

Rs. 60/-

MONTHLY

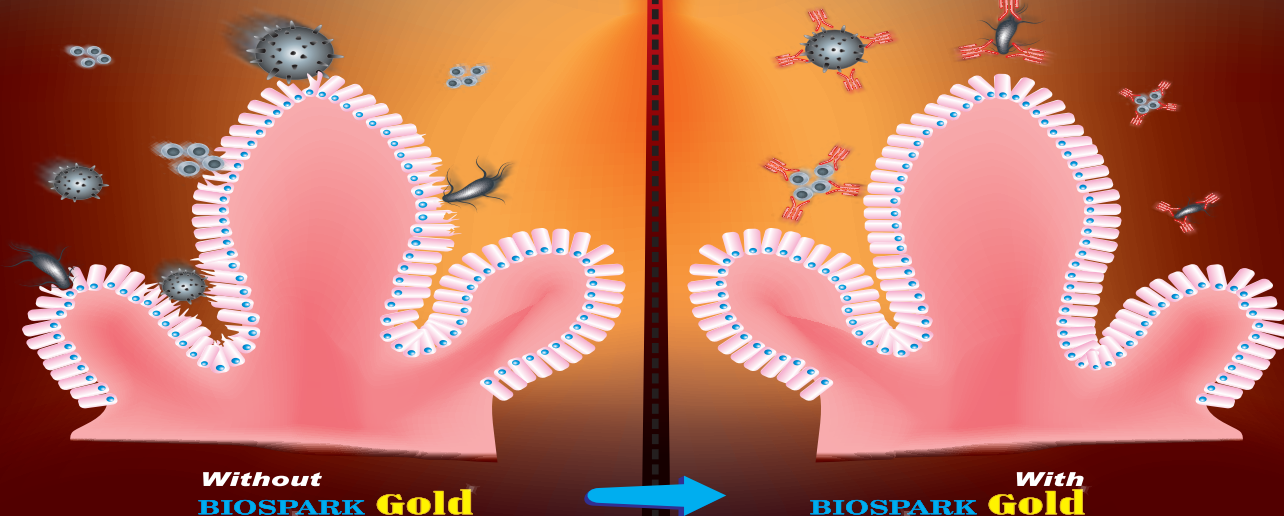
POULTRY PUNCH

25, Thyagraj Nagar Market, Near Thyagraj Stadium, New Delhi - 110003
Phone: +91-11-24617837 • Mobile: 9312700599 Email: ppunch@rediffmail.com
www.thepoultrypunch.com

December 31, 2019 Volume 36 No. 2 130 Pages Including Cover



POTENTIAL IMMUNOSTIMULANT



Immunostimulant Effect results in Strong Body Defense System and Protect the Bird from Immunosuppressive Diseases

BIOSPARK® Gold

Poultry Feed Supplement

For further information please contact :

VENKY'S (INDIA) LIMITED
ANIMAL HEALTH PRODUCTS DIVISION
An ISO 9001 Certified Company

"Venkateshwara House", S.No. : 114/A/2, Pune - Sinhagad Road, Pune - 411 030 (India) Customer Care No.: +91-20-24251803
Fax : +91-20-24251060 / 24251077 www.venkys.com e-mail : ahp@venkys.com

*We thank all the stakeholders
who have helped us during
our journey*

20 YEARS

of

INTERFACE PHARMACEUTICALS PVT. LTD.

**THE COMPANY SUCESSFULLY IMPLEMENTED
IMMUNOMODULATION FOR POULTRY**

**Millions of birds are “on our products”
and giving profit to our farmers**



INTERFACE PHARMACEUTICALS PVT. LTD.

An ISO 9001 : 2015 (QMS) & WHO GMP, HACCP, ISO 22000 : 2005 (FSMS) Certified Company, CIN NO.: U24232DL1999PTC100229

A-4, First Floor, Mayapuri Industrial Area, Phase - I, (On Govt. Ware House Road) New Delhi - 110064

Regd. Office : EA- 180, Maya Enclave, New Delhi - 110064, (INDIA)

Phone : +91 11 4004 7455, 4004 7655 Fax : +91 11 2811 2753

e-mail : interfacepharma@gmail.com, website : www.interfacepharma.com

Why?

Immunomodulation in Layers

It saves 2 to 2.5 kg feed per bird (Earning of ₹40 - ₹50)

It brings down the mortality (more birds to lay)

It gives minimum 7-10 egg extra than the standard (Earning of ₹28 - ₹40)

It prevents antibiotic abuse (saving of another ₹4 - ₹5)

In total one earns ₹100 to ₹125 extra per bird upto 72 week

Cost of production per egg reduces by 18-22 paise



INTERFACE PHARMACEUTICALS PVT. LTD.

An ISO 9001 : 2015 (QMS) & WHO GMP, HACCP, ISO 22000 : 2005 (FSMS) Certified Company, CIN NO.: U24232DL1999PTC100228

A-4, First Floor, Mayapuri Industrial Area, Phase - I, (On Govt. Ware House Road) New Delhi - 110064

Regd. Office : EA- 180, Maya Endave, New Delhi - 110064. (INDIA)

Phone : +91 11 4004 7455, 4004 7655 Fax : +91 11 2811 2753

e-mail : interfacepharma@gmail.com, website : www.interfacepharma.com



INTERFACE
PHARMACEUTICALS PVT. LTD.

RECRUITMENT

Interface Pharmaceuticals Pvt. Ltd., a 20 years experienced company in poultry and livestock sector, and an industry leader in immunomodulation, is looking for dynamic people to join under its market expansion program. The vacancies open for recruitment are as follows:

JOB PROFILE No. 1

Designation	Headquarter	Experience Required	Minimum Qualification	CTC
Regional Sales Head (South India)	Bengaluru / Hyderabad / Coimbatore (Any one of the following)	12 – 20 years (in poultry medicine and nutraceutical sales)	MBA / M Sc/ BVSc / MVSc or any equivalent degree	Better than industry standards

JOB PROFILE No. 2

Designation	Headquarter	Experience Required	Minimum Qualification	CTC
Executive (Sales) / Assistant Manager (Sales) / Zonal Manager (Sales)	Uttar Pradesh, Bihar, Maharashtra, Tamil Nadu, Karnataka, Madhya Pradesh, Telangana, Andhra Pradesh.	3 – 10 years (in poultry medicine and nutraceutical sales)	BA/ MA/ B Sc/ M Sc/ BVSc/ MVSc or any equivalent degree	Better than industry standards

Interested professionals please share your CV on
interfacepharma.recruitment@gmail.com

THANK YOU

FOR SUCH A HUGE RESPONSE



13th Poultry

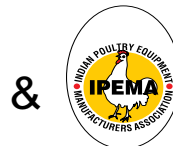


ASIA'S LARGEST INTERNATIONAL POULTRY EXHIBITION

FOR YOUR OVERWHELMING RESPONSE & EXPECTING THE SAME FOR

25 26 27 Nov. 2020

Organised by: E Executive, A Advisory, C Committee



Unit No - 403, Westend Mall, Road No - 36, Jubilee hills, Hyderabad - 500 033, Telangana. Phone: 040-29564413/14/15 Email: info@poultryindia.co.in URL: www.poultryindia.co.in

Electric Carbon Fiber Heater

IPX4

Water Proof

diameter 40 cm

**1300W
1050W**

Safe & Eco-Friendly Heater

One Touch Replacement

**No Carbon Monoxide(CO)
No lack of Oxygen**

HEALTHIER Chicks!

CLEANER Farm!

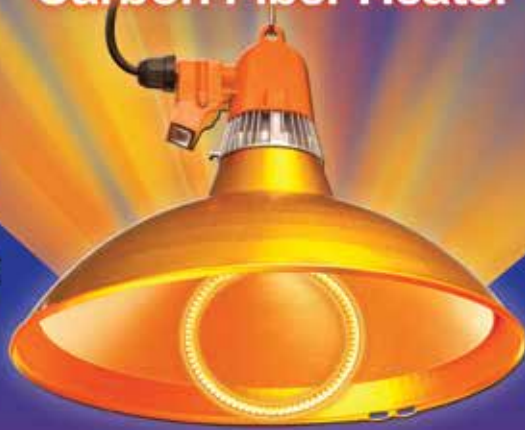
“Simple is Beautiful! It's the Solution!”

www.interheat.com

interHeat
인 터 히 트

REVOLUTION of HEATER

Carbon Fiber Heater

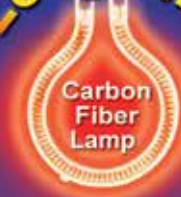


**Thermostat
Controller**



**Easy control!
Energy saving!**

**Extremely
Long Life**



**Warranty 1 year
Use 2 years**

Safety Function

When Carbon Fiber Heater falls down and turns over, **Automatic Power-off!**
↳ **Fire prevention!**



ON



OFF

30°



OFF



Less Sickness

Simple Maintenance

➔ **Decrease Mortality Rate**

➔ **Increase Productivity**

interHeat

interheat@interheat.com

EXCELLENT CHICK NUMBERS



- ✓ SUITABLE FOR BOTH DEEP LITTER/CAGE MANAGEMENT
- ✓ EASY TO MANAGE
- ✓ POST 40 WEEK PERSISTENCY
- ✓ GOOD EARLY EGG WEIGHT
- ✓ EXCELLENT HATCHABILITY

Call : +9194425 93727
+9194425 93700
Email: india@aviagen.com

Aviagen
India

ROSS

Single Copy : Rs. 60/-
(Postage inclusive)

SUBSCRIPTION RATES:

One Year Rs. 800/-
Three Years Rs. 2000/-

FOREIGN:

One Year USD 100

(By Air Mail)

B. S. RANA

Editor & Publisher

Yogesh Kumar

Associate Editor

Ms Shalini

Magazine Planning

EDITORIAL BOARD

Dr. S.V.S.Verma Izatnagar

Dr. D. Narahari Chennai

Dr. R. N. Sreenivas Gowda Bangalore

Dr. K.L. Supra Punjab

Dr. D. Sapkota Assam

Dr. M. M. Chaudhari Aurangabad

Dr. B G Mane Palampur (HP)

Dr. A. A. Khan (Srinagar) J & K

Dr. M. M. Chawak Pune

Dr. Niranjan Kalita Assam

Dr. Jyoti Palod Pantnagar

Dr. Vivek Bharadwaj

Dr. Amandeep Singh Bareilly, UP

VAISHALI Administration

PANKAJ RANA Sales Manager

POULTRY PUNCH MONTHLY

25, THYAGRAJ NAGAR MARKET,
NEW DELHI-110 003, INDIA
TEL. OFF: 011-24694539, RES: 011-24617837
E-mail : ppunch@rediffmail.com,
ppunch25@gmail.com
Web : www.thepoultrypunch.com

News in this issue

The launch of Kemin Prerna..... 16
Vaksindo forays..... 20
Zoetis engages on the..... 28
Aviagen India Continues..... 32
Vamso Biotec Participates..... 34
Glimpse of Poultry India 38
BIOMIN R&D Head Gerd..... 40
EW Nutrition highlights..... 42
IPJA honours Alltech founder 46
Alltech launches 5th annual 48
Dun & Bradstreet..... 50
Lumis Enzymes Hyderabad..... 52
IBC & LIPTOSA Agreement..... 54
IPJA felicitates 58
Knowledge Day aims at 76
Victam and Animal Victam and Animal..... 92
13th edition of Poultry India 94
Govt plans meat, chicken and eggs119

Articla in this issue

Synbiotics and Gut health 120
EFFICIENCY OF METAL PROPIONATES 125



POULTRY PUNCH may not necessarily subscribe to the views expressed in the advertisements and articles published herein - Editor



LUMIS ENZYMES

www.feedenzymes.com



info@feedenzymes.com

**"Unique Single and Customized Multi-Enzyme Complex
Specially Designed for the Indian Feed"**

Exclusive distributor:

for Pan India:

VETSFARMA LIMITED

Jalandhar



for West Bengal:

EASTERN MEDICARE

Kolkata



EDITORIAL

Anticipate losses minus biosecurity

Poultry production these days have become a very scientifically adhered production process wherein biosecurity has been of prime concern. Poultry production under the integrated fold do adhere to all specified production process like: Biosecurity, Good Manufacturing Process (GMP) and Hazard Analysis at Critical Control Points (HAACP) norms but the ones outside the integration fold have cared less to strictly implement biosecurity measures.

Biosecurity should be applicable to the entire poultry production process, right from the purchase of Day-Old-Chicks till the marketing stage. Biosecurity is applicable in the entire infrastructure of the farm encompassing watering, feeding, litter management, feed storage, medication, farm personnel hygiene, ventilation, sanitation and a lot more.

Biosecurity measures are mandatory to attain optimum quality production for any entrepreneur. A compromise in biosecurity leads to massive mortality thereby causing heavy losses at the farm. A round the clock veterinarian should always be available at the farm. In case of disease outbreak, the farm manager should immediately separate the affected flock from the non infected birds to check the rapid transmission of disease. Even at the entrance of the poultry farm there should always be the provision of foot dip of the person and the vehicle to curtail the incoming infection. No product can claim quality if biosecurity has been compromised. Biosecurity is good for the bird health and also for the personnel working at the farm.

There is no doubt that strict adherence to biosecurity leads financial inputs but this can be done to avoid future losses and will definitely fetch a peace of mind.



-Editor

Attention Readers

Now get POULTRY PUNCH MAGAZINE at your finger tips. The mobile application has been developed and you can download it from PLAY STORE in your mobile simply by typing THE POULTRY PUNCH and then install it in your mobile. Now when you click on the The Poultry Punch icon, you can go through the entire soft copy of the magazine in one go.

This way you can keep yourself updated on the latest know-how on poultry. The news and articles displayed are very informative.



Thanks
B.S. RANA

25, Thyag Raj Nagar Market, New Delhi – 110003 - INDIA
Phone: 011 24694539, 24617837 Mobile: +919312700599
Email: ppunch@rediffmail .com / poultrymanch@gmail.com
Website - www.thepoultrypunch.com

BURSAPLEX[®]
One Shot. And That's It!

**THE
FIRST IMMUNE
COMPLEX
VACCINE
AGAINST IBD**

One single dose for effective flock protection against Infectious Bursal Disease (IBD) in broilers

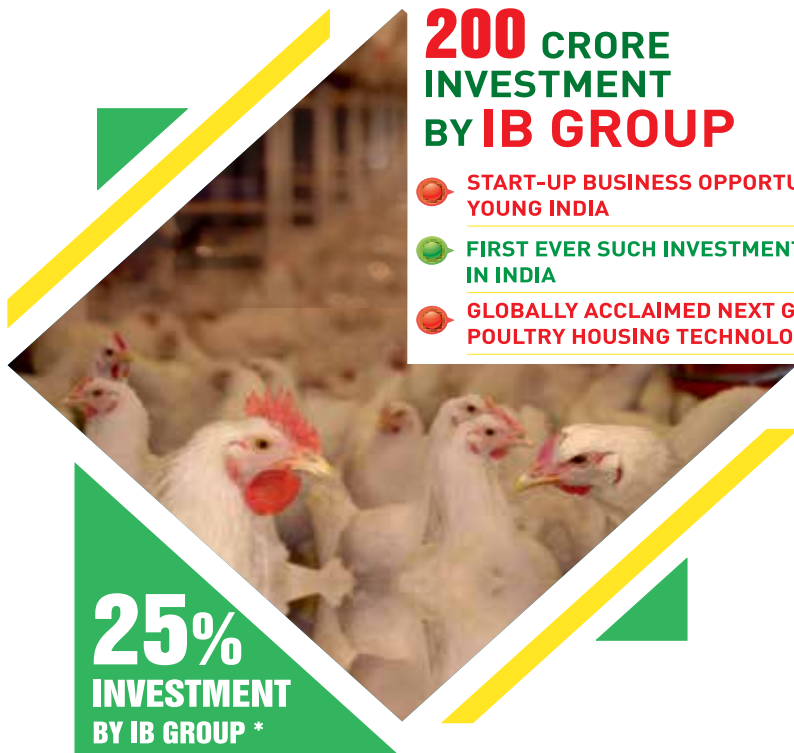


zoetis
Zoetis India Limited, 3rd Floor, Kaladaru Synergy, opp. Grand Hyatt, Sanjivnagar (East), Mumbai-400 055.



