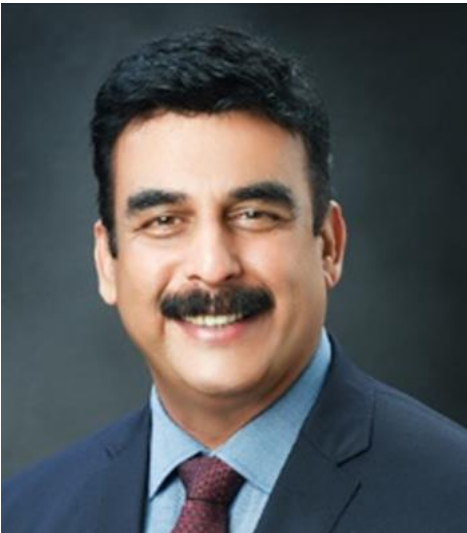




Karnataka Poultry Sector Needs Support; KPFBA’s appeal to members

By Dr. Sushanth Rai, President, KPFBA



Karnataka produced over 139 thousand metric tons of poultry meat in fiscal 2019. This was a phenomenal increase from 18 thousand metric tons in fiscal year 2008. Karnataka accounted for over three per cent of poultry meat produce in the country between 2008-2019. As for as poultry population, the 20th livestock census mentions that Karnataka saw 11.33 per cent change from 53.4 million in 2012 to 59.5 million in 2019.

Tamil Nadu and Andhra Pradesh top in poultry population

However, Tamil Nadu and Andhra Pradesh are way ahead in poultry production, thanks to the eco-system the states have developed. The percentage change in some of the states is staggering. The highest percentage change is in Assam (71.63 per cent) with poultry population touching 46.7 million in 2019 from 27.2 million in 2012. West Bengal saw percentage change of 46.3 with the population increasing from 52.8 to 77.3 million. The poultry population in neighbouring Andhra Pradesh increased from 80.6 million to 107.9 million, a change of 33.85 per cent. Tamil Nadu which takes the top spot had a marginal change of 2.92 per cent, going up from 117.3 million to 120.8 million.

These states have done exceptionally well, thanks to a strong industry and industry associations which have made governments take notice of the poultry sector as key revenue and employment generator.

Enabling Policy Environment Needed

As commercial poultry is a sustainable option for income generation for a large number of smallholders in rural areas, it is essential to provide an enabling policy environment which encourages the collectivization of smallholders. This calls for innovations in policy and institutional frameworks.

KPFBA Working in That Direction

Karnataka too has an enabling environment but we need more support not just from the government but also from relevant stakeholders. The Karnataka Poultry Farmers and Breeders Association (KPFBA) is working in that direction, trying to ensure that the regulatory environment is conducive; trying to ensure that the

sector has access to technological advancements; trying to ensure that the sector has the required skillsets; trying to ensure that the markets are equitable and more.

In this effort, the KPFBA has been interacting with government officials at different levels; has been organising conferences, seminars, training workshops; has been participating in trade events; has been working on improving research facilities etc.

Membership renewal request

All these efforts require, not just funds but also the participation of members. My first request is to renew your membership as each and every contribution helps us in not only running the KPFBA but also in outreach, all in the overall interest of the poultry sector. The KPFBA places on record its appreciation to all members who have supported the KPFBA every which way, financially and otherwise.

Membership Renewal: We kindly remind you that it's time to renew your membership with KPFBA by paying the annual subscription fee, which is calculated based on the number of female Parent Stock chicks purchased by your firm/company during the financial year 2022-2023. We urge you to make the necessary payments at the earliest.

New Members: Furthermore, we warmly invite all non-members who have not yet joined the KPFBA to enroll as members. We firmly believe that working together can create a significant impact on the poultry sector. As a member, you will have access to various benefits and networking opportunities with other professionals in the field. Don't miss out on the chance to be a part of our dynamic community.

....Continued in pg 04.

'Two Day Refresher Course on Poultry Health' for PG Students from Veterinary College, Hebbal.

The Karnataka Poultry Farmers and Breeders Association (KPFBA) organised a two-day refresher course on 'Poultry Health' on February 13 & 14 at Dr. G.B Puttannaiah Learning Center, KVAFSU-KPFBA Poultry Training Centre, and Diagnostic Laboratory, Veterinary College Campus Hebbal, Bengaluru.

The programme was targeted for postgraduate students of the veterinary college, Hebbal, Bangalore who have opted for specialization in animal sciences. It was designed to meet the educational needs of the poultry sector, providing scientific and technical updates to improve commercial poultry production and health.

