, right from the IT sector to agri sector. As per major exporters in the world, the cost of chicken and eggs from India comparatively is very low, opening up global opportunities. Companies can grab huge export orders in the future. And this is the right time the poultry sector needs Infrastructural support.





Dr. G. Ranjith Reddy, President of TPBA said in the overall interest of poultry business in the country, the government should extend the Animal Husbandry Infrastructure Development fund by at least two years and also by providing necessary subsidies.

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Editorial Board

Supreme Court stays Central Pollution Control Board orders on poultry farms

The Supreme Court on April 28 has stayed the Central Pollution Control Board order requiring poultry farms handling above 5,000 birds at a single location to obtain consent to establish (CTE) and consent to operate (CTO) under the Water Act,1974 & Air Act 1981. The Supreme Court stay order comes into effect from January 1, 2023, until further orders.

It may be mentioned here that in January 2022, the National Green Tribunal (NGT) issued guidelines for poultry farms. The Poultry Farmers and Breeders Association approached the apex court for relief. The case was heard by Hon'ble Justice Ajay Rastogi and Hon'ble Justice Bela M.Trivedi. The appellants were represented by senior advocate Mr. Mukul Rohatgi and others.

Upon hearing the counsel, the Court passed the order stating that one of the submissions raised for consideration is that as per the revised guidelines issued by the Central Pollution Control Board (CPCB) in August 2021 1 Civil Appeal

No(s). 2480/2023 followed in January 2022, the Poultry Farms handling birds above 25,000 in a single location have to obtain consent to establish and operate under the Water (Prevention and Control of Pollution), Act 1974/the Air (Prevention and Control of Pollution) Act 1981, from the respective State/Central Board. However, in the absence of further guidelines being issued by Government/competent authority and in the absence of any fact- finding report from the experts available on record, the NGT, on its own, under its order impugned has substituted the requirement from above 25,000 to above 5,000 and that was circulated by the Government under its guidelines of January, 2022. Counsel submits that in the absence of any expert report being made available, the order passed by the Tribunal in substituting the guidelines of Government of India needs to be relooked by this Court."

The apex court said the issue notice was returnable in four weeks.

Minister launches Animal Pandemic Preparedness Initiatives and

other support systems for One Health

The Union Minister for Fisheries, Animal Husbandry and Dairying, Parshottam Rupala recently launched the Animal Pandemic Preparedness Initiative and World Bank-funded Animal Health System Support for One Health to enhance India's preparedness and response to potential animal pandemics, in line with the One Health approach.

This initiative aims to enhance India's preparedness and response to animal pandemics, with a focus on zoonotic diseases that pose a threat to both animal and human health. This initiative will help to improve veterinary services and infrastructure, disease surveillance capabilities, early detection and response, build the capacity of animal health professionals, and awareness among farmers through community outreach.

The Minister said "India is home to a diverse animal species, and the livestock sector plays a critical role in the country's economy and food security. However, we are also vulnerable to threats posed by emerging and zoonotic diseases. The Animal Pandemic Preparedness Initiative is a proactive step to protect our animal resources and ensure the safety and health of our people. The Animal Pandemic Preparedness Initiative and the World Bank-funded 'Animal Health System Support for One Health' are the comprehensive efforts to address animal pandemics in a holistic manner. By strengthening our animal health systems and implementing the One Health approach, we can better prevent and control zoonotic diseases, which not only impact the health and welfare of our animals but also have significant economic impact and human health concerns."



The Minister of State for Fisheries, Animal Husbandry and Dairying, Dr L. Murugan, said that "The launch of the Animal Pandemic Preparedness Initiative (APPI) and Animal Health System Support for One Health (AHSSOH) project is a step closer to addressing the animal pandemic and preparedness to handle any unknown infections in future."

The Secretary, Department of Animal Husbandry & Dairying, Rajesh Kumar Singh stated in order to move towards preparing the system for meeting any pandemic like exigency, various actions are to be coordinated including strengthening of surveillance of disease, creating models for disease forewarning, improving R&D ecosystem and diagnostic capacities, streamlining regulatory ecosystem, providing better responses in the field and mobilizing resources. DAHD has initiated important changes for improving livestock systems and programs in the country. Animal Pandemic Preparedness Initiative or APPI is one such initiative to cover all aspects of disease prevention, control and pandemic preparedness comprehensively. The key elements include integrated disease surveillance & monitoring, early warning & response, vaccine/ diagnostics, R&D and production, and ecosystem coordination with funding and regulatory framework enablers.