PARIVARTAN **GEN** **NEXT**

Building the Future of Poultry with Technology



200 CRORE INVESTMENT BY IB GROUP

- START-UP BUSINESS OPPORTUNITY FOR YOUNG INDIA**
- FIRST EVER SUCH INVESTMENT SCHEME IN INDIA**
- GLOBALLY ACCLAIMED NEXT GENERATION POULTRY HOUSING TECHNOLOGY**

25% INVESTMENT BY IB GROUP *

3 BEST PLANS TO SUIT YOUR INVESTMENT NEED

SR.NO.	EC HOUSE TYPES	EC HOUSE SIZE	BIRD CAPACITY	PER BIRD COST (₹)*	TOTAL COST	ABW/BIRD (KG)**	MIN GC/KG (INR)***	COMMITTED MIN BATCHES PER YR	ANNUAL EARNINGS	4 YEAR ROI
1	HOUSE TYPE-1	45'x330'	21,808	340/-	74,14,720	2	9	6	23,55,264	94,21,056
2	HOUSE TYPE-2	45'x270'	17,654	360/-	63,55,440	2	9	6	19,06,632	76,26,528
3	HOUSE TYPE-3	45'x220'	14,192	380/-	53,92,960	2	9	6	15,32,736	61,30,944

* Prices are valid until 31st may 2020 and exclusive of taxes, erection, installation, transportation charges.

** ABW- (Average Body Weight) this is average as per industry.

*** GC- (Growing Charges) will be revised post completion of every 8 batch based on the electricity charges and labour charges.

BENEFITS FOR INVESTOR

- 25% investment by IB Group* interest free for first three years
- Next generation globally tested best-in-class Broiler Environment Control House technology with ROI with-in 4 Years.
- Technical training and hand holding for investors and all-round the year support with 35+ years IB Group technical expertise.
- Safe Investment with IB Group for business assurance.



ABIS EXPORTS (INDIA) PVT. LTD., IB Group Corporate House, Indamara, Rajnandgaon (CG) - 491 441.
 Contact : +91 92291 80810, +91 91091 12121 Email : parivartannxtgen@ibgroup.co.in

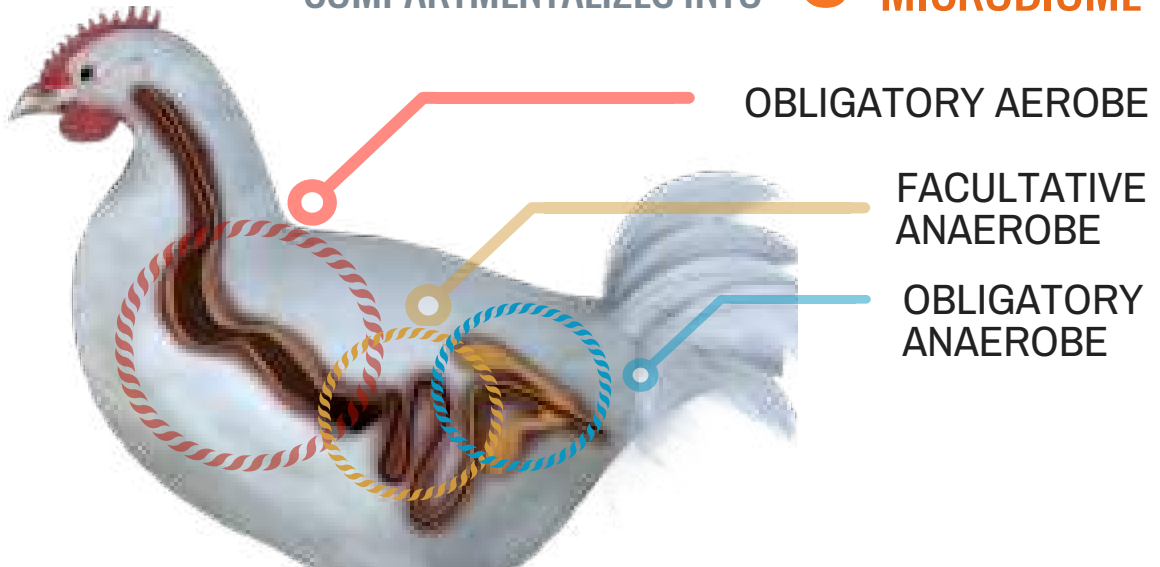
www.ibgroup.co.in



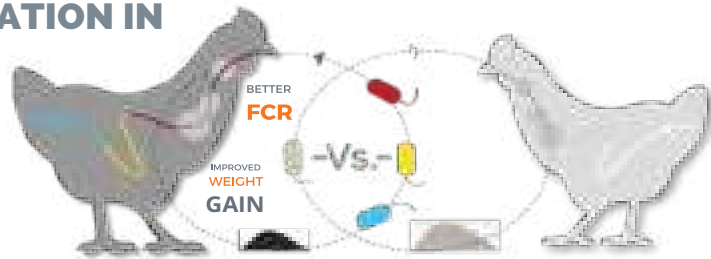


Zydus AH

POULTRY GI TRACT COMPARTMENTALIZES INTO **3** DISTINCT MICROBIOME



STRATEGIC COMBINATION OF **AEROBES & ANAEROBES** ENSURES PROLIFERATION IN **NICHE ENVIRONMENT** AND **TOTAL GUT**



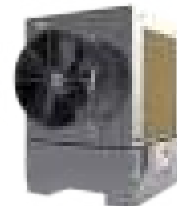
REINVENTING *INVIVO* PROBIOTIC BIOLOGY WITH

— THE KEY TO TOTAL GUT INTEGRITY —
Improval™ **BFS**

The Key To Total Gut Integrity



Have you ever thought about the benefits of **air temperature homogeneity** for your chicken?
For over 50 years, we have been taking care of your poultry farms.



Energy Efficient



Innovative



Certified



Value for money



Performance



Reliable



pericoli.com





THE LAUNCH OF KEMIN PRERNA – CSR INITIATIVE BY KEMIN INDUSTRIES

*“We have a responsibility to return to our community and the world a portion of what we earn from our endeavors and that of the people who work with us.”
– Mary Nelson, Co-Founder, Kemin Industries*

■ **Gummidipundi, India**

Giving back to the society and considering it as an important responsibility is an integral part of Kemin philosophy. In this pursuit, we are pleased to share about the launch of another CSR Project initiative which will be the ‘first of its own kind in the State of Tamil Nadu-India’.

Kemin Industries is no exception to Corporate Social Responsibility in line with its Vision. With the purpose to serve and contribute to

our community as Corporate Citizens, we have partnered with Vibha & Sikshana for a CSR Project named as “KeminPrerana”.

This initiative aims to improve the quality of “experiential learning” and thereby helping children with the right kind of motivation. The proposed Prerana project enables children, develop interest in learning through a methodology of “ideate-innovate-implement” leading to substantial positive difference in learning abilities.



Hygienize your feed with the Long Term Conditioner

Up to 4 mins retention time.
Guaranteed first in - first out.
Up to 20% production increase.
Up to 20% energy saving.



Improve your feed conditioning process and optimize the nutritional value of your feed with the Long Term Conditioner.

www.aarsen.com/machines/conditioners

VanAarsen

The vital link to your feed chain

Producing feed profitably starts with Innovative Thinking

Optimized feed quality.
Higher efficiency.
Real savings on maintenance.



Optimize your pelleting process with the CU Dynamic, a new generation of pellet mills.

www.aarsen.com/machines/pellet-mills



Please contact me for more information
Subramanian Pitchai
E-mail: spi@aarsen.com
Mobile: +91 73580 97870



Sikshana and Vibha’s similar initiatives were a huge success in other States of India and Kemin will be the pioneer in the State of Tamil Nadu. We will be introducing the project at schools in and around Gummidipundi plant and we will be working with 35 government schools, more than 3000 children in age group of 8-12 years .

During this launch function, Dr R Suresh kumar, President -Kemin South Asia, gave a warm welcome note to the guests and

recapitulated Kemin’s commitment towards CSR projects in-line with our Vision.

It was an interactive event graced by the senior education officials of Tamil Nadu including, Chief Education Officer, District Education officer , Government officials from Sarva Shiksha Abhiyan, CEO of Sikshana and Director of Vibha along with the headmasters from the schools in Gummidipundi.

Further discussion led to an interactive session between the headmasters and Mr.Prassana, CEO Sikshana, where they curiously enquired about the scale up plan of this initiative in the coming years.

About Kemin Industries

Kemin Industries (www.kemin.com) is a global ingredient manufacturer that strives to sustainably transform the quality of life every day for 80 percent of the world with its products and

services. The company supplies over 500 specialty ingredients for human and animal health and nutrition, pet food, aquaculture, nutraceutical, food technologies, crop technologies and textile industries.

For over half a century, Kemin has been dedicated to using applied science to address industry challenges and offer product solutions to customers in more than 120 countries. Kemin provides ingredients to feed a growing population with its commitment to the quality, safety and efficacy of food, feed and health-related products.

Established in 1961, Kemin is a privately held, family-owned-and-operated company with more than 2,800 global employees and operations in 90 countries, including manufacturing facilities in Belgium, Brazil, China, India, Italy, Russia, San Marino, Singapore, South Africa and the United States.



Enhancing gastrointestinal health leading to the best performance

Unique concentrated blend of active ingredients.

Innovative protection system.

Can also be combined with other additives.

Effective mode of action.

Optimized dose for each production phase.



Enhancing liver function leading to the best performance

Regenerates hepatocytes and protects liver function.

Increases the elimination of endo and exotoxins.

Increases fat metabolism and bioavailability of energy.

Increases animal performance.

Increases total sale price and margin over feed



Maximum protection against mycotoxin contamination.

Acts against a large range of mycotoxins and toxic metabolites.

Dismiss the gastrointestinal absorption of mycotoxins.

Protect the rate of villum/crypt in the large intestine.

Reduce the toxic metabolites in tissues.

Improves animal performance efficiently.



Natural and cost-effective nutritional solutions for top performance



Dr Ashish Deshpande – ashish@igusol.com, +91- 9822199644
 Dr Shaveta Sood – shaveta.sood@vetina.com, +91-7020396946
 Cc no. – 020-67445858, +91-7506562266
 Mail id: customerservice@vetina.com

MADE IN EUROPE
 EUROPEAN RESEARCH



Ms. Gabriella Santosa, Aviagen technical service team



Mr Prashad Waghm, MD, JAPFA India

VAKSINDO FORAYS INTO INDIAN POULTRY VACCINE MARKET

■ Hyderabad

Vaksindo Animal Health (VAH), research-based vaccine manufacturing company of Japfa was launched in India during 13th Poultry India show on 27th November'2019 at Avasa Hotel, Hyderabad.

VAKSINDO launch was celebrated with prominent poultry farmers and leading poultry consultants invited for the technical seminar on "Significance and latest developments in Poultry Vaccines".

Dr. Teguh Yodiantara Prajitno, PhD in Molecular Biology (Germany), presented on



Dr Paul Gittins, Aviagen

"Egg production drop due to Newcastle disease in Broiler breeders and it's impact on the performance of the commercial broilers".

About: Dr. Teguh is the Director of animal



Dr KS Prajapati

Health at Japfa Comfeed, Indonesia, Managing Director of Vaksindo Satwa Nusantara. Dr. Teguh has focused on R & D and, production of autogenous vaccines.



Mr. B Ranga Rao, Head of Operations, India



Dr JL Vegad



Dr. Teguh Yodiantara Prajitno- MD Vaksindo Animal Health



Mr. B Ranga Rao, Head of Operations, India

High Protein Poultry Feed, Enhances Poultry Life!

Allana[®]
...since 1865

Protein Content: **45% & Above.**
Commercially Sterile Poultry Feed Supplement



Awarded

By Many Certified Bodies



Food Safety System
DNV-GL HACCP



RVA is a signatory to the IAF MLA



OHSAS 18001:2007



CAPEXIL
(Chemicals & Allied Products Export Promotion Council)

OUR RENDERING PLANTS

Integrated with each of our abattoirs and meat processing complexes at seven locations across the country manufacture high quality commercially Sterile Poultry Feed Supplement, Blood Meal and Technical Animal Fat utilizing fresh and chilled raw materials, derived from inspected healthy livestock fit for human consumption.

These modern sophisticated rendering plants have been designed and supplied on a turn key basis by leading International rendering plant manufacturers.

OUR PRODUCTS FOR POULTRY FEEDS

The low temperature rendering, followed by high temperature short time processing fully ensures:

- Commercial sterility in Poultry Feed Supplement, Blood Meal and Technical Animal Fat.
- Retains the nutritive value of native protein intact in the meal

- Ensures high stability against oxidation of Technical Animal Fat, low FFA and very low peroxide value.

- More acceptable light colour in fat.

These unique qualities of our feed ingredients make them very safe and indispensable ingredients in the manufacture of high quality compound feeds for poultry. With the use of our feed ingredients, the birds show improved growth rate.

Uniform drying at high temperatures helps to maintain low moisture in Poultry Feed Supplement which not only ensures the commercial sterility and poultry pathogens control but also eliminates the contamination risk of dangerous Mycotoxins / Aflatoxins of fungal origin.

QUALITY AND SAFETY MANAGEMENT SYSTEMS

Like ISO 9001 = FSSC 22000 and HACCP are stringently applied, ensuring that we maintain high standards consistently to enable us export our Poultry Feed Supplement to various countries in the world. Hygienic conditions are strictly monitored in every section of the plant.

We have our in-house, fully equipped laboratories for testing the raw materials, in-process products and finished products. All chemical and microbiological tests are performed at different stages of processing. These regular tests ensure consistent compliance with each and every aspect of the product specification.

The total traceability of the product is ensured throughout processing and storage by proper identification and records.

Allana Shakti[™]
Commercially Sterile
Poultry Feed Supplement

Allana Shakti Gold[™]
High Quality Technical Animal Fat
(Buffalo Tallow)

Allana[®]

ALLANASONS PRIVATE LIMITED

Corporate Office:

Allana Centre, 113 -115, M.G. Road, Abdul Razak Allana Marg, Fort, Mumbai - 400 001, India

Tel : (+ 91-22) 6656 9000 / 2262 8000 Fax : (+ 91-22) 2269 5700 / 2269 5701

E-mail : pfs@allana.com • Website : www.allana.com



Allana - Since 1865

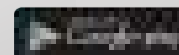
Defining global standards

NOW PURCHASE **Allana** FINEST RANGE OF
BY - PRODUCTS
THROUGH ALLANA MOBILE APPLICATION



DOWNLOAD APPLICATION
ALLANA BY-PRODUCTS

AVAILABLE AT





L-R-Dr Ganesh Durban, Technical Services Manager, Vaksindo and Dr JL Vegad



Dr Pathak RK

Dr. Teguh illustrated how Vakindo was instrumental in Japfa's growth story in Asia. He gave presentation on how Newcastle disease virus is evolving in Asia. Newcastle disease is most dreaded disease which causes severe hatching egg production drops upto 50% within 4 weeks of infection which takes further nearly 6

weeks to recover the productivity near normal. He also shared on various aspects of degraded performance of commercial broilers hatched of infected breeders.

He emphasized need of efficacious and effective poultry vaccines with changing poultry genetics and disease challenges. He emphasized

that eradication of Newcastle disease is not possible but, control could be possible by using Vaksindo's research-based vaccine.

Vaksindo developed research-based Newcastle disease vaccine, inactivated by using molecular biology technology. He illustrated few research slides about how genotype



Mr Puttu



GlobiVac[®] ND UNIQUE

COMMITMENT TO EXCELLENCE



Choose Wisely....
ND D58 Strain

To protect against Emerging
ND Genotypes- XIIIb



Globion India Pvt. Ltd.