The programme was inaugurated by KPFBA President, Dr. Sushanth Rai. B, who urged the students to constantly keep updating their knowledge base as technology adoption has become key to growth.

Day one saw interesting presentations starting with that of Dr. Umakantha B, Senior Scientist, KPFBA on **"Necropsy procedure and collection of specimens for confirmation of disease"**; by Dr. Jayanth Deshpande on **"Gut Health, Disorders with a special emphasis on necrotic enteritis (NE), Coccidiosis, and Mycotoxicosis"**; by Dr. Sanjeev Associate Professor, IAHVB, Bangalore on **"Emerging**

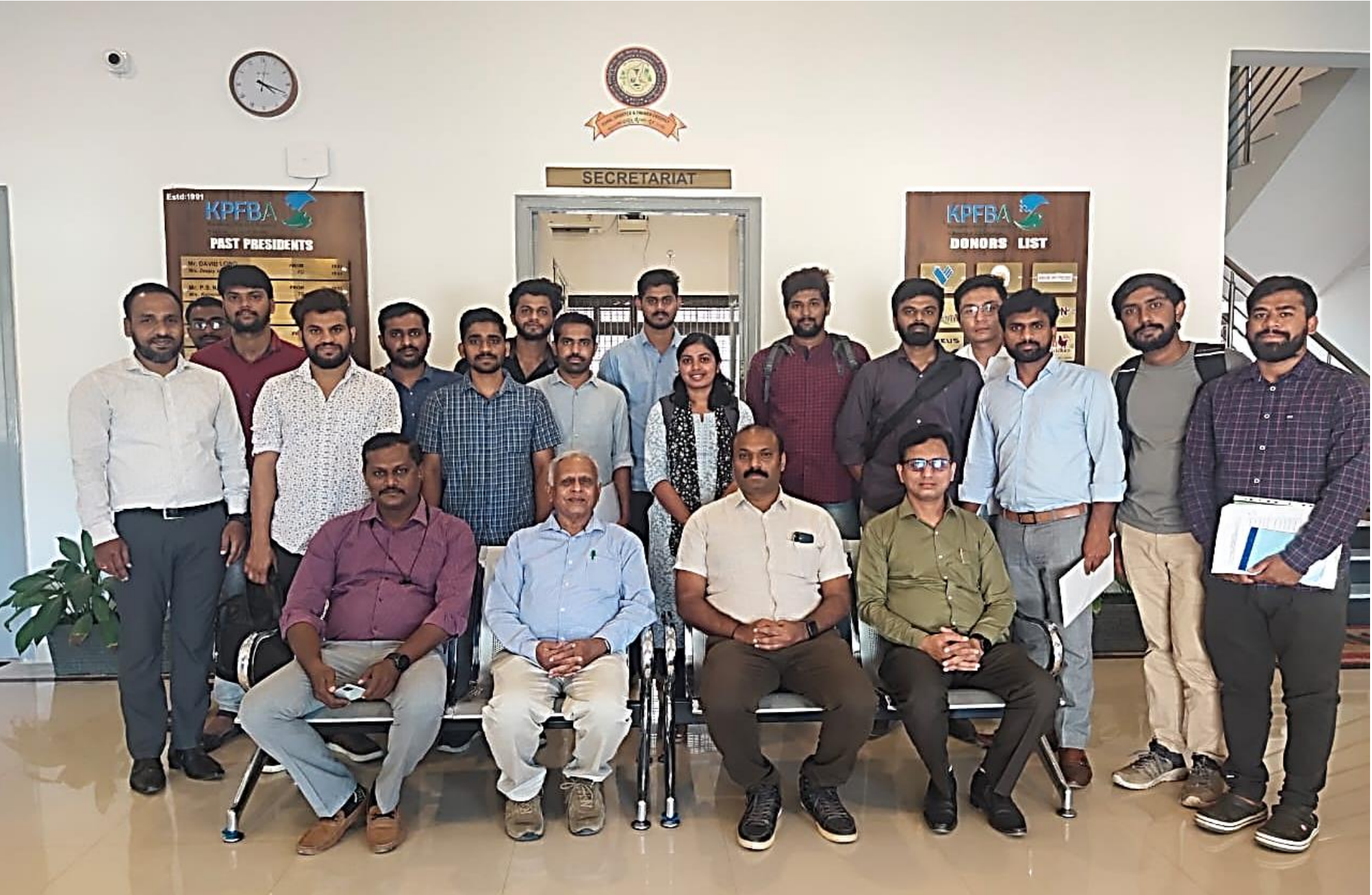
Viral Diseases of Poultry"; by Dr. A. S Darur on **"Prevalent Diseases and mortality associated with cage system of rearing"**, and by Dr. Prakash B. Reddy, DGM – Technical, VHPL on **"Medications and Vaccinations in Poultry"**.