PERSON OF THE MONTH: M. S. R Prasad

First generation entrepreneur's positive contribution to poultry sector

M.S.R.Prasad wears a couple of hats, as a passionate poultry entrepreneur and an educationist, steering both with consummate ease. He is a first-generation entrepreneur with close to three decades in the realm of poultry business. Prasad is the Executive Partner of Kittur Chennamma Group; Director of Anand Animal Health Pvt Ltd; and President and Correspondent, VSM Engineering College.

Prasad who graduated in computer science engineering from SRM University, however, moved away from what he had studied to venture into poultry business and grown the business to commendable heights. The initial years in the poultry sector, a capital-intensive field, had its own learning experience for Prasad. He Initially kick started his journey in 1994 as a Managing Partner of Sri Lakshmi Poultry Group, Hospet, a farm which housed 1.3 lakh commercial layer birds. By 2012, the farm had expanded phenomenally to house over 1.5 million birds.

The group, under his administration, also was one of the first farms to establish a laboratory for quality testing. This ensured quality feed, best performance of the birds which enabled robust growth of the farm. It facilitated the marketing of the best quality eggs. The group also provided employment opportunity to over 500 families. Prasad played a key role in the transformation of the poultry sector from husbandry to a technically driven industry.

With this solid 18 years of experience, Prasad took a major decision of exiting the Sri Lakshmi Group and took charge of VSM Group of Educational Institutions, which was established by his grandfather. In 2012, the VSM Group needed his services as it was running through rough weather and Prasad with all his management capabilities brought it back on track.

Even while managing the educational institution, Prasad's passion for poultry never withered away. In 2012 itself, he joined as Executive Partner of Kittur Chennamma Group which then housed 2.5 lakh birds and now it has gone up to 6.5 lakh birds. Gradually he extended his purview into broiler breeding and integration.



Prasad has played a seminal role in the development of the poultry sector but also gave a holistic approach in rearing livestock. His relentless love for biology and nutrition has allowed him to see through various intricacies and overcome several challenges, including legal and some were to do with governmental issues which were resolved eventually, which became a lesson for other budding entrepreneurs.

Prasad is also the zonal chairman (Hospet zone) of the National Egg Co-ordination Committee or NECC and he continuously strives to bring in unity among the farmers and ensure that the market prices are fair. He played a key role in establishing a single window which was a hallmark union of farmers producing over 50 lakh eggs per day in Hospet.

He along with his wife M. Aruna Devi and Dr. S.R. Anand are the directors of Anand Animal Health Private Limited, distributors of IDEXX laboratories, a US based company, a pioneer in pet health care innovation and laboratory testing kits.

#01



LAYERS & BREEDERS

- Improved bone mineralization in young birds
- Optimizes Calcium & Phosphorus utilization
- Increases bone strength
- Improved egg shell quality
- Improved hatching egg selection
- Improved hatchability in breeders
- Effectively prevents & controls leg weakness
- Improved egg production
- · Aids in preventing 'cage layer fatigue'





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- Effectively prevents & controls leg weakness
- Well developed frame improves FCR
- Improved weight gain
- Better Calcium & Phosphorus metabolism





ADDRESSING MYTHS AND RUMORS REGARDING CHICKEN MEAT & EGG

Eggs are non-vegetarian and cannot be consumed by vegetarian?

Eggs are two types, Fertile eggs (that contains embryo) and sterile/table eggs (that contains no embryo).

All the eggs available in supermarkets, restaurants etc. are sterile eggs that means in any case they contain no embryo or chick. These eggs are table eggs and are equally considered as milk.

Milk also contains animal cells same as in eggs.

Fertile eggs are not available in market for consumption and only used for hatching chicks.

Courtesy:

ICAR – Central Avian Research Institute





Numbers of samples processed for the FY2022-23

SI No Test Details FY 22-23 1 NIR SCANNING Sept-22 to Mar -23 BROILER FEED 151 DDGS 26 DORB 26 FULL SOYA FAT 3 GROUNDNUT CAKE 31 LAYER FEED 57 MAIZE 24 MAIZE GLUTEN 2 MEAT AND BONE MEAL 10 POULTRY MEAL 1 RAGI 0	FY 23- 24 Apr-23 24
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LAYER FEED 57	
MAIZE 24 MAIZE GLUTEN 2 MEAT AND BONE MEAL 10 POULTRY MEAL 1 RAGI 0	6
MAIZE GLUTEN 2 MEAT AND BONE MEAL 10 POULTRY MEAL 1 RAGI 0	14
MEAT AND BONE MEAL 10 POULTRY MEAL 1 RAGI 0	2
POULTRY MEAL 1 RAGI 0	
RAGI 0	
DADE CEED AAFAL	
RAPE SEED MEAL 31	7
RICE 3	
RICE POLISH 4	
SCANNED EROR 3	
SOYABEAN MEAL 165	6
SUNFLOWER 8	4
Turmeric 1	
2 POST MORTEM Examination (Autipsied) 208	30
3 MYCOTOXIN 28	4
4 MICRO BIOLOGY 5	
5 WATER SAMPLES Quality 19	1
6 UREASE ACTIVITY 7	2
7 FECAL SAMPLE 9	
8 FEATHER 2	1
TOTAL 824	1