Corporate office: 2nd Floor, Vasavi Gold Stone, Survey No. 25, Near Military Football Ground, Trimulgherry, Secunderabad-500 015, Telangana, India

Phone: +91-40-2799 0397 / 98 **Fax:** +91-40-2799 0399 **Email:** technoforum@globionindia.com

Factory: D. No.4-3, Survey No. 321, Biotech Park Phase III, Karakapatla Village, Markook Mandal, Siddipet District- 502281, Telangana, India

www.globionindia.com



Dr BV Joshi



Mr Roshan Ali



specific vaccines are better than LaSota or R2B origin -ND inactivated vaccines. Vaksindo has innovative technology in collaboration with prominent USA universities to define antigenic match. It was well understood that Antigenic mass and antigenic match are both important to control moving ND challenges.

Vaccination strategy suggested by Vaksindo

for Newcastle disease is vaccinating breeders with research-based vaccines every 10 weeks interval. This vaccination programme would hyper-immunize the breeder stock while achieving protective maternal antibody levels in commercial broiler chicks.

Aviagen technical service team attended the conference and interacted with vaccine

research team of Vaksindo.

Dr. J.L. Vegad, eminent poultry pathologist of India, in his keynote address about “Building Strong Immunity in Poultry” discussed on six-point disease prevention strategy through research based quality vaccines, nutrition, biosecurity, mycotoxin control, farm- and gut health-management.



Team Zevak - Zeus Biotech



Monicox[®]

monensin + nicarbazin



Reveal

your
Hidden Performance



HUVEPHARMA NV • UITBREIDINGSTRAAT 80 • 2600 ANTWERP • BELGIUM • P +32 3 288 1849 • F +32 3 289 7845 • customerservice@huvepharma.com
HUVEPHARMA SEA • 501 & 502 • 'GREEN TERRACES' • LANE NO.5 • SOUTH KOREGAON PARK • PUNE-1 • INDIA • P +91 20 2615 4193 • F +91 20 2615 3973 • salesindia@huvepharma.com
www.huvepharma.com



Team Vaksindo



Progressive Poultry Farmers



Aviagen Team

Mr. Ranga Rao Baru, Head of Operations, India, VAH welcomed Guest of honor Ms. Gabriella Santosa, Aviagen technical service team, progressive farmers and poultry veterinarians. He introduced Vaksindo's pan India distribution channel partner-Zevak Animal Health Care Pvt. Ltd., Mr. Abhilash Nair, Managing Director of Zeus Biotech and

welcomed his team.

About JAPFA: PT Japfa Comfeed Indonesia, Tbk is one of Indonesia's largest agri-food companies that has been producing vital animal protein staples for the nation since 1975. Japfa is one of the fastest growing poultry conglomerates in Asia.

About VAKSINDO: Established in 1983,

VAKSINDO is first animal vaccine manufacturer in Indonesia and a strategic link in Japfa Comfeed's value chain. Vaksindo actively collaborate with international research institutions to keep abreast of new and developing trends in animal health. Vaksindo Animal Health Pvt. Ltd. is based at Hyderabad and, is subsidiary of PT. Vaksindo Satwa Nusantara, Indonesia.



Dr G Devegowda



Mr Abhilash Nair, MD Zevak.JPG



UP
TO **10**
POINTS
IMPROVED
FCR

Alltech®
BROILER ADVANTAGE

Alltech Broiler Advantage is a nutritional solution designed to enhance the expression of genes involved in immunity, energy and protein metabolism in broilers to improve feed efficiency, weight gain, livability, and profitability.



Alltech®
ON-FARM ADVANTAGE

Alltech Biotechnology Pvt Ltd
No.3; 6th Cross ,HAL 2nd Stage, Kodihalli, off Old Airport Road Bangalore 560 038
Tel: +91 80 25251991/2/3/4 | Fax: +91 80 25251974
Email: india@alltech.com



Alltech.com  AlltechNaturally  @Alltech

ZOETIS ENGAGES ON THE “CONTINUUM OF CARE” STRATEGY TO SUPPORT THE TRANSITION TOWARDS RESPONSIBLE USE OF ANTIBIOTICS IN INDIA



Profile
Ketan Dhamanaskar, General Manager, Zoetis India Ltd.

Ketan is veteran with over 20 years of experience across the pharmaceutical industry with expertise in verticals like medical devices and animal health industry. Ketan has worked in various roles like brand management, business unit management, regional management and country management in India and abroad. At Zoetis, Ketan spearheaded the successful separation and stand-up of Pfizer's animal health business to Zoetis India without business disruption and delivering year on year growth.

■ Mumbai

What made Zoetis decide to voluntarily withdraw the product despite no Indian regulatory order on the same?

Zoetis decision to voluntarily withdraw growth promotion indications from the labelling of medically important antibiotic products in the portfolio is standing good on our resolve to make medically important antibiotics products to be approved exclusively for therapeutic purposes. Our step is a part of our commitment to join with veterinarian and livestock farmer's customers in helping to combat antimicrobial resistance. On the same front, we will work with national regulatory authorities in various countries, including India to engage on actions towards responsible use of antibiotics in respect with local regulatory interpretation and oversight.

Doesn't using such drugs as Tylosin or Lincomycin in poultry contribute to drug resistance and pose a public health risk to people?

We are at a point, especially in developing countries like India, where producers will have to meet the increasing demand. With few alternatives today for treating life-threatening bacterial infections in animals, optimal use of antibiotics is essential to animal health and, in turn, to their welfare. When antibiotic products are used properly and responsibly according to their approved indications -- and under the supervision of a veterinary professional -- they can help protect animal and human health,

assure the safety of the food supply and help reduce the risk of resistance.

At Zoetis, we recognise that animal and human health are interdependent and therefore support the responsible use of antibiotic medicines in animals and in people. Zoetis advocates for taking a One Health approach to the responsible use of antibiotics across human and veterinary medicine.

Is Zoetis doing anything to ensure that such products are more closely regulated?

Zoetis continues to engage with regulatory authorities around the world to implement appropriate regulations to support the responsible use of antibiotics. Our veterinarians and field representatives support our customers by sharing knowledge on responsible use of our antibiotic medicines and animal health and husbandry protocols that can help prevent common diseases. For an instance, Zoetis is engaging in a collaborative effort with a major food chain company to train poultry producers in India about the responsible use of antibiotics on farms.

With the decision coming, is there any reason behind the timing?

We believe now is the right time for Zoetis to voluntarily withdraw growth promotion indications from the labelling of medically important antibiotic products in our portfolio as we are engaging all stakeholders in this process, from regulatory bodies, to veterinarians and producers. Since this is about changing practices on the ground, it cannot happen overnight if you

Srinivasa



Delivering Performance and Sustaining Growth!

More profits for the farmers, better nutrition for all.

A **ROBUST** layer that delivers:

- 1 PROLIFIC**
Egg Numbers
- 2 PERSISTENCY**
For Long Single-Cycle Production
- 3 EXCELLENT**
Egg Shell Strength
- 4 EFFICIENCY**
Great feed savings resulting in profitability. More Eggs on Less Feed



Hy-Line.
W-80

Srinivasa Farms[™]

Srinivasa Farms Private Limited

(CIN No: U01222TG1983PTC003979)

Regd. Office:

Plot No. 82, Kavuri Hills, Phase II,
Madhapur, Hyderabad - 500081,
Telangana, India.

Tel: +91 40 23633500 / 501
E-mail: contact@srinivasa.co
Url: www.srinivasa.co

Follow us on    

AP, North Karnataka & Odisha

Shailendra Karuturi
☐ 90006 58835

**Telangana, Maharashtra, Gujarat,
Madhya Pradesh & Chattisgarh**

Dr. Balaji Chate
☐ 91210 20298

Tamil Nadu & South Karnataka

Dr. Muthuramakrishnan .M
☐ 75488 50453

North India

Dr. Vikas Chaurasia
☐ 81069 72007

are not able to provide the technical support to help make that change.

With our Indian team, we believe that we are now in a good position to organize and support our customers through this transition as of June 2020 and therefore the decision.

How does Zoetis India plan to assist its customers during the withdrawal phase?

Like all medicines, antibiotics should choose the most appropriate antibiotic, and ensure the animal owner is correctly instructed on its use: the correct dose, correct route and correct length of treatment. With this understanding, Zoetis India is committed to actively consider the animal health needs of our customers, and will provide them with the knowledge, tools and solutions to make changes that may be needed.

With the products withdrawn, what are there other products that will ensure customer needs are duly met?

We have withdrawn the products but other competitor companies have similar products still available in the market.

Where do you see the future of animal health evolving into, to meet the challenges of increasing demand and antimicrobial resistance?

Healthcare trends are moving towards early identification/prediction, a preventative/proactive approach and medicines used responsibly to treat. The future of animal health will depend on integrating many different solutions and technologies to help livestock farmers and veterinarians make early and accurate decisions, prevent and detect disease, and deliver targeted, effective treatment. At Zoetis, we are focused on bringing more integrated solutions to our customers across this continuum of care- Predict, Prevent, Detect and Treat.

The future can be gauged as increasingly our customers want solutions across the full continuum of care to help their animals return to health. Our innovations predict illness, prevent it, detect it and treat it effectively with the right medicine, at the right time, at the right dose, for the right duration of time. As an example, the recent adoption from key poultry integrators

of more Biodevice and automation machines, aiming at preventing diseases at early stage in birds and allowing a more sustainable approach to biosecurity and health management provide a glimpse of future of animal health.

What is Zoetis India growth strategy and what are the expansion plans currently in place?

We will focus on our poultry biologicals & disinfectants' portfolio to provide enhanced biosecurity to poultry farms. We will strengthen Bursaplex, immunocomplex vaccine for commercial broilers. We will expand our innovative solutions for hatcheries, Embrex Biodevice.

Profile: Ketan Dhamanaskar, General Manager, Zoetis India Ltd.

Ketan is veteran with over 20 years of experience across the pharmaceutical industry with expertise in verticals like medical devices and animal health industry. Ketan has worked in various roles like brand management, business unit management, regional management and country management in India and abroad. At Zoetis, Ketan spearheaded the successful separation and stand-up of Pfizer's animal health business to Zoetis India without business disruption and delivering year on year growth.

Before joining Zoetis India, Ketan was the Marketing Director at Renal BU, Baxter Inc responsible for Europe, Middle East, Africa (EMEA) markets based in Zurich, Switzerland. At Novartis, Ketan successfully built up the Ophthalmic business in India and EEMEA. Novartis nominated him for the Harvard Program as a part of his development. In the past, he has worked with many multinational organizations such as Roche, Novartis, Baxter and Pfizer.

Ketan holds a bachelor's degree in Pharmaceutical Sciences from Mumbai University and a master's degree in marketing management from Jambhalaj Institute of Management Studies. Ketan is also an alumnus of Harvard Business School, having completed a Senior Executive Leadership Program in 2018.

Company Profile: Zoetis

Zoetis is a global animal health company dedicated to supporting customers and their businesses in ever better ways. Building on 60 years of experience, company aims to deliver quality medicines and vaccines, complemented by diagnostics products and genetics tests and supported by a range of services. Company is working towards addressing the real-world challenges faced by those who raise and care for animals in ways they find truly relevant.

Zoetis is partnering with the customers to address their unmet needs with the most relevant innovations like genetics, diagnostics, digital tools and data analytics complemented with traditional medicines like parasiticides, vaccines and antibiotic treatments. The future of animal health will depend on integrating many different solutions and technologies to help livestock farmers and veterinarians make early and accurate decisions, prevent and detect disease, and deliver targeted, effective treatment. Zoetis, is focused on bringing more integrated solutions to our customers across this continuum of care.

Zoetis Inc is the world's largest producer of medicine and vaccines for pets and livestock. The company was a subsidiary of Pfizer, the world's largest drug maker, but with spinoff from Pfizer it is now a completely independent company. The company directly markets the products in approximately 45 countries, and sells the products in more than 100 countries. Company has 300 product lines catering to farm animals and companion animals. The product caters to the range of species like cattle, swine, poultry, sheep, fish, dogs, cats and horses. In India, the domestic sector is quickly adopting the new technologies that enhance the productivity, safety, and sustainability of poultry production. India is one of the world's largest producer of eggs and broiler meat, and the market is expected to grow to INR 4 billion by 2024.

Zoetis has 28 manufacturing units across the globe, each facility designed to meet chemical and infectious agent safety regulatory requirements. Many R&D operations are co-located with manufacturing sites, a collaboration that allows bringing new products to market faster.



INTRON
Life Sciences
www.intronlifesciences.com



Certified:

ISO 9001
ISO 22016:2005 (FSMS)
HACCP
ISO 9001:2015 (MSL)
ISO 14001:2015 (EMS)
ISO 45001:2018 (OHSAS)

World's first
TRIBIOTIC™
The next generation of biotechnology

IN POULTRY INDUSTRY

INTRON
Life Sciences
www.intronlifesciences.com

BIOFENCE™ POULTRY
BOOSTS IMMUNITY AND DIGESTIBILITY NATURALLY

BIOFENCE™ STAGE-I, II & III is specially designed world's 1st TRIBIOTIC™ developed by Intron's R&D to boost the immunity and digestibility during the most critical stages of chicken's life cycle and is a combination of prebiotics, probiotics and postbiotics.

Benefits:

- Helps the birds establish initial gut microbiota
- Protects against colonisation of harmful and pathogenic microorganisms on the bird's body utilising residues from hatching eggs, instead utilises the residues to establish a friendly, useful, probiotic microbiota
- Helps the chicks attain better and faster gut integrity
- Improves overall immunity status of the chicks for a great start
- Acts as a supplemental feed and improves digestion and FCR
- Improves flock liveability
- Reduces the risk of disease, infections and the need for frequent medication

Presentations: 200g & 500g tubs, 1kg and 5kg bags

Presentations: 200g & 500g tubs, 1kg and 5kg bags

Corporate Office:
302 & 303, Classic Court, 6-3-552/2,
Erramanzil, Banjara Hills, Hyderabad-500082, India.

Customer Care
+91-88 0123 0123
customer.care@intronlifesciences.com

www.intronlifesciences.com

AVIAGEN INDIA CONTINUES STRENGTHENING OF SERVICE TO CUSTOMERS

Dr. Balaji's formative years in the industry began with Khadkheswara Hatcheries and Simran Feeds & Farms, and he later stepped up as Head of Integration for Indian Broiler Group in Telangana. His latest assignment before joining Aviagen was Head of Broiler Integration for Srinivasa Hatcheries for the company's operations in Andhra Pradesh and Telangana. He earned a Bachelor of Veterinary Science degree at the Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur, India, in 2004, and in 2010 achieved a Master of Business Administration (MBA) in Marketing from Sikkim Manipal University.

Dr. Balaji appointed Senior Technical Service Manager



Udumalpet, India. – Aviagen® India continues its story of growth and success, and has named Dr. Yamekar Balaji as Senior Technical Service Manager to further strengthen support to customers throughout the country. Effective immediately, Dr. Balaji will manage the broiler customer support team, and will report directly to Dr. T. Joshua, Aviagen India's Regional Technical Manager. Customers will benefit from his keen expertise in broiler management, with particular insight into improving biological performance and production efficiencies.

Wealth of experience and know-how

Dr. Balaji's formative years in the industry began with Khadkheswara Hatcheries and Simran Feeds & Farms, and he later stepped up as Head of Integration for Indian Broiler Group in Telangana. His latest assignment before joining Aviagen was Head of Broiler Integration for Srinivasa Hatcheries for the company's operations in Andhra Pradesh and Telangana. He earned a Bachelor of Veterinary Science degree at the Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur, India, in 2004, and in 2010 achieved a Master of Business Administration (MBA) in Marketing from Sikkim

Manipal University.

"We're delighted to have Dr. Balaji join our customer service team," commented Dr. Joshua. "He will bring much-valued advice to share with our customers, particularly helping them skilfully manage their broiler flocks to obtain the highest level of performance, health and welfare."

About Aviagen

Aviagen® is a global poultry breeding company that develops pedigree lines for the production of commercial broiler chickens under the Arbor Acres®, Indian River®, and Ross® brand names. The Rowan Range® and Specialty Males® are specialty breeding stock from Aviagen that offer greater flexibility for customers to meet specific or niche market requirements. The company is based in Huntsville, Alabama, USA with a number of wholly-owned operations across the United Kingdom, Europe, Turkey, Latin America, India, Australia, New Zealand, and the U.S.A., and joint ventures in Asia. Aviagen employs more than 4,600 people and has a distribution network serving customers in more than 100 countries.