The second day started with a presentation on **"Importance of Soft Skills"** by Dr. G. Gopal Reddy; followed by Dr. Anil Kumar S, (Microbiology) PDRC, Bangalore on **"How to carry out field investigation of disease outbreaks and poor production performance"**; by Dr. Arun Kumar Rai MD, Bharath Agrovvet on **"Disease Management in Antibiotic-Free Production"** and by Dr. Shankar B.P Assistant Professor, IAHVB, Bangalore on **"Avian Flu - Current Status in India, confirmation, Control, and Containment"**.

Thirty Post Graduate students from the Veterinary College, participated in the free training programme and the participants were given course completion Certificates.

Dr. Umakantha B, Senior Scientist, KPFBA coordinated the programme and Mr. Inayath Ulla Khan, Executive Secretary, KPFBA proposed a vote of thanks.





THEORY

PRACTICAL



Basic Animal Husbandry Statistics 2022 Released

The Union Minister for Fisheries, Animal Husbandry and Dairying (FAHD) Parshottam Rupala unveiled the department’s annual publication, the ‘Basic Animal Husbandry Statistics 2022’ on March 15. The Minister congratulated Animal Husbandry Statistics Division for the publication stating that it was an important source of information in the field of livestock.

The publication gives an overview of Animal Husbandry sector briefly in terms of important livestock statistics on livestock population, livestock production and other information like animal diseases,

infrastructure etc. It is the primary source of data on production estimates of four major livestock products (MLPs) like milk, eggs, meat and wool for the year 2021-22 and other technical aspects of Integrated Sample Survey (ISS).

In addition to the production estimates, it also contains data of secondary information like livestock population as per latest 20th Livestock Census, import and export data of livestock and livestock products, incidence of livestock disease, infrastructure and economic contribution of the livestock sector.

The highlights of “Basic Animal Husbandry statistics 2022” are:

- i. Total milk production in the country during 2021-22 is 221.06 million tonnes.
- ii. Milk production has registered an annual growth rate of 5.29%.
- iii. Top five milk producing States are Rajasthan (15.05%), Uttar Pradesh (14.93%), Madhya Pradesh (8.06%), Gujarat (7.56%) and Andhra Pradesh (6.97%).
- iv. Total egg production is 129.60 billion nos, an increase of 6.19% compared to previous year.
- v. Five major egg producing States are Andhra Pradesh (20.41%), Tamil Nadu (16.08%), Telangana (12.86%), West Bengal (8.84%) and Karnataka (6.38%).
- vi. Total meat production is 9.29 million tonnes with an annual growth rate of 5.62%.
- vii. Five major meat producing States are Maharashtra (12.25%), Uttar Pradesh (12.14%), West Bengal (11.63%), Andhra Pradesh (11.04%), and Telangana (10.82%).
- viii. Total wool production is 33.13 thousand tonnes, a decline by 10.30% as compared to previous year.
- ix. Five major wool producing States are Rajasthan (45.91%), Jammu and Kashmir (23.19%), Gujarat (6.12%), Maharashtra (4.78%) and Himachal Pradesh (4.33%).
- x. Per-capita availability of egg is 95 nos/annum increased by 5 nos/annum over previous year.
- xi. Per-capita availability of meat is 6.82 kg/annum, increase of 0.30 kg/annum over previous year.

The publication may be accessed at this link <https://dahd.nic.in/schemes/programmes/animal-husbandry-statistics>

Continued from pg 01.

Karnataka Poultry Sector Needs Support; KPFBA’s appeal to members

Please note that the subscription fee is calculated as follows:

1. Up to 100,000 Females – ₹25,000 per year + 18% GST = ₹29500/-
2. 100,001 & above – 0.25 paise per female, not to exceed (maximum) ₹250,000 per year + 18% GST

Please remit your subscription fee through IMPS/NEFT/RTGS and send us the payment and female Parent Bird purchase details for FY 2022-2023. This will help us maintain accurate records of your membership status and provide you with better services as a valued member of KPFBA.