List of tests done at KVFSU-KPFBA Laboratory

1. Nutritional profiling of poultry feed and Raw materials by NIRS

- a. Proximate analysis(Moisture, Dry matter, Crude fibre, crude fat, crude protein)
- b. Amino Acid profile in raw materials
- c. Fatty acid profile in Raw materials
- d. Data on energy value
- e. Data on Standardised ileocecal digestibility of amino acids
- f. Urease activity in soysbean meal

2. Pathology

a. Post mortem examination of dead birds

3. Microbiology

- a. Microbial identification
- b. Total coliform in water and feed
- c. Total bacterial count in feed and water
- d. Total mold count in feed
- e. Antibiotic sensitivity test*-to be introduced

f. Rapid plate test for salmonella

4. Parasitology

- a. Macroscopic examination of faces for parasite identification
- b. Egg count in fececs

5. Mycotoxin; Quantitative detection in feed and raw materials by lateral flow method

- a. Aflatoxin
- b. Ochratoxin
- c. T2 Toxin
- d. Zearlononne
- e. Fuminosin

6. Water quality indicator test

- a. PH
- b. Total Dissolved solids(TDS)
- c. Total viable bacterial count
- d. E.coli count in water

Contact person: Dr.B.Umakantha, Senior Scientist

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RECIPE: CHICKEN FALAFEL

Corporate Chef Gunjit Singh Chawla has come up another amazing recipe – Chicken Falafel, giving a twist to Mediterranean cuisine.

INGREDIENTS:

- 200 gm minced chicken, washed and drained;
- 4 gm jeera or cumin powder;
- 4 gm dhania or coriander powder;
- 2 gm salt and
- 2 gm Baharat Middle Eastern/Arabic spice blend/



FOR THE FALAFEL MIXTURE:

200 gm kabuli channa or chickpeas, soaked overnight; 25 gm ginger; 25 gm garlic; 50 gm onions; coriander; parsley; 5 gm jeera; 5 gm chaat masala; 3 gm garam masala; 3 gm haldi; 2 gm green chillies; salt to taste, about ½ tsp; water and oil.

For the chicken mixture, in a bowl, mix the minced chicken with the jeera powder, dhania powder, Baharat spice blend. Add the salt and mix well.

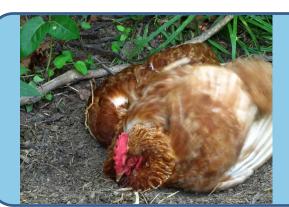
For the falafel mixture, rinse and drain the presoaked chickpeas; chop the ginger, garlic, onion, parsley, coriander leaves and green chilly; transfer to a mixer/blender along with the chickpeas and blend till fairly smooth, with very little or ideally no water. Add the lime juice, jeera powder, chaat masala, garam masala, turmeric powder, salt and blend again.

For the chicken falafel, in a bowl, combine the chicken mixture with the falafel mixture. Divide into three equal portions and, using your hands, shape each portion into a kebab-shaped logs, about 1-inch in diameter and 4 inches long. Heat the oil in a frying pan over medium heat. Shallow fry the falafels, flipping, till golden brown and the insides are cooked. Drain onto a tissue or paper towel-lined plate.

SERVING:

To serve, place a warmed pita bread on a plate; Spread 1-2 tbsp of the harissa sauce and 1-2 tbsp hummus. Place the fried falafels over it. Garnish with the crumbled feta cheese, chopped coriander, pomegranate arils. Add a side of shredded green salad and the lemon wedges. Serve with the tzatziki dip

CHICKEN TRIVIA



When a chicken picks up a piece of food and rubs it on the ground to break off small pieces, it's called "beak beating.



Usually, chickens with white earlobes lay eggs with white shells. Chickens with red earlobes lay eggs with brown shells.



Avian influenza also known as bird flu is extremely contagious and can make chickens very sick and kill them. The highly pathogenic form of the disease can kill off 90 to 100 percent of birds in a flock in just 48 hours.

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