DHUMAL INDUSTRIES

YOUR PARTNER TO GROW QUALITY CHICKEN EFFICIENTLY



Thank you

Thank you for visiting our booth at the Poultry India 2019, held between 26th to 29th Nov. at Hyderabad, and making our participation a big success. This exhibition gave us an opportunity to present to you our newest Turnkey Poultry Solutions & showcase the extensive work our team has put behind with special focus on product quality, performance & operating efficiency. Your feedback & support has been very encouraging & further motivates us to work harder. We are working on your enquiries & will get in touch with you soon.



See our complete product catalogue on <https://dhumal.com/download>

Dhumal Industries

24 Hr Service Support Cell: +91 88888 00384

Email: sales@dhumal.com, Web: www.dhumal.com





VAMSO BIOTEC PARTICIPATES IN SOUTH ASIA'S BIGGEST INTERNATIONAL POULTRY EXHIBITION

Poultry India Exhibition features the most innovative and reputed companies across the continent from the poultry sector to showcase their businesses and interact with potential partners, clients and investors. Poultry India has continued its efforts every year to bring new businesses in technologies, poultry nutrition and animal health from all around the world to India.

In five decades, Vamso Biotec has established a strong footprint in Indian as well as International poultry & livestock market. Vamso envisages of becoming an exemplar by providing effective research based innovative solutions to the customers.

■ Hyderabad

Vamso Biotec Pvt Ltd, committed for upliftment of poultry health & productivity, successfully participated in South Asia's Biggest International Poultry Exhibition- Poultry India 2019, Hyderabad, from 27-29 November, 2019. Professional association, international networking and experts' knowledge sharing about poultry industry were the foundations of this top event.

It received astounding response from nutritionists, feed millers, integrators & farmers. Vamso Biotec, marked its 50th anniversary this year in providing herbal & phytochemical sustainable solutions in animal healthcare industry. "We aim at optimizing feed cost through nutritional intervention in challenging period for profitable poultry production", said Dr. Ashwani Jadaun, Business Head, Vamso Biotec.

Poultry India Exhibition features the most innovative and reputed companies across the continent from the poultry sector to showcase their businesses and interact with potential partners, clients and investors. Poultry India has continued its efforts every year to bring new businesses in technologies, poultry nutrition and animal health from all



MINTREX®

Trust Forms The Core Of Our 'BONDS'...

When it comes to setting higher benchmark of performance as compared to other chelated mineral sources; producers across the world spread over 100 countries, trust MINTREX®.

MINTREX® is the only globally available bis-chelate where one molecule of metal is attached to two molecules of HMTBa (2 hydroxy-4-methylthio-butanoic acid) by strong bonds. The unique, stable and neutrally charged structure of MINTREX® minerals lead to higher absorption, bioavailability and production performance as compared to other mineral sources. The uniqueness of MINTREX® minerals has been recognized by various international bodies like EU and AAFCO by classifying them as a distinguished class of minerals.

Zn
80% Methionine Value
Cu
78% Methionine Value
Mn
78% Methionine Value

Building 'BONDS' Stronger

www.novusint.com



TMO and TMO Plus
(For 'Trace Mineral Optimization' in Poultry)

NOVUS

*TMO and TMO Plus standard premix from Novus contains MINTREX® chelated minerals as a source of Zn, Cu and Mn.
*Novus and MINTREX® are trademarks of Novus International, Inc., and are registered in the United States and other countries.
©2019 Novus International, Inc. All rights reserved.



around the world to India.

In five decades, Vamso Biotech has established a strong footprint in Indian as well as International poultry & livestock market. Vamso envisages of becoming an exemplar by providing effective research based innovative solutions to the customers.

About Vamso Biotech Vamso Biotech Pvt. Ltd is an ISO 9001:2000 & GMP certified; research and technology oriented veterinary pharmaceutical

company in India. Vamso Biotech has emerged as a leading player in natural, biotechnology and feed supplement products useful for health and productivity needs of variety of animal species, The company provides unmatched customer service through a fleet of sales, marketing and technical team. The company has left no stone unturned to bring out the best of the products through its state of the art machinery and finest infrastructure



DR. D.K. DEY JOINS OPTIMA AS NEW CEO

The **Optima Life Sciences** Managing Director, Mr. Vinay Kulkarni along with the team is pleased to announce the appointment of Dr. D.K. Dey as the new Chief Executive Officer (CEO) of the company. Dr. Dey is inducted as a whole time CEO of the company on Dec 18th, 2019.



Dr. D.K. Dey

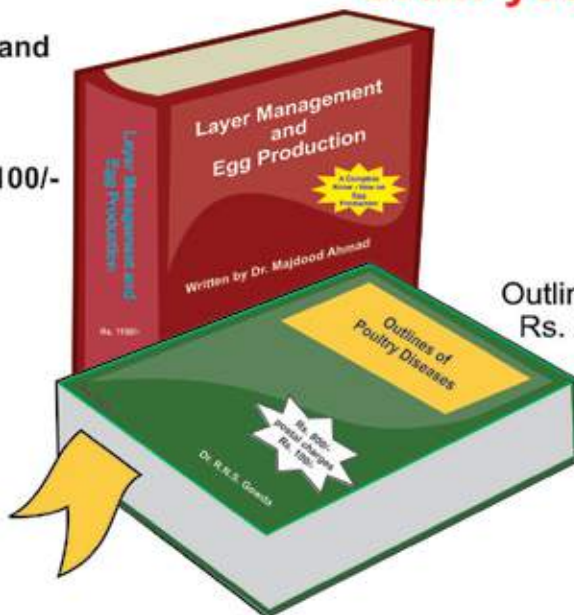
Dr. Dey brings decades of experience to the company and has a proven record of taking customers & employee centric Animal Health companies to the next level. He has worked closely with the leaders of animal health industry in building breakthrough solutions for the animal health care sector. He holds a BVSc & AH Degree from BCKV Agriculture University, West Bengal and professional certification into Business Leadership from Singapore.

Commenting on his appointment, Dr. Dey said, "I am honored to lead **OPTIMA LIFE SCIENCES**, a young and dynamic company in animal health care business. I look forward to working with the teams on our vision "**Think Global, Act Local**". We at **OPTIMA** have a unique opportunity to deliver breakthrough solutions to the industry that will bring greater value to our customers and other stakeholders.

"I am glad to be a part of enthusiastic Team Optima".

Handbook of
Layer Management and
Egg Production
Rs. 1150 +
Postal Charges Rs. 100/-

Order your book now !!



Outlines of Poultry Diseases
Rs. 800 + Postal Charges
Rs. 100/-

For details contact: **Poultry Punch Publications (I) Pvt Ltd.**
25, Thyagraj Nagar Market, New Delhi - 110003
Ph: 011 - 24694539, 24617837 Email : ppunch@rediffmail.com

How Millet Farming Empowers Women

An unannounced change is taking place in the way some rural women are going about their lives. Simultaneously, public healthcare is paying better attention to what affects them fundamentally. If these changes take root and go forward on their own momentum, they will bring about a significant change in the well being of women and also society as a whole. After Mogulamma lost her husband she had to take charge of their small two-acre farm in Telangana and fend for herself. The 36-year old has thereafter received national attention and accolades for becoming a successful millet grower through organic farming. Millets are a source of important nutrition and their cultivation consumes less water. Last year she received the Nari Shakti award from the President on behalf of the All India Millet Sisters Network for her achievement. This year she journeyed to New York to receive the UNESCO Equator prize for environmental conservation.

Millet cultivation

It is her mother-in-law who first came under the influence of the Millet Sisters Network. Then when she passed away a couple of years ago and Mogulamma's husband became ill and bed-ridden, the whole responsibility of fending for the family fell on her shoulders. She bore this manfully and with time her work changed her self-perception. The Millet Sisters Network trains women across the country in organic farming by using vermicompost, farm manure and *panchgavya* (made from cow products) for both crop nutrition and pest control. It was initially an uphill task — first losing her ailing husband and then struggling to learn how to cultivate successfully. Initially on some days it was difficult for her to organise a meal. She found solace in a network of local women and slowly more and more of her time has gone in working with the network which brings within it fold village women who want to travel the same path.

Backyard poultry

The Millet Sisters Network stretches across the country but something as deep-rooted and wider in reach is growing in rural India. Rearing backyard poultry is taking off in a big way. Between two livestock censuses of 2012 and 2019, total poultry in the country has gone up by 17 per cent, but backward poultry (as opposed to commercial poultry) has gone up by 46 per cent. This single initiative, led by women of farm families, is able to address three deep rooted problems — poverty, malnutrition and gender bias. It allows the women to give their families, particularly children, eggs and occasionally poultry meat, thereby adding a nutritional supplement. Buying equivalent food from the market would be unaffordable. The benefits of this practice are so obvious that it has caught on in a big way, as the findings of the census would indicate. The women raise country chicken in free range conditions and are increasingly going in for genetically improved varieties of indigenous low input technology birds which fend for themselves partly by scavenging. These improved country type chicken are resilient to weather changes and able to defend themselves better from predators. The backyard poultry raising is particularly useful to rural families of indigenous people living in remote areas which are away from big markets. Plus, the fact that the women of the households raise and look after the poultry improves their status within the family and adds to their empowerment. In view of the importance of backyard poultry rearing, State governments have adopted poultry development programmes. Under the centrally sponsored programme, families below the poverty line get chicks. The norms include women making up at least 30 per cent of the beneficiaries. Financial help is given to build night shelters for the birds. Government help is also given to run mother units which take care of brooding and vaccination of chicks. As rearing backyard poultry is a low cost operation, a woman can earn a profit of ₹3,000 in each three-month cycle. In this way by rearing backyard poultry women are able to supplement their family income and nutritional requirements the same way as looking after a couple of milch cows has done for decades now under Operation Flood.

Better health

A remarkable change is also simultaneously taking place in the health and life expectancy of women. The maternal mortality rate, measured by the number of maternal deaths per hundred thousand live births, has gone down sharply by 27 per cent, from 167 during 2011-13 to 122 during 2015-17. This has bettered the millennium development goal and is on track to reach the sustainable development goal of 70 by 2030. The southern States, already at 77, are near that goal. The government attributes the improvement mainly to the rise of institutional deliveries across the country with almost 80 per cent of deliveries now taking place under institutional care, compared to 40 per cent a decade ago. To get more poor women to come and get admitted to hospitals for delivery, the government has been improving the public healthcare system. Free drugs and diagnostics are being offered as encouragement to pregnant women to make institutional visits as a pregnancy progresses, creating the mindset to come and get admitted to the health facility when delivery time comes. Also, more women are being treated for anaemia. The fall in MMR is also attributed to changes in social attitudes. There is a slow decline in child marriages and teenage pregnancies. As rural women help their families earn and live better and get better care during childbearing, both their status and the nation's well-being get a push forward.

Source: The Hindu Business Line

INSTALL THE ULTIMATE ANTIVIRUS



Vectormune[®]
ND

Vectormune ND[®] reduces Newcastle Disease virus shedding, with maximum protection and no side effects.

Ceva Polchem Private Limited
Premises No. 101, First Floor, Phase II, Manikchand Galleria,
Model Colony, Shivajinagar, Pune- 411016, India.
Tel.: +91 - 20 - 2567 0606, 2567 0607.
E-mail : sales.ind@ceva.com Website : www.cevapolchem.in / www.vectormune.com



BIOMIN R&D HEAD GERD SCHATZMAYR NAMED AMONG HIGHLY CITED RESEARCHERS ACCORDING TO 2019 WEB OF SCIENCE GROUP LIST

■ Getzersdorf:

Animal nutrition firm BIOMIN is proud to announce that Research & Development Director Dr Gerd Schatzmayr has been named a Highly Cited Researcher, according to the 2019 list from the Web of Science Group.

Dr Gerd Schatzmayr has given more than 60 lectures at international scientific congresses and conferences and is author and co-author of more than 100 articles, publications and patents. He joined BIOMIN in 1999, and currently heads

BIOMIN's worldwide research and development activities from the BIOMIN Research Center at the Campus Tulln.

"This recognition reflects well on the entire research and development team at BIOMIN and the network of leading academic institutions that we work with globally. It is truly a pleasure to conduct research and publish with so many great scientists," commented Dr Schatzmayr.

Science at heart

Franz Waxenecker, Managing Director of BIOMIN, said "We are proud of the BIOMIN Research Center's activities under Dr Schatzmayr's leadership.

Our longstanding commitment to scientific research forms the basis of our value proposition for the feed and food industry. It is what enables us to offer proprietary, innovative solutions for nutrition, gut performance and mycotoxin risk management. The practical application of these technologies supports healthy, profitable and sustainable animal protein production."

Dr Eva Maria Binder, Chief Research Officer of ERBER Group, added "Across ERBER Group—of which BIOMIN is a part—we conduct both basic and applied research in order to advance scientific knowledge that benefits the agriculture sector and supports a more sustainable future. Congratulations to

BIOMIN."

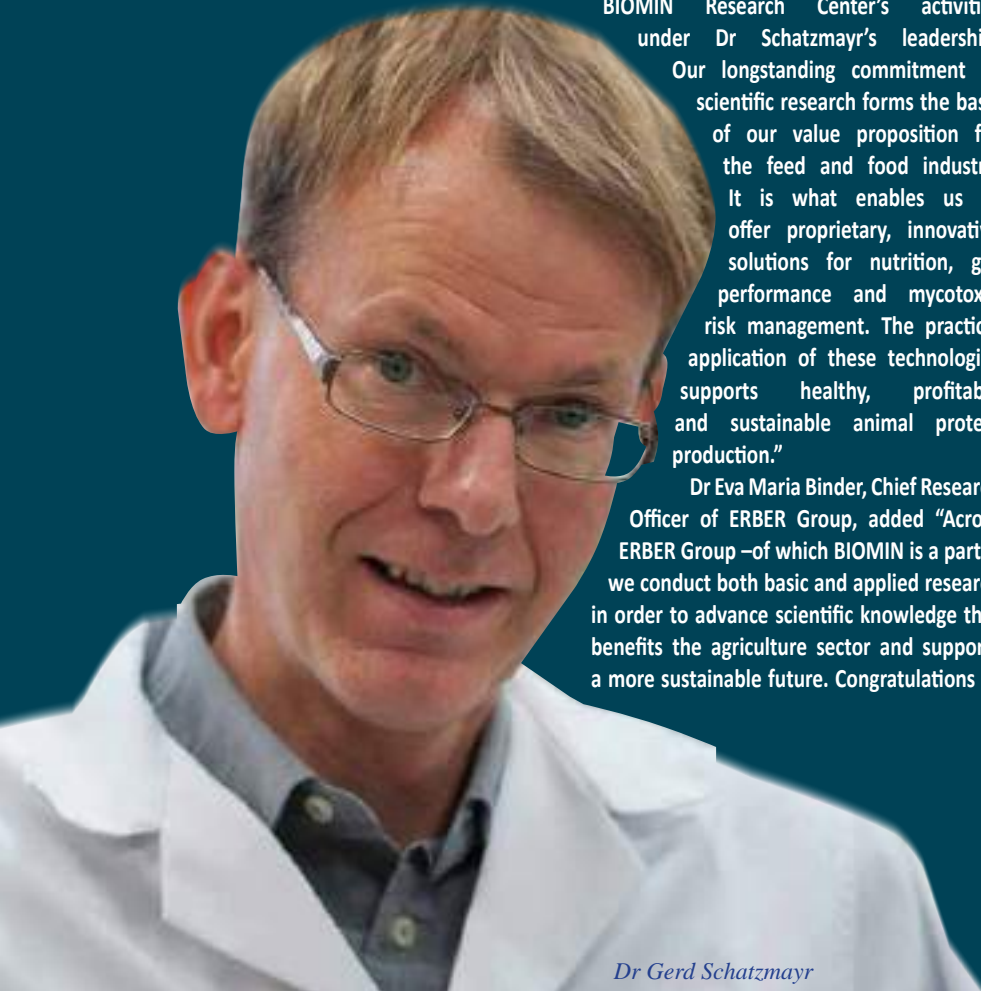
Highly Cited Researchers list

The hotly anticipated Highly Cited Researchers list identifies scientists and social scientists who produced multiple papers ranking in the top 1% by citations for their field and year of publication, demonstrating significant research influence among their peers.