- A/c. Name : Karnataka Poultry Farmers & Breeders Association
- A/c. No : 520141000604697
- IFSC Code : UBIN0907472
- Bank : Union Bank of India; Branch : Vasanth Nagar, Bangalore

Your prompt response and timely completion of the membership renewal process would be greatly appreciated. We kindly request that you also clear any outstanding Single Window and Past Subscription dues, if any, without delay. We look forward to serving you better in the coming year. For details, you may contact Mr. Inayath Ulla Khan, Executive Secretary on 9886730997.

PERSON OF THE MONTH:

M. Munireddy, the agriculturist, industrialist, social activist and more

India is seeing a phenomenal growth of individuals who are more than entrepreneurs, however big or small the scale may be. They are visionaries. They are forward thinkers. They are inclusive in their approach. They are progressive. One such individual is Mr. M.Muni Reddy who is an amalgamation of a passionate agriculturist, enterprising entrepreneur, advocate of cooperative movement, and self-less social activist.

Muni Reddy is one of the promoters of Monarch Hatcheries Pvt Ltd which in its nearly three decades has made a significant impact in the poultry sector. The other promoters of the company which started in 1996 include Mr. R.C.Shivashankar and Mr. Gopal. But it is the leadership of Muni Reddy, as the Managing Director, the company has scaled new heights. From starting off as a company selling hatching eggs, Monarch Hatcheries under the guidance of Muni Reddy is now in a firm position to offer multiple products, having diversified as day old chick supplier and producer of commercial broiler birds. It is a pioneer in the sector as one of the leading suppliers of best day-old chicks, having earned the trust of farmers who rely on the quality of the chicks for growth. The company recently implemented a one-megawatt solar power plant, under his management, a step towards becoming environment friendly and sustainable operations.

Muni Reddy has led from the front and his company has been benefiting from his strategic thinking and approach. Not only did the company establish itself as a poultry supplier but also moved into distribution of agricultural inputs such as fertilizers, plant protection items and agricultural tools, all addressing the needs of the farming community. The company under his stewardship has become one of the largest retail brands in this realm in Bangalore district.

Not just the growth of Monarch is Muni Reddy interested in, but the poultry sector, per se. He is a very active member of the Karnataka Poultry Farmers and Breeders Association (KPFBA), serving on many committees and contributing significantly to not just the KPFBA but also to the community at large.

As a firm believer of “service is what life is all about”, he is a man with incomparable skills and talent. This motto of life has led him to adopt 18 villages for their betterment, resulting in 100 per cent strike rate in health and education in these villages. Social service has always been an integral part of his life and he’s worked with well-known individuals such as Mr. N C Nanaiah, Mr. D M Chandra Shekhar, Mr. Nittur Srinivasa Rao and Mr. M N Venkatachalaiah towards society’s welfare. He has been associated with the People’s Trust for the last 20 years that aims to serve the society by providing the means for a better life.

As the President of the Mahayogi Vemana Credit Co-operative Sangha, Yelahanka for the last 10 years, he has been the driving force of the society that is now recognised as one of the most successful cooperative societies in this part of the state. His strict discipline and unwavering work ethics has contributed to making the cooperative society the most trusted in the society. Leadership combined with social cause can transform organisations, a philosophy in which Muni Reddy firmly believes in.



Poultry Innovations

Biosint Nutraceuticals' Tupcin Forte

Biosint Nutraceutical's Tupcin Forte is a proven combination of various immunity alternatives and nutrients that helps to optimize the growth performance and efficiency of the bird in today's immuno-challenging environment.

It is a novel Immunomodulator specifically developed for poultry that helps fight the infection more effectively and efficiently by improving defense mechanisms. This Immunomodulator activity helps the chicks towards better livability, better growth, and also it minimizes early chick mortality. One of the specialties is it helps in improving early weight gain, which is highly beneficial to the customers. The specialty ingredients in Tupcin Forte act as an antiviral against all enveloped viruses, reducing the viral load in the birds' system.

The immunomodulatory and antiviral peptides in Tupcin Forte induce quick protection against all kind of viruses especially enveloped ones. Micronutrients in Tupcin Forte induce immunostimulatory effect to surmount stress in adverse farming conditions. The immunomodulatory compounds in Tupcin Forte stimulate immune organs for active innate immunity. It amplifies primary and secondary immune response during infection by activating immunity and relieving disease induced stress. The bioactive compounds in Tupcin Forte improves immune response during vaccination.

Tupcin Forte minimises antibiotics usage. Compatible with all commonly used drugs. Non-toxic at higher dose rates. Enhances microbial immunity & reduces mortality during infection. Helps controlling early chick mortality. Amplifies immune response during vaccination.