The methodology that determines the who's who of influential researchers draws on the data and analysis performed by bibliometric experts from the Institute for Scientific Information at the Web of Science Group.

David Pendlebury, Senior Citation Analyst at the Institute for Scientific Information said "Recognition and support of these exceptional researchers represents an important activity for a nation or an institution's plans for efficient and accelerated advancement. The Highly Cited Researchers list contributes to the identification of that small fraction of the researcher population that contributes disproportionately to extending the frontiers of knowledge. These researchers create gains for society, innovation and knowledge that make the world healthier, richer, more sustainable and more secure."

This year's list continues to recognize researchers whose citation records position them in the very highest strata of influence and impact as it includes 23 Nobel laureates, including three announced this year: Gregg L. Semenza of Johns Hopkins University (Physiology or Medicine), John B. Goodenough of the University of Texas at Austin (Chemistry), and Esther Duflo of the Massachusetts Institute of Technology (Economics). Also included are 57 Clarivate Analytics Citation Laureates - individuals who, through citation analysis, we have identified as researchers 'of Nobel class' and potential Nobel Prize recipients



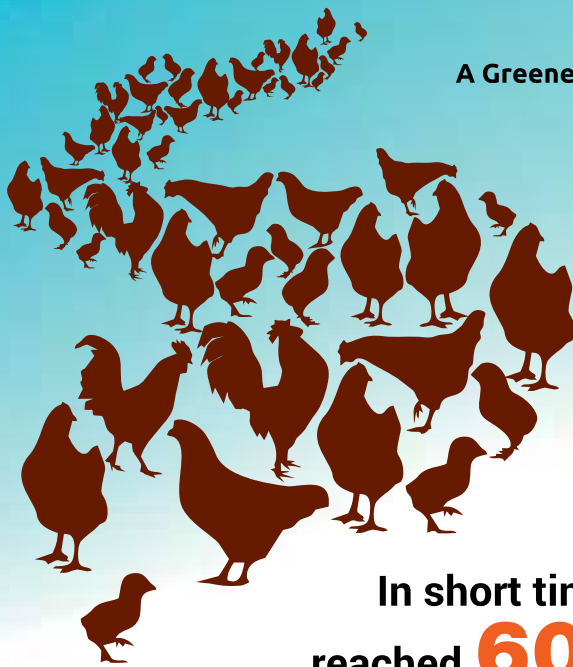
Dr Gerd Schatzmayr



THANK YOU

for your support

TM



A Greener Alternative to Choline Chloride

Became the **BEST BRAND** in poultry industry

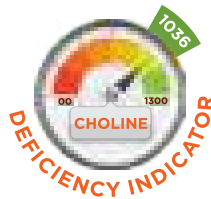
In short time, KOLIN PLUS reached **60^{cr}** bird's nutrition.

Please contact our representative to know more about the Science behind this success:

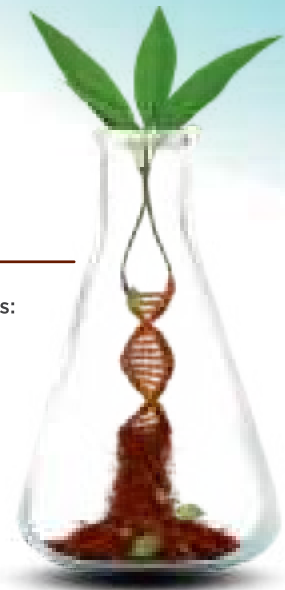
Nutrigenomics



Choline deficiency model



LIPC gene regulation



E-mail : sales@naturalremedy.com
Website : www.naturalremedy.com





Dr. Adela Maghear, Science Advisor PA Europe NV, who is a globally renowned authority on AMR was the keynote speaker of the event. She deliberated on current trends in the field of AMR and shared her global experiences on the subject. She highlighted the global trends in antimicrobials being used in food animals and shared the impact of AMR on global economy. She also highlighted measures to reduce antimicrobial usage and alternatives to combat AMR.

EW NUTRITION HIGHLIGHTS AMR CHALLENGES IN “PARTNERS IN PROGRESS” EVENT AT HYDERABAD

■ Hyderabad

In recent years, Anti-Microbial Resistance (AMR) has gained high importance owing to its global acceptance as one of the major growing threats to the mankind. AMR is a complex, multifactorial, intersectoral public health challenge that has recognized as a global priority. As per published reports, an estimated 10 million people would lose their lives due to resistant infections by 2050. EW Nutrition is committed to mitigate the risk of AMR by providing comprehensive animal nutrition solutions. In order to spread awareness on this global concern,

a knowledge based seminar “Partners in Progress” was organized in Hyderabad on 27th November 2019.

The event was based on the theme of “ONE HEALTH-AMR healthy people, animal and environment” which recognizes the fact that health of people is connected to the health of animals and the environment. ONE HEALTH, though conceptualized in 2004, has recently gained much importance owing to emergence of new challenges like antimicrobial resistance (AMR).

The event was kick-started with a welcome address by Mr. Shyam Morada, Head of HR &

Regulatory affairs EW Nutrition India and the lighting of lamps by the dignitaries.

Dr. Adela Maghear, Science Advisor PA Europe NV, who is a globally renowned authority on AMR was the keynote speaker of the event. She deliberated on current trends in the field of AMR and shared her global experiences on the subject. She highlighted the global trends in antimicrobials being used in food animals and shared the impact of AMR on global economy. She also highlighted measures to reduce antimicrobial usage and alternatives to combat AMR.



Provimi®

U.T.P.P.TM BIOTECH

The Ultimate Toxin Prevention Program



Cargill enables the success of our partners to help the world thrive.

Provimi Animal Nutrition India Pvt. Ltd.
Tel : 080-28460060 Email : info@cargill.com www.provimi.in





Mr Tarun Shridhar, Former secretary, Ministry of Animal Husbandry & Dairying Govt. of India shared his words of wisdom with the audience. He presented on policy environment, regulatory issues and role of agriculture and animal husbandry for containment of AMR. Various initiatives from the government and new approaches adopted to mitigate the risk of AMR were also highlighted. He called for the joint collaboration of public private partnership to fight the challenges in efficient and improvised manner.

Mr. Michael Gerrits, Managing Director, EW Nutrition GmbH shared Innovative strategies to combat AMR and highlighted EWN's global efforts in this direction.

Dr. Shirish Nigam, Managing Director of South Asian subsidiary of EW Nutrition shared the vision and mission of the organization and thanked stakeholders for their continued association and commitment as trusted partners in progress.

Dr. Ramaraj, Sales Head- Domestic Business, concluded with a vote of thanks to the audience



and dignitaries for sparing precious time and gracing the occasion.

This exciting program was marked by the gracious presence of over 150 farmers, consultants, entrepreneurs, feed millers, integrators, stalwarts, etc of poultry industry from India and abroad. Channel partners from India and abroad including Bangladesh, Nepal

and Srilanka also graced the occasion.

The event was a great success and the efforts of EW Nutrition towards mitigating the impact of AMR were highly appreciated.

About EW Nutrition:

EW Nutrition is a dynamic company, globally active with a strong science-based product portfolio in the field of functional, innovative feed & food additives. Being located in Germany (headquarter and subsidiaries Agrochemica and Humavet) is present in globally multiple locations with EW Nutrition USA (Des Moines), GRASP (Curitiba, Brazil), EW Nutrition Japan (Gifu), EW Nutrition Biotechnology (Shanghai), EW Nutrition South East Asia / Pacific (Singapore), EW Nutrition Turkey (Istanbul), EW Nutrition South Africa (Johannesburg), EW Nutrition Australia (Goulburn, NSW), EW Nutrition Poland (Puszczykowo), EW Nutrition India (Noida), EW Nutrition Thailand (Bangkok), EW Nutrition Mexico (Mexico) and EW Nutrition Vietnam (Ho Chi Minh City).



BALANCIUS™

IT'S ALL IN THE DETAIL



Poultry production faces increasing challenges. There are so many things to consider that it can be hard to find the balance between meeting these challenges and maintaining profitability. Together DSM and Novozymes have created Balancius™, the first and only broiler feed ingredient designed to unlock the hidden potential in gastrointestinal functionality.

Through its unique mode of action, this patented technology helps optimize nutritional absorption and digestibility, so broilers get more from their feed. Balancius™ has also been shown to consistently improve feed conversion ratios by 4-6 points (3%). That's a lot of rewards for a small addition.

To discover the science behind Balancius™, visit dsm.com/balancius

 @dsmfeedtweet

 dsmanimalnutrition

 [linkedin.com/showcase/dsm-animal-nutrition-and-health/](https://www.linkedin.com/showcase/dsm-animal-nutrition-and-health/)

Bright Science. Brighter Living.™





Dr Mark Lyons Mrs Holly Lyons receive award for Late Dr Pearse Lyons

IPJA HONOURS ALLTECH FOUNDER, THE LATE DR. PEARSE LYONS, WITH LIFETIME ACHIEVEMENT AWARD

■ HYDERABAD

On November 27, the Indian Poultry Journalists Association honoured the late Dr. Pearse Lyons with the Lifetime Achievement Award at the official IPJA Award Night held in Hyderabad.

Dr. Mark Lyons, president and CEO of Alltech and son of Dr. Pearse Lyons, received the award, along with his wife, Mrs. Holly Lyons, on behalf of his father from Mr. Etela Rajendra, health minister of Telangana.

“He was driven by his curiosity, and that curiosity brought him here to India, to plant trees that he would never see grow,” said Mark. “His passion toward science and innovation was enormous, and he was able to use all these skills to unleash ideas into the world.”

An Irish entrepreneur and scientist, Dr. Lyons was a visionary who transformed the agriculture industry, beginning with his innovative application of yeast technology in

animal nutrition. The Dundalk native emigrated to the United States in the late 1970s, where he set up Alltech in his garage in Kentucky with an initial investment of \$10,000. The company focuses on improving animal, crop and human health and performance through its innovative use of yeast fermentation, enzyme technology and nutrigenomics.

Describing Alltech as a purpose-driven company, Mark quoted Dr. Lyons’ own words, “The legacy I would like to leave is: We made a difference. It’s not about making money; it’s about making a difference.”

Concluding, Mark shared Alltech’s new vision of ‘Working Together for a Planet of Plenty™’, stating, “agriculture has the greatest potential to shape the future of our planet. It



Dr Mark Lyons makes a point

is an invitation to work together, across industry sectors and geographical boundaries, to create a place where animals, plants and people thrive in harmony. Through innovation and inspiration, we will work together to build a plentiful planet.”

Nutricharge your Chicks with
Vannamin[®]
Liquid
Concentrated with 77 Organic Minerals



Vannamin
during vaccination
Reduces stress :

- ➔ Lowers Cortisol
- ➔ Boosts Immunity IgG
- ➔ Nourishes DNA
- ➔ Provides instant energy 10,450 KJ/Ltr.



Guybro Animal Health Pvt. Ltd.

201, Maruti Chamber, Fun Cinema Lane,
Veera Desai Road, Andheri (W), Mumbai - 400053
T : + 91 22 4054 6800 | E: guybro@guybro.com
W : www.guybro.com / www.toxinbinder.com

© Registered Trademark of Guybro Chemical

ALLTECH LAUNCHES 5TH ANNUAL ART CONTEST CALENDAR AND UNVEILS MYCOTOXIN SURVEY DOCUMENTARY AND RAPTOR MOBILE APP IN POULTRY INDIA 2019

■ HYDERABAD

The Alltech stall at Poultry India 2019 became a stage for announcements with the launch of the Alltech Art Contest calendar. Dr. Mark Lyons, Alltech President and CEO, and Dr. Aman Sayed, India Managing Director and South Asia regional Director, unveiled the calendar alongside chief guest, Mr. Dhiraj Chaudhary, managing director of Hitech Nutrition.

This is the fifth year of the Alltech Art Contest, aimed at children aged 5–16 years. This year, Alltech India received 800 submissions from across the country, which beautifully displayed the imagination of India's youth. All participants were awarded a participatory certificate and gift, and the 39 finalists were rewarded with a cash prize along with gifts.

5th Annual Art Contest 2019 Winners

Age	First	Second	Third
5	Vinisha	Kavya Viral Patel	Aadhya
6	Parinitha R	S. Vidhush	SougataMaity
7	Tanishk Yadav	S. Hasini	Thadi Livia Sri
8	Mary Jenishka J	Aliya Bansal	Smrithi D. Rai
9	Shreyas Sanjay Nikam	Srinjan Mukherjee	S D Aaradhya
10	S. Shrivika	Devika	Ankit Kumar
11	Mahip Singh Saini	Anvith H	D. Nivas Reddy
12	Nirali Yadav	Ananya	CH Subhakanta Das
13	Aniket Pramanik	Yatri Patel	Loveditya Jain
14	Q Aamira Rahman	Debasmita Kar	Tushar Banik
15	Dhanush D S	Karanvir Singh Bhatti	S Dharsha
16	Jalpan P. Dave	Mansimrat Kaur	Prastish Fatima
Jury selections	Soham Chandrakant Devkar	Onkar Sudhakar Pawar	Amrut Dattatray Mahamuni

The theme of this year's competition was "A Planet of Plenty™" — the new Alltech vision inviting collaboration across industries and geographies for new technologies and practices that will improve the well-being of our world and all of its inhabitants.

The second day of Poultry India marked another important event, with the launch of the fresh harvest maize and soya mycotoxin survey results and documentary. Dr. Lyons raised the curtain on the survey documentary and celebrated the moment with champagne and cake.

Alltech India surveyed maize and soya to better understand the ground reality for the

high price of raw materials. Concentrating on the major maize growing states like Karnataka, Maharashtra and Telangana, along with Madhya Pradesh for soybean, the team reached out to farms and markets to understand the issues and collect samples. These samples were then tested for quality at the Alltech 37+® mineral analysis laboratory in Dunboyne, Ireland.

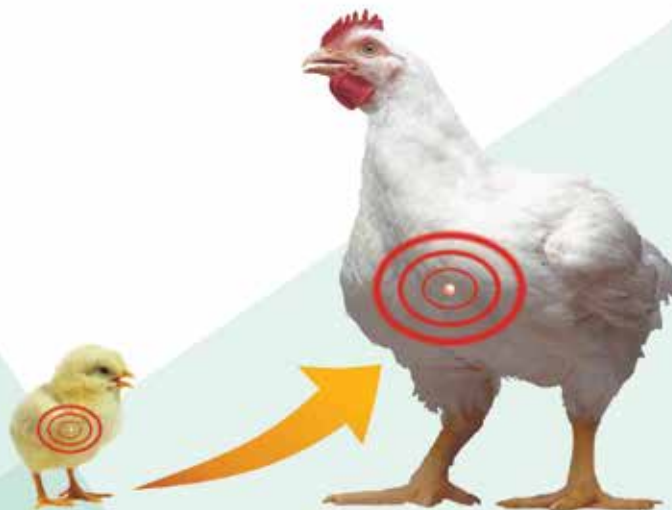
Fall armyworm and excess rain were observed as major factors in crop loss, resulting in a supply crisis and increased prices. Dr. Manish Chaurasia, South Asia poultry marketing manager, explained the objectives of taking up the survey, while Ms. Raksha P R, marketing

executive, described the groundwork done for the survey. Dr. Lokesh Gupta, South Asia poultry technical manager, then broke down the results of the 37+ testing, stating that, average of number of mycotoxins found in collected sample was five.

Following the ceremony, Dr. Nick Adams, Alltech® Mycotoxin Management team, global director, launched Raptor, a mobile application for analysing mycotoxin results.

Other highlights from the Alltech stall were the mezzanine space for live instrument demonstration, the magic mirror selfie booth and happy hours with mocktails to educate and entertain customers.

Optimizing **Intestinal Integrity** for Year Round Performance



INVEST

with



25 kg kraft paper bag

HARVEST

with



25 kg kraft paper bag

WIN

with



25 kg bag

Elanco

ELANCO INDIA PRIVATE LIMITED
Western Edge I, Unit No. 201, 2nd Floor,
Near Western Express Highway, Borivali (East), Mumbai 400066
For product queries: Tel: 91-22-66156703
Email: india.ahcare@elanco.com, www.elanco.com

Maxiban, Monteban, Surmax, Elanco and the diagonal bar logo are trademarks of Elanco or its affiliates

©2019 Elanco or its affiliates

PM-IN-19-0030

DUN & BRADSTREET – RBL BANK SME BUSINESS EXCELLENCE AWARD 2019 TO INDIAN HERBS, SAHARANPUR

The latest award from D&B adds further credentials and credibility to Indian Herbs, which has now become a company with global reach. Indian Herbs' products are now marketed in around 50 countries of the world.



■ Saharanpur

Dun & Bradstreet, the world's leading credit rating agency and knowledge providers, has selected Indian Herbs Specialities Pvt. Ltd., as a winner of the RBL Bank SME Business Excellence Award 2019 in the Pharmaceuticals sector, in recognition of the role it is playing in the nation's development. The recognition is given to most innovative companies besides other criteria. The award was presented by Shri Pratap Chandra Sarangi, Honourable Minister for Micro, Small & Medium Enterprises (MSME) ministry, Govt. of India, at a grand event held on 20th November, 2019 at Hotel Hyatt Regency, New Delhi and on behalf of Indian Herbs, the award was received by its Director, Shri Vipul Agrawal (2nd from left).

Indian Herbs, has been winner of many prestigious awards from Government of India, Government of Uttar Pradesh and reputed

autonomous bodies and associations in the past, for outstanding quality products, outstanding R & D achievements, outstanding entrepreneurship, product quality excellence, significant export performance etc.

The latest award from D&B adds further credentials and credibility to Indian Herbs, which has now become a company with global reach. Indian Herbs' products are now marketed in around 50 countries of the world.

Natural (herbal) products are now preferred all over the world due to the adverse and untoward effects associated with synthetic chemical products and additives. Indian Herbs is a leading and pioneer enterprise in this field and its products are very successfully marketed in different parts of the world, including the developed countries.

Know how to optimize your feed mix.

AMINO Tools and Services provides the analytical means to optimize animal feed.

AMINO Tools and Services provides all means required to improve animal performance and helps to utilize feed ingredients in the best possible way. Economically, but also in regards of animals' well-being.

Essential part of Evonik Precision Livestock Farming

animal-nutrition@evonik.com
aminotools.com

AMINOTools



LUMIS ENZYMES

EXHIBITED IN POULTRY INDIA, HYDERABAD



ABT CORPORATION

EXHIBITED IN POULTRY INDIA EXPO 2019, HYDERABAD



G-4, 3rd Main, Hebbal, Bangalore - 560024, India
Customer Care No: +91-80-23548689
Web: www.abtcorporation.com
E-mail: info@abtcorporation.com
An ISO 9001:2008, 14001:2004 & GMP Certified Company

IBC & LIPTOSA AGREEMENT

ENVISAGES NEW RELATIONSHIP FRONTIERS



■ Hyderabad

Indo Biocare Pvt. LTD (IBC), has recently signed an Agreement with Lipidos Toledo S.A, (Liptosa) to exclusively market their range of Natural Products for the Poultry segment in India.

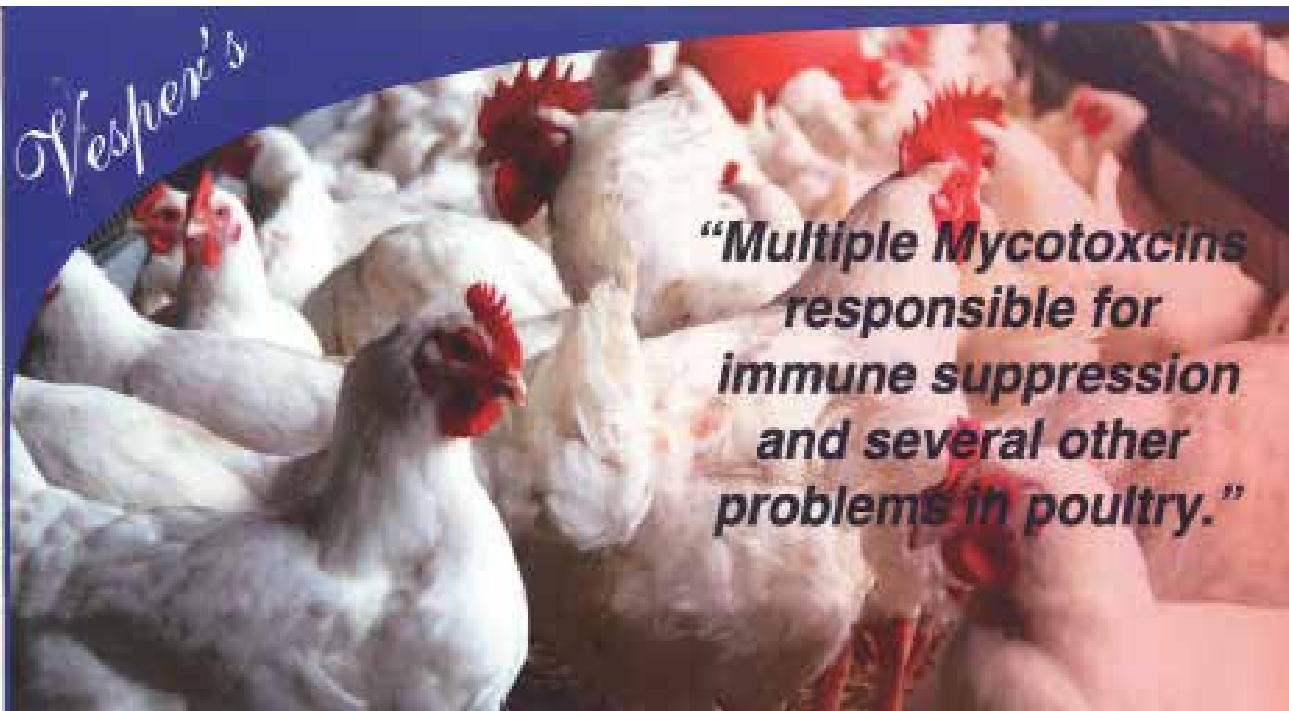
Founded in 1994, Liptosa, is a Spanish Bio technology company, based on their philosophy of “Green way of Life” is dedicated towards developing Natural Products for use in various Animal segments. Presently, their Products are sold in almost 60 Countries and include, Poultry, Large Animals, Companion animals, Aqua culture, Avi culture, etc.

Indo Biocare Pvt. Ltd (IBC), headquartered at Vadodara, Gujarat began its journey 20 years ago with the principal focus of Professionalising Animal Health distribution in India. Headed by Dr T.G. Chandramohan, IBC has the privilege of introducing range of Products from Elanco, Bayer & Lohmann until Bayer & Lohmann decided to have their own Marketing teams.

In support of the Marketing arrangement with Liptosa, a series of events including Product & Sales Training, Technical Seminar for Veterinarians of Telengana & AP regions, a Booth in the Poultry Expo were jointly organised by Liptosa & IBC Teams at Hyderabad during November 24 – 29, 2019.

LIPTOSA was represented by Ms Ewa Sujka, Commercial Director and Dr Carlos Lopez, Asia Area Manager. During their visit, 3 Natural Products from Liptosa were introduced for the





“Multiple Mycotoxins responsible for immune suppression and several other problems in poultry.”

CMI PLUS

IMMUNITY ENHANCER

Enhances CMI response.

- Reduce incidences of mortality due to bacterial/viral diseases.
- Improves disease resistance.
- Reduce incidences of lameness.
- Improves weight gain and FCR



Mycostat

Antifungal, Antitoxin & Performance Protector

Takes care of fungal growth and toxin formation.

- To Reduce gut pH, pathogens and toxins.
- To increase intestinal activity and stimulate immune system.
- To get best results from the **Vaccination programs** being followed.
- To increase disease resistance and enhance performance.



Manufactured by: **VESPER LABS**
Singapore, Vidyanagar Post
Bangalore - 560 097
Email : info@vespergroupvet.com
Website: www.vespergroupvet.com

Customer care No: 08023254333

An ISO 9001:2008 Certified Company

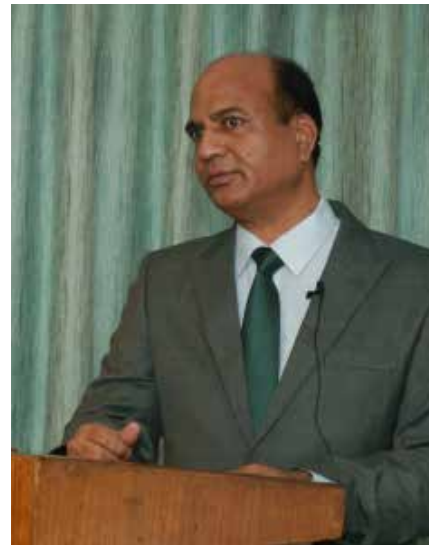
VISION *The Best Today*
Control Element
Change Product
Grow Customer



Indian Poultry segment:

- **COCCILIP** - Liquid & Powder preparations: To manage Coccidiosis & Enteritis, the Natural way.
- **LIPTOSAFE**- Liquid preparation : Detoxifier and Broad spectrum activity supporting Liver, Kidney & Intestinal functions, overall Immunity enhancer. Natural Liver modulator,
- **FINTOX PRO ADVANCE** - Powder preparation: Anti-Mycotoxin & Detoxifying Additive has a very broad spectrum activity against major mycotoxins.


All the 3 Products will be available in India through the distribution network of IBC by December end.




Previte™ Alpha D3

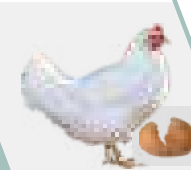
The purest bioactive Vitamin D3 metabolite in the industry !

Previte™ Alpha D3, available in concentrate and premix form, is formulated with the purest, BP grade 1alpha(OH)D3 to offer a highly bioactive and safe product that will result in major gains via improved quality, productivity and significantly higher returns.

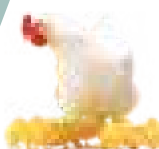





Prevents T.D. & lameness



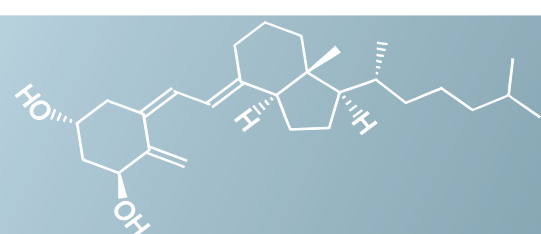
Improves hatchability in breeders



Higher production



Reduces egg breakage



Redefining Vitamin D3 Nutrition....



Chembond Biosciences Limited

Chembond Centre, EL-71, MIDC Mahape,
Navi Mumbai - 400 701, INDIA
Tel.: +91 22 6264 3000 Fax: +91 22 2768 1294

E-mail: info@chembondanimalhealth.com | www.chembondanimalhealth.com



Mr BS Rana, Shri Etela Rajender lighting the Inaugural Lamp, Mr Chakardhar Rao and Mr Subramaniam

IPJA FELICITATES POULTRY STALWARTS AT A GLITTERING CEREMONY AT HYDERABAD

■ Hyderabad

Indian Poultry Journalists Association (IPJA) conducted an impressive Global Award Ceremony at Hotel Trident, Hyderabad on 27th of November, 2019 in the evening. A galaxy of poultry stalwarts from across the globe descended on the venue of this glittering ceremony.

The mega function started with the Inaugural Lamp lighting ceremony by the dignitaries on the dais, which was followed by a welcome speech from IPJA President, Mr BS Rana.

Mr BS Rana welcome all the dignitaries,



Compere during event



Shri T. Srinivas Yadav receives bouquet from Mr B SRana

Introducing
First time
in India



SkyCTC[®]

Chlortetracycline 20% Soluble Powder

Sky CTC[®] 20% Soluble Powder
Containing : 1 Kg contains Chlortetracyclin HCl 200g.



Riath Healthcare Pvt. Ltd.

Shantiwilla, Shantivan tower, Dnyanesh lane, Borivali (west) Mumbai-400103.

Customer care No. : +91 9892729888, Email : Customercare@riathhealthcare.com, website : www.riath.in



Mr Rana addressing the audience

Minister of Medical & Health & Family Welfare, Govt of Telangana, Dr Mark Lyons and others.

He said we at IPJA today, are happy to be with the top brass of the poultry stalwarts from across the globe, at this function and I thank them, for their kind presence, inspite of their busy schedule.

He stated that our motive to organize this ceremony is very simple, but important in the sense, that we recognize, appreciate and felicitate the stalwarts of poultry, who have the guts to think out of the box.

The contribution of these people, paves way for the rise of poultry, on the global platform, through remarkable innovations. This award ceremony, shall also act as a booster, to the ambitious fellow poultry fraternity, to endeavor into rendering, something specifically beneficial, to this industry, he added.

It is a great feeling to be recognised and

awarded, and we really decided, not to let down our torch bearers of this industry, and hence this award ceremony, he stated. In my view, they deserve it, and so we will confer it on them.

He said we have a panel of qualified poultry experts, in the award selection panel. These people without any bias, just pick up the most deserving ones, in a particular category. We try to do full justice to the genuine candidates. Though our association IPJA is India based, yet our thinking is global, this can be confirmed by the fact, that we select the deserving candidates for the award ceremony on a global basis, he added.

He said we always appreciate and encourage, the exchange of ideas and information, within the poultry industry, because it always takes us, to a higher pedestal of development.

He asserted that IPJA, a non-profit organization, since its inception, has been seriously involved, for the cause of poultry and here in India, we organize series of technical seminars and award the exceptional contributors to the poultry industry, which has been greatly appreciated, by the poultry fraternity.

Mr Rana said it is our promise, that we shall continue working for the cause of poultry, till they reach the stage of being well informed, and self sufficient in poultry production. It is a

matter of pride for all of us, that poultry today, is the most preferred non vegetarian dish worldwide. And to feed the ever growing world population, we need to multiply our production, ofcourse with quality, he added.

We also need to keep in mind, of the changing trends, in nutrition habits and preferences of the consumers. By this I mean, poultry production with complete biosecurity, no antibiotic or trace mineral residue. Let us take an oath on ourselves, to deliver our very best, that ensures complete consumer satisfaction, in the coming future for all our poultry products.

I hope this event will be in your memory for a long time, as we have tried our best, to make you comfortable and happy. Lastly, I thank all the dignitaries, assembled delegates, sponsors and IPJA team for their support, in making this event, a grand success.

Shri T. Srinivas Yadav while addressing the assembled gathering praised the efforts of IPJA. He said knowledge is fundamental to the growth of any business as it keeps an individual well informed to stay afloat in the competitive times. Quoting the pretext of the IPJA Global Award Ceremony, he said it is a great gesture from IPJA that it has cared to felicitate the stalwarts of poultry from across the globe. He said that when we recognize the outstanding contribution of an individual and award him



Overcome
the obstacles...



Introducing

HimLay

Egg Production booster

- Triggers production in non-layers
- Restores egg production
- Maintains peak production



or her, it acts as a booster for them to perform still better and it also raises their self-esteem. He also praised the conduction of series of technical seminars organized by IPJA in various poultry locations of India to provide the latest information on poultry to them and this is a great effort and service from their side to uplift the poultry production in India.