Cevak Broiler ND K protection against Newcastle disease

Ceva Polchem's poultry range includes innovative biosecurity and feed additive products as well as vaccination services for hatcheries and farms. Keeping in line with the theme of biosecurity Polchem developed some innovative products based on biodegradable chemicals and bacterial consortia to keep the farm environment clean. Also, products to aid effective vaccination of birds and provide early nutrition to day old chicks in transit have been developed by Polchem's R&D team.

Inactivated oil emulsion concentrated La Sota strain vaccine for the immunization of young chickens against Newcastle Disease. Cevac Broiler ND K contains the La Sota strain of Newcastle disease virus, in inactivated and concentrated form, homogenised with oil adjuvant.

DID YOU KNOW?

CHICKEN Powers Your Body

Dark and white meat chicken contains vitamin B12 and choline, which together promotes brain development in children, help the nervous system function properly and aid cognitive performance in older adults.

SUN-Vit D₃



BENEFITS

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'

BROILERS

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



Numbers of samples processed for the FY2022-23

Sl No	Test	Details	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
1	NIR SCANNING									
		BROILER FEED		19	35	33	19	18	27	151
		DDGS		2	8	9	4	3		26
		DORB		3	5	8	3	3	4	26
		FULL SOYA FAT			1	1	1			3
		GROUNDNUT CAKE		1	5	7	4	4	10	31
		LAYER FEED	1	1	10	7	9	16	13	57
		MAIZE	2	7	3	5	4	3		24
		MAIZE GLUTEN				2	0			2
		MEAT AND BONE MEAL			2	4	2		2	10
		POULTRY MEAL			1		0			1
		RAGI					0			0
		RAPE SEED MEAL		1	5	7	4	4	10	31
		RICE		1	1		0	1		3
		RICE POLISH			1	2	1			4
		SCANNED EROR			3					3
		SOYABEAN MEAL	2	5	12	52	27	51	16	165
		SUNFLOWER		1	1	1	1	1	3	8
		Turmeric					0		1	1
2	POST MORTEM Examination	(Autipsied)				1	58	102	47	208
3	MYCOTOXIN				8	9	1	7	3	28
4	MICRO BIOLOGY					1		3	1	5
5	WATER SAMPLES	Quality					4	15		19
6	UREASE ACTIVITY								7	7
7	FECAL SAMPLE						5		4	9
8	FEATHER								2	2
		TOTAL	5	41	101	149	147	231	150	824

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
- 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

Address: Karnataka Poultry Farmers & Breeders Associagtion, Kvafsu-kpfba Poultry Training And Diagnostic Center, Veterinary College campus, Hebbal Bangalore-560024

Email: Kpfbalabs @poultrykarnataka.net , umakantha.bettaiah@gmail.com

Mobile: 9886894520 / 7892753834

RECIPE: Kerala Style Chicken Roast

Marination

- 1/4 tsp Turmeric powder;
- 1/4 tsp Chilli powder;
- 1/4 tsp Coriander powder;
- 1 tsp Vinegar/lemon juice;
- 5 Garlic cloves;
- 3-5 Green chillies;
- Salt to taste
- to taste Salt.
- Make paste and marinate chicken for one hour.

Roasting:

- 3 medium Onions;
- 1 large Tomato (pureed), blanched;
- 2 Green chillies (slit);
- 3 sprigs Curry leaves;
- 1/4 tsp Garam masala powder;
- 1/4 tsp Pepper powder;
- 1 Lemon (juiced); and
- Oil

Preparation

- Cut onions into very thin slices and fry in hot oil. Drain them and keep aside.
- Fry the chicken pieces in the same oil until almost done. Drain them and keep aside.
- Heat 2 tbsp of same oil in another pan. Add slit green chillies and curry leaves. Saute for 1 minute.
- Add the tomato paste to this and saute for 1 minute. Now add the prepared chicken & roast until it is dry.
- Sprinkle garam masala & pepper powder and mix well.
- Add lemon juice and mix well. Check for salt. Add the fried onions and mix well.



CHICKEN TRIVIA



Chickens form complex social structures known as “pecking orders” and every chicken knows his or her place on the social ladder.



Eggs have about 6 grams of high-quality protein in them.



What is the (usually) red, fleshy part on top of a chicken's head called?
It is called 'Comb'. Most combs are red and they are generally larger in cockerels than hens.

Get poultry updates in your mail directly.
To subscribe the newsletter, please fill the form by scanning the QR