Then began the IPJA Global Award ceremony and following is the list of the recipients of IPJA Global Award 2019 stated below:

1. Best Farmer Category: Mr. Suresh Gupta - Sunil Poultry, Panchkula - Chandigarh.
2. Best Scientist: Dr. Suresh Sharma – Vesper Group, Bangalore
3. Best Breeder: IB GROUP – Rajnandgaon , Chattisgarh
4. Best Healthcare Pharma: ZOETIS – Mumbai , Maharashtra
5. Best Nutrition: ABTL – Pune , Maharashtra
6. Best Biological: HESTER – Ahmedabad , Gujarat
7. Best Equipment: CHAKRA GROUP - Hyderabad, Telangana
8. Best Feed miller: BHAVANI FEEDS - Hyderabad, Telangana
9. Best Impact in Poultry: PROVET – Chennai, Tamil Nadu
10. Lifetime achievement: GLOBAL: ALLTECH – Dr. Pearse Lyons USA, award was received

by his son Dr. Mark Lyons

11. Best Innovation in Poultry: Dr Yash Goyal – Pune Maharashtra
12. Best distributor: TARA GROUP - Hyderabad, Telangana
13. IPJA appreciation: Arun Kumar Roy (breeder, farmer, processor and feed miller) – Mangalore , Karnataka



Shri Etela Rajender addresses the audience

Shri Etela Rajender said that he has been a regular visitor to the Poultry India exhibition and praised the efforts of IPJA in recognizing and felicitating the outstanding performers in poultry. He said IPJA is doing a great service to the Indian poultry sector by organizing such programmes. He said poultry has a great potential to provide mass employment as well as protein rich diets to fight malnutrition in the

country. He said poultry is a natural source of protein and is available at the cheapest price.



Mr OP Singh makes a point

Mr OP Singh was all praise for the determined effort of the IPJA team and said it is a matter of great pride for the recipients to be recognized for their outstanding contribution. He said, an expert panel has selected the outstanding contributors to poultry and they deserved to be awarded. He said poultry has immense potential and we need to tap it to the best we can.

The gala ceremony ended with a cultural programme, cocktail and dinner.



IPJA Global Award Selection panel



GARTECH

ENGINEERING POULTRY



G E ULTIMA BATTERY FOR COMMERCIAL LAYERS



G E ULTIMA BATTERY FOR BROILER BREEDERS WITH ACCU-FEED WITH QDTS TECHNOLOGY FOR FEEDING

G E ULTIM4

ULTIMATE SOLUTION FOR LAYERS AND BREEDERS



BROILER CAGES



G E Royal Plus⁺
FOR COMMERCIAL LAYERS



GARTECH EQUIPMENTS PVT. LTD.

| +91 99229 01922 | +91 98225 45658 | info@gartech.co.in |
| 137&138, Chale, Mulshi, Pune -412108, Maharashtra, India |
| www.gartech.co.in |

IPJA Global Award Recipients



Shri Etela Rajender presents the award to Mr Subramaniam



Shri Etela Rajender presents the award to Dr Suresh Sharma



Shri Etela Rajender presents the award to Mr Chakradhar Rao



Shri Etela Rajender presents the award to Dr Muthu Selvan



Shri Etela Rajender presents the award to Dr Hari Prasad, Zoetis



Shri Etela Rajender presents the award to Mr. Suresh Gupta - Sumil Poultry

2XD3[®]

The natural source of 1,25-dihydroxyvitamin D₃



Healthy Bones



Improves hatchability in breeders



Better egg shell quality



Improves health and immune function



Hester Biosciences Limited
Pushpak, 1st Floor
Panchvati Circle
Motilal Hirabhai Road
Ahmedabad 380006
Gujarat, India

Phone +91 79 2644-5106
Email mail@hester.in
Toll Free 1-800-233-7937
www.hester.in



20 kg



Shri Etela Rajender presents the award to Dr Yash Goyal



Shri Etela Rajender presents the award to Mr Rasmin Patel, HESTER



Shri Etela Rajender presents the award to IB Group



Dr Mark Lyons & Mrs Holly Lyons receive award for Late Dr Pearse Lyons



Shri Etela Rajender presents the IPJA Appreciation Award to Dr Arun Kumar Rai



Shri Etela Rajender presents the award to Bhavani Feeds



Shri Etela Rajender presents the award to Mr OP Singh and Dr Anand Khandwekar, ABTL



Shri Etela Rajender presents bouquet and shawl to Mr Suresh Chitturi

PREVENT & CURE WATERY DROPPINGS



MAINTAIN GUT INTEGRITY

MONSOONS ARE HERE AND YOUR BIRDS ARE MOST PRONE TO DIARRHOEA. GUT INT HAS BEEN FORMULATED BY EXTRACTING AND ENERGIZING ORGANIC PHYTOGENICS KNOWN TO CLEANSE THE ALIMENTARY TRACT, IMPROVE DIGESTION AND ACCELERATE RECOVERY FROM GUT INFECTIONS AND SYMPTOMS OF DIARRHOEA.

ORGANIC • PHYTOGENIC • SCIENTIFIC



TECHNICAL ADVISORY • FEED FORMULATIONS • FARM & HATCHERY MANAGEMENT • NUTRITION LAB SERVICES
Manufactured and marketed by **NOBLE VETSCIENCE**, 5, Dee Bee Tower, South Main Road, Lane No.5, Koregaon Park, Pune 411001, Maharashtra, INDIA ☎ +91 20 26 15 19 30 ✉ sales@noblevetscience.com 🌐 www.noblevetscience.com

IPJA Global Award Highlights



Dr Ong Shyong Wey, DVM, HIPRA



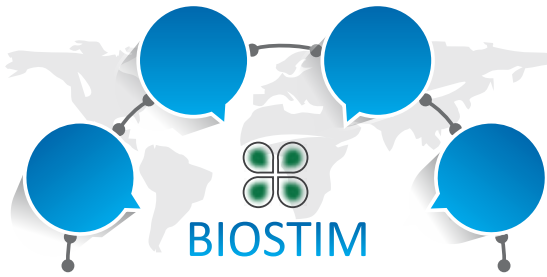
Dr Mark Lyons makes a point



IPJA team honours Shri Etela Rajender



Mrs Chakardhar Rao (Right)



GUT HEALTH PROMOTER

Biostim is a carefully chosen blend of essential oils with Oreganum Vulgare L. as key component



Complementary feed for Breeding, Rearing and Laying Hens

RED MITES CONTROLLER



RESPIRATORY SOLUTIONS

Excellent support during respiratory and breathing problems, Reduction of heat stress

A Product of:



Ceresstraat 13, 4811CA, Breda, Netherlands.
Email: info@bioceutisch.nl, Web: www.bioceutisch.com

Marketed in India by :
RAVIOZA Biotech
www.raviozabiotech.com

IPJA Global Award Highlights



IPJA members welcome Shri Etela Rajender



IPJA members honour Shri T. Srinivas Yadav



Shri T. Srinivas Yadav with IPJA team

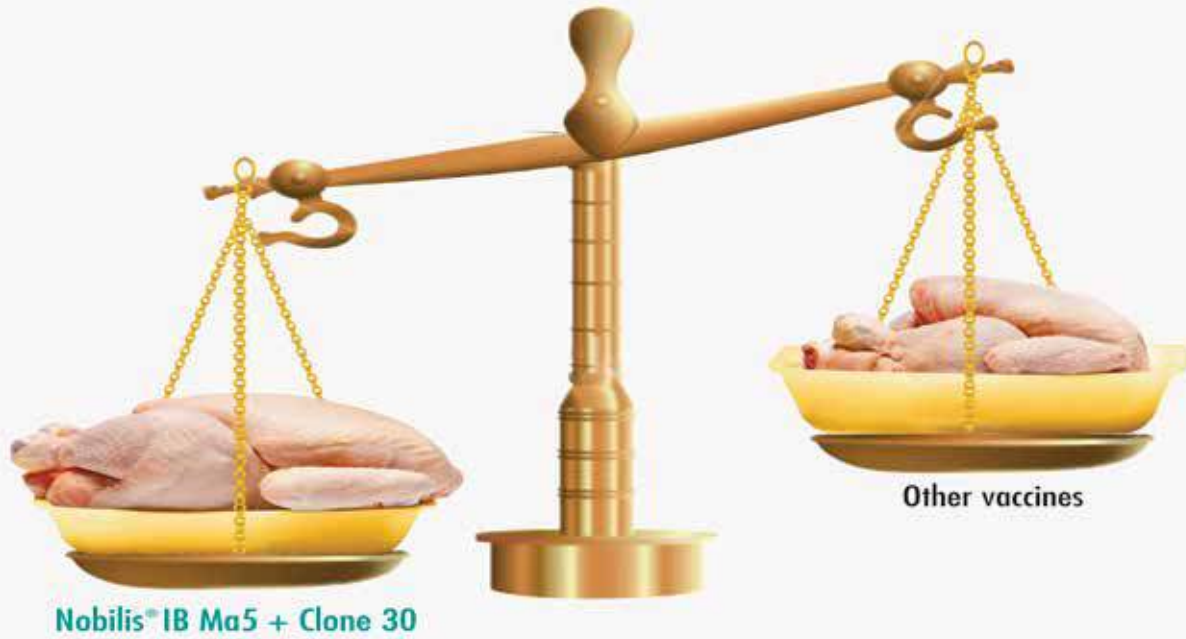


Dr DK Dey lights the lamp



Nobilis® IB Ma5 + Clone 30

Winning combination from day 1



Intervet India Pvt. Ltd
33, Pune- Nagar Road, Viman Nagar, Pune-411014, India.
Ph. No.:+91 20 66294700 – 01, Fax: +91 20 66050410,
E- mail : info.india@merck.com, www.msd-animal-health.co.in



241-1119



Dr Suresh Sharma with wife



Dignitaries and poultry farmers at event



Cross section of the delegates



Mr Chakradhar Rao with wife



Cultural Programme

MAXIMIZE NUTRITIONAL OUTPUT...

XylaOpt™

Intrinsically Thermostable Xylanase
with Optimal Energy Release

ENERGY BOOSTER

FEATURES

- Superior thermostability (Up to 95°C) for consistent performance.
- Unique pH activity profile.
- Maximum energy release and feed cost savings.



+91 20 2729 1020 / 21
info@abtl.in
www.abtlenzymes.com

ABTL
ENZYMES • NUTRITION • TECHNOLOGY



Attentive audience



A magician in action



Mr Soundararajan (left) at the event



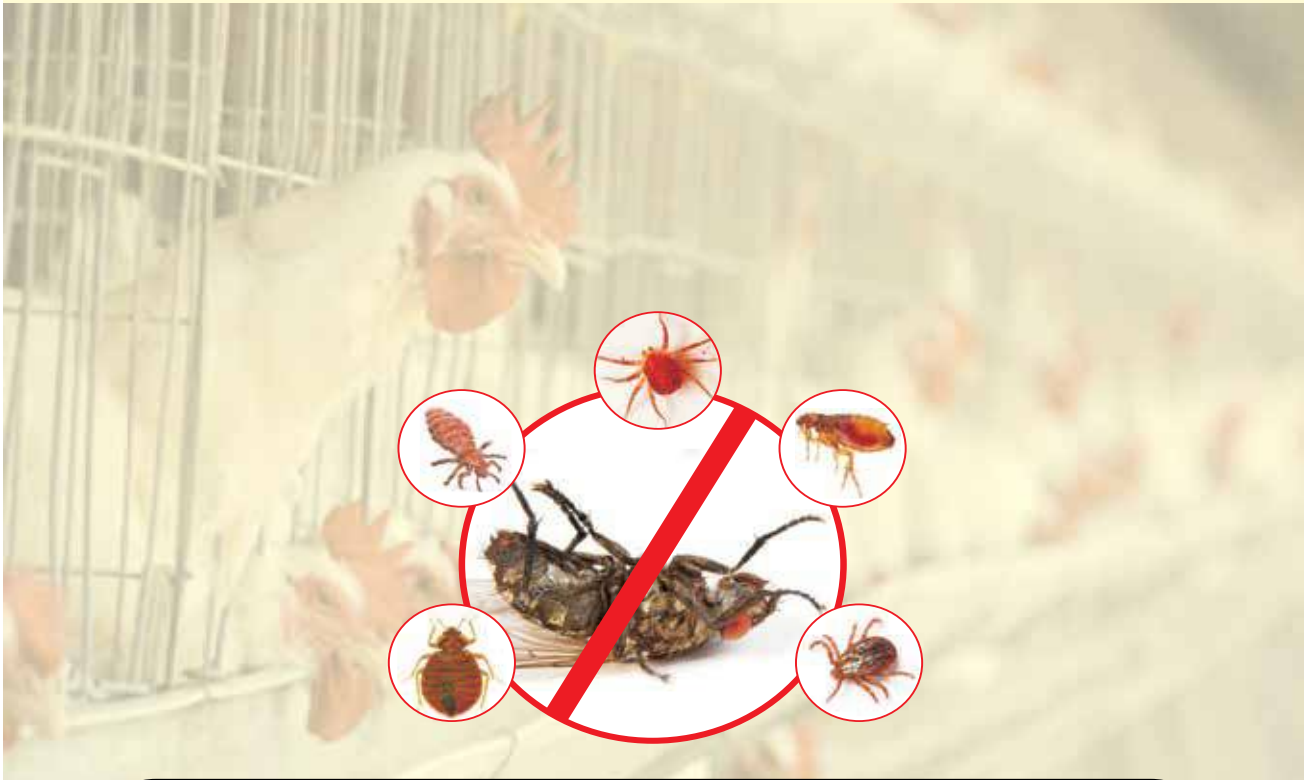
Shri T. Srinivas Yadav with Mr Chakradhar Rao



Control Flies Biologically

LitterMan™

The Complete Litter Control



*** Reproductive Effects in Birds Exposed to Pesticides and Industrial Chemicals**

*** Acute Mortality**

*** Reduced Fertility**

*** Sub-lethal Stress**

*** Eggshell Thinning**

*** Suppression of Egg Formation**

*D. Michael Fry - Department of Avian Sciences, University of California, Davis, California - Environ Health Perspect 103(Suppl 7):165-171 (1995)

Stop Pesticides

Improve Farm Productivity



Administrative & Marketing Office :

A 2 Basant, Prarambha Society, 135/4 Erandavana, Pune - 411 004.

Email - anshumanindustries@gmail.com Customer Care : 07350002037



Mr Harish Garware, Mr Soundararajan Dr Ranjith Reddy lighting the Inaugural Lamp, Mr Anil Dhumal and Dr Pankaj Shukla

KNOWLEDGE DAY AIMS AT IGNITING MINDS AT THE TECHNICAL SEMINAR

■ Hyderabad

The Poultry India management apart from conducting a series of successful Poultry India Exhibitions each year has also been focusing on regular conduction of Knowledge Day Technical Seminars each year just prior to the main Poultry India event. This year the Knowledge Day was conducted at Hotel Novotel, Hitex City, on November 26, 2019.

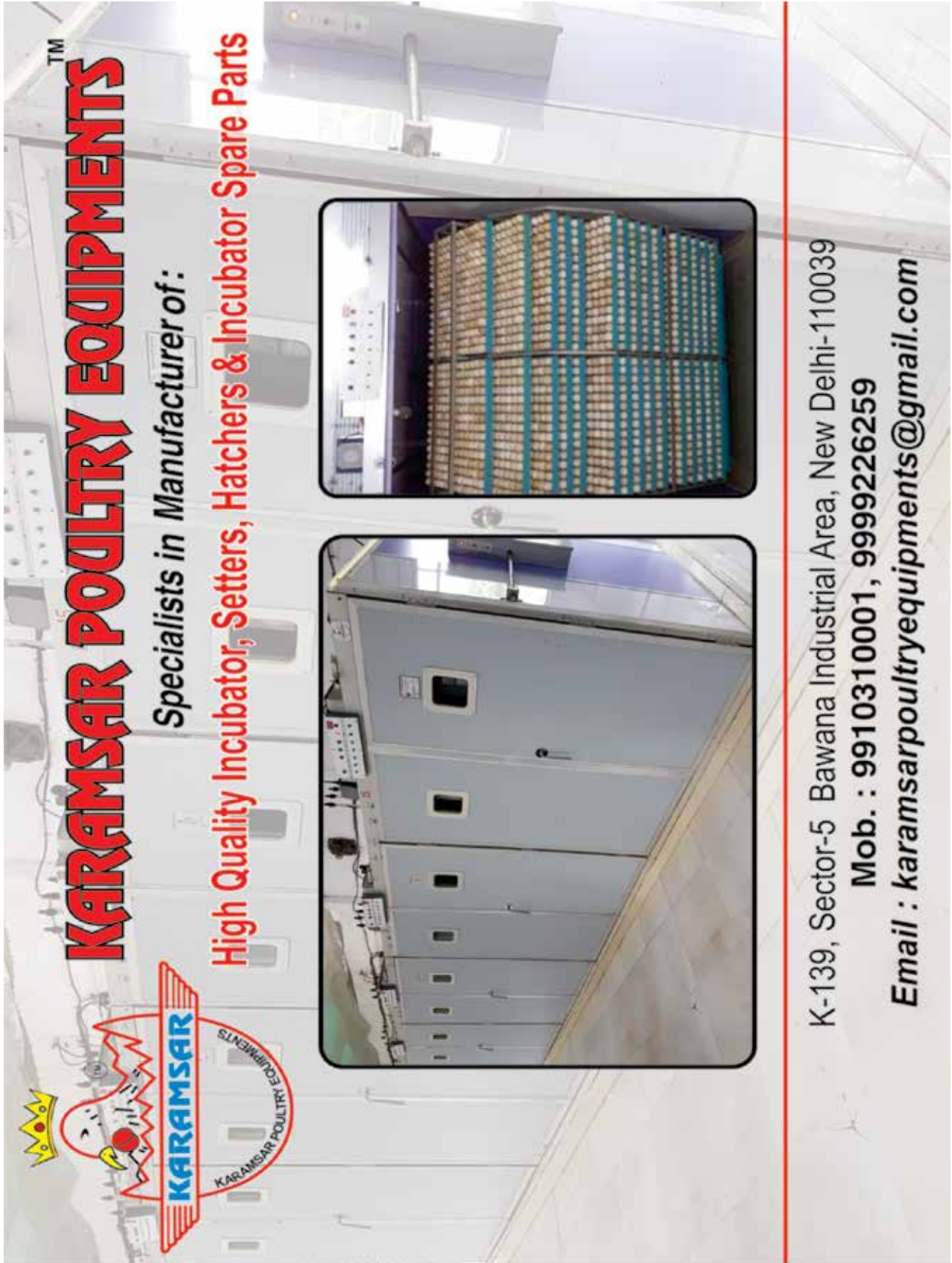
The session began with the lighting of Inaugural Lamp by Dr G Ranjith Reddy, Member of Parliament, Lok Sabha, flanked by Mr Chakardhar Rao (President- IPEMA), Mr Harish Garware (Ex President- IPEMA), Mr GB Soundararajan (All India Poultry Breeders Association), Mr Anil Dhumal (Ex President-IPEMA) and Dr PK Shukla (Mathura University).



Mr Anil Dhumal welcomed the delegates at the Knowledge Day session. He said there has been a very good response for the Knowledge Day and declared that we have more than 1250 online registration and around 150 spot registrations for this event. He said for the exhibition we have around 350 exhibitors out of which 99 are international exhibitors and the show will be from November 27-29, 2019 at the Hitex Exhibition Centre with over 30,000 visitors expected for the show.

He said this is a knowledge sharing platform and the Chairman is Dr Pankaj Shukla who shall

provide with the details. He said there should be an eagerness to learn more things and upgrade ourselves and all this depends on how one uses his mind to assimilate it. He spoke in detail on mind management. He said at the end of the second session we have a motivation programme by Mr Chetan Bhagat. He said that this year has been very stressful for our industry, high feed prices, cage ban issue and now the import of chicken leg issue. He said we are fortunate to have Member of Parliament, Dr Ranjith Reddy for our support and he has taken this matter with the Government which is very encouraging. In the evening we have our legends honouring programme and this year we are going to honour Mr PS Nand Kumar, Mr Ponnarai Lakshmaiah and Mr Thorat from Pune. He said after this knowledge sharing session the



KARAMSAR™
KARAMSAR POULTRY EQUIPMENTS

Specialists in Manufacturer of:
High Quality Incubator, Setters, Hatchers & Incubator Spare Parts

K-139, Sector-5 Bawana Industrial Area, New Delhi-110039
Mob. : 9910310001, 9999226259
Email : karamsarpoultryequipments@gmail.com

delegates will have some take home points to upgrade their production.



Dr Pankaj Shukla welcomed the delegates on the 13th edition of Knowledge Day. He thanked the efforts of the Knowledge Day organizing team which had 10 members which

includes Mr Harish Garware, Dr Vijay Makhija, Dr Manjunath, Dr Dinesh Bhonsale, Dr PS Mahesh, Mr Rajesh Rosia, Dr Ajit Ranade, Dr Shivaji Dey and all together we have taken seven topics to be deliberated and the theme today is –“Igniting Minds.” He said if this spark can be given which turns into a ray of hope and can achieve our motto. He said in real sense this is the year of happenings for the Animal Husbandry sector which has created a history and the very first is setting of the Ministry of Fisheries, Animal Husbandry and Dairying and it is a big step in the history of this country because Animal Husbandry has been recognized upto that stage to set a special Ministry. The second being Dr G Ranjith Reddy being elected as Member of Parliament, Lok Sabha, who raised the voice for poultry in the very first address to the Parliament. The poultry fraternity is very happy that in times to come there shall be man policy interventions for betterment of Indian poultry. He wished to see Dr G Ranjith Reddy as a member of Standing Parliamentary Committee on Animal Husbandry. He said it is time to think that how our poultry sector will join the economy to combat with malnutrition and if we see the national statistics more than 3 crores of children are malnourished in this country and 50 percent of child deaths are due to malnutrition.

He said poultry can become a tool to combat malnutrition and safeguarding human health in times to come. He said the last 10 years was very slow progress in improving the nutritional status of this country. The NHFS has shown a sheer improvement 2003-2005 and 2013-2014 of 5-7 percent. He said our food habits are changing and the children and youth between the age group of 8-17 today are almost 75 percent non-vegetarian. He said we have a lot of scope for poultry in the nation building process. He said we are happy that Indian poultry is growing fast. He said there has been a dismal export of eggs

and chicken. Of the 1400 billion eggs produced worldwide only 11 percent enters international trade but if we see India, only around 3-4 percent so it a point to ponder whether we can improve this. He said likewise in broiler meat production 6.8-10 percent enters world trade but in India it is only 3.8 percent. He said there are challenges as we move forward but we must achieve this. He said the present challenge is the rising feed prices and as we all know 70 percent of the total input on poultry production is made on feed. He said the rising prices of maize and soya has made it extremely difficult for this sector to remain competitive in this market. He said we are combating the cage ban issue since last two years and there were problems with animal welfare issues but fortunately that has been transferred to the Animal Husbandry ministry. He said the news on import of chicken legs had created sleepless nights for our poultry sector for about 3-4 months but with the intervention of our MP, the industry went to the group of ministries and finally the Niti Ayog has also supported our industry.



Dr G Ranjith Reddy delivered the keynote address and thanked the organizers for conduction of Knowledge Day Technical Seminar.

He also welcomed the dignitaries, eminent speakers and the assembled delegates. He congratulated Dr PK Shukla for organizing this event. He said on previous occasions, he had represented Poultry Breeders Association at various forums. He said the poultry fraternity should be proud to declare that they provide affordable nutrition to the people. He said the Indian poultry industry is mostly misunderstood and very less understood by both the consumers and the government and this is a misfortune for us. He said this will not happen again as you all know that that there are two representatives for poultry industry in the Parliament including him and Dr Chinaraaj AKP from Tamil Nadu. He said we should give standing ovation to Shri Giriraj Singh (Union Minister of Fisheries, Animal Husbandry and Dairying, Government of India.)

Dr Ranjith Reddy said Shri Giriraj Singh Ji and Mr Sanjeev Balyan with all the bureaucrats are there to help us along with me and Mr Chinaraaj AKP. They are all well aware of the problems

faced by the Indian poultry industry. He said they have all promised to care well of the poultry industry. He said in his very first address in the Parliament, he had raised the issue of poultry. He assured to live up to the expectations of the poultry industry. He said poultry made a humble beginning in India and with three decades of experience in poultry. He said e have grown to become 3rd largest in egg production and 4th largest in chicken production on the global scale. He said let us start talking about how to grow still further from here like jumping to the 2nd in egg production and 3rd in chicken production since last one decade and for this we definitely need the support of the Government of India to surge ahead. India is continuously growing in the poultry segment at the rate of 7-8 percent only in India and this is unlike the milk and aqua industry where the Government is always giving a helping hand and support by way of subsidies but there are always hurdles for the poultry industry.

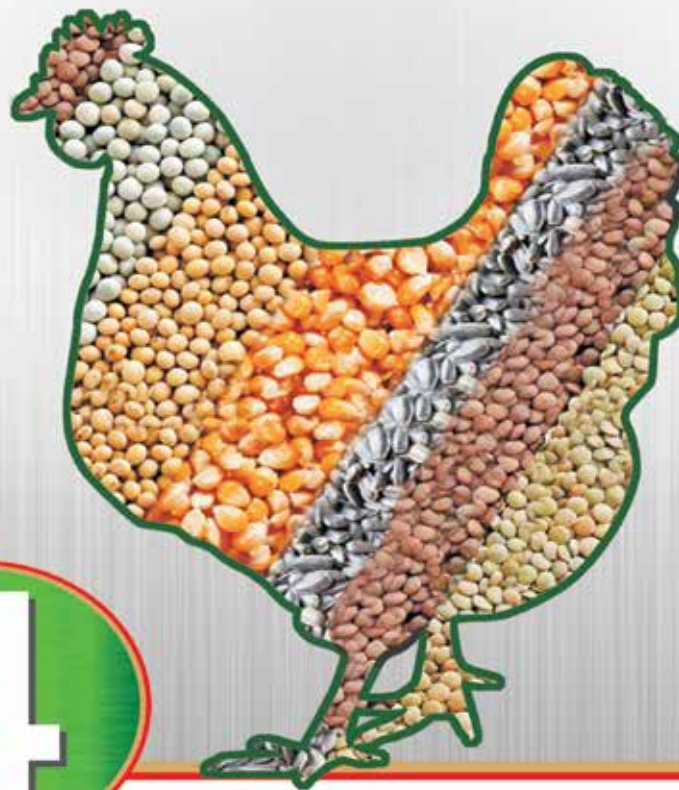
Time and again we have requested for subsidy and electricity, imports, the tariff of additives, amino acids and this has never happened. He said the Telangana Chief Minister KCR has given Rs 2 subsidy on electricity tariff and he was the first man to make maize available in case of short supply. He requested people assembled there from other states to take this cue from Telangana and try to help out poultry farmers in their state as well. As for the 5 trillion economy envisaged by the central government poultry industry if addressed ell can give a substantial contribution from its side. He said this industry which makes lakhs of crores of contribution to the GDP is as big as the telecom industry. HE said the Indian Government apart from going for the 5 trillion economy should also address the health and the nutritional issues. In that case the poultry industry will also make great contribution to the 5 trillion economy as well as health and nutritional issues. He said that in case of agriculture the Government declares the Minimum Support price or cereals like corn, wheat, rice, soya. Poultry is the cheapest source of protein and whenever this sector has problems the Government does not come to the rescue. He requested the Central Government to also declare the MSP of the Chicken and eggs as it will be a moral-booster for this industry.

He said for the last so many years the layer industry is bleeding and had the Government come to the rescue of the layer industry and

US CuraTox- FS

**Feed Health
is Vital for
Bird Health**

Multi-Spectrum
Toxin Control
Formula



4

**Way Action
For
Feed Protection**

- **Chemisorption**
- **Biotransformation**
- **Bioprevention**
- **Lipotropic Action**

www.neospark.com

Neospark

An ISO 9001: 2015 Certified Company

mail@neospark.co.in

it could help by putting the eggs in the cold storage the industry could have recovered long back. He said in India we have all the required climatic conditions to support agriculture but in difficult times the Government takes care of the agriculture sector but not poultry. He said if the Government lends a helping hand India can definitely export the poultry to the Middle East. When it comes to vaccines and amino acids, we all know that vaccines are essential to keep the birds healthy and immunization of a particular strain in the right time will definitely help the production capacity of the poultry industry. He appealed for the availability of the vaccines for the prevailing poultry diseases in times of need. In case of amino acids there are only a handful of manufacturers in the world. Under the Make in India scheme, he sought permission from the Government to help in setting up amino acid production plants in India and even export it to other countries. Poultry sector forms 20 percent of the livestock sector in India. Indian poultry consumes 15MMT of corn and 5 MMT of soya and asserted that the doubling the income of the agricultural farmers should also apply to the poultry farmers. He urged the Government to at least help the poultry farmers in getting the remunerative price of their products.

On GM crops he said whether the Government is misunderstanding or we are not aware what the Government has understood because on one side they permit GMO cotton but on the other side they do not permit corn and soya and requested the Government officials to look into this and provide a fair level playing field. He said if GM crops are not allowed in India then how come the Government is trying to import poultry which has already been fed on GM crops?

When it comes to malnutrition and Mid-Day-Meals, eggs are given in Tamil Nadu, Telengana and Andhra Pradesh and this has given good inspiration to the children to attend schools as this is giving them better nutrition to perform better in life. He urged representatives of all states to include eggs in the Mid-Day-Meals. Next he talked on India's rank on malnutrition and Human Development Index and to correct this poultry diets must be included.

On promotion of eggs and chicken, he said social media has become a big media for connectivity among people and here some people talk against the consumption of eggs and chicken. He urged people to use social media and take on people who create misunderstanding on poultry

consumption. He said like Ravinder Reddy and NECC, we too should share the responsibility of promoting eggs and chicken on all platforms. He said the Government has come down heavily on the NGOs for misusing the funds allotted to them. He said these NGOs are working against the interests of the Indian poultry industry and telling people of the adverse effects of egg and chicken consumption. He praised the support of the present Central Government which addressed the issues of the Indian poultry industry.

He said the poultry industry went through a very rough phase on the issues of cage ban and thanked all the organizations for their collective effort like PFI, NECC and the local organizations and at his stage the Government too has understood the issues. He said the cage ban should be considered on the realistic parameter and the welfare issue too needs to be considered. He praised the transition of the poultry rearing of the past and to the respectable global status it has achieved now and this is all due to the sincere efforts of the private players. He said we have the best technology similar to the world standards then who are the NGOs to meddle in this sector. He said 90 percent of birds in 7 countries are in cage system then why is the Government in such a rush for cage ban besides this there is a lot of climatic difference between the European countries and India. He said to increase the per capita consumption of poultry the availability too needs to be guaranteed.



Rick Kleyn, Specs Feed Consultant spoke on –“Strategies to address lameness issues in poultry.” HE stated that once the lameness issue crops in the birds, there are series of

problems that affects the birds. The infected birds cannot adequately have the access to drinkers and the feed and this leads to poor feed conversion, decreased body weight and they are prey to cannibalism. Whether the bird is layer or broiler the bird output drastically decreases. It is always advisable to employ a regular veterinarian at the farm who can detect the lameness in its early stage and the right diagnosis and treatment can be made available for recovery.



Vincent Guyonnet, FFI Consultants provided an exhaustive detail on –“Artificial intelligence on poultry.” He said we live in a very competitive time of market challenges. We

must incorporate all available tools to enhance the artificial intelligence on poultry management and production at the farm. He said these days the technical advancement has reached such a stage that artificial intelligence facilitates to augment the production process and also adequate maintenance of the birds. He said by using the artificial intelligence the possibility of human error in farm management can be easily contained. HE said that the chicken business in the last 10 years grew by 41 percent and egg business by 34.4 percent ahead by any of the livestock production. He said we should congratulate ourselves for feeding such a large population worldwide and fighting malnutrition. He presented the world broiler and egg production statistics. He said the use of robots on farms gave the best results in term of hatchability, production, weight gain, aeration of litter, FCR. He said the robots also successfully handle the welfare of the birds. HE said the robots at the farm also helped in ammonia reduction, improvement in environmental quality, sanitation and less stress for birds. He said the robot detects every danger or shortcomings at the farm with its sensor programmes stored in it. He said the robots collect the eggs from 30,000 birds from the floor at the farm. He stated that the robot provides the complete data of the birds at the farm and helps to solve it in time. He said the robots have excellent performance and give good results besides than the manual labour at the farm which results in huge reduction on labour costs.

The delegates and the speakers once again assembled for the second session wherein the speakers made their informative presentations.



Dr Vasudevan Gowthaman, Assistant Professor TANUVAS spoke on- “Respiratory diseases, their control impact and strategies for reducing it.” He said

that the respiratory disease claim a major chunk of the extensive prevalent disease list. He said the timely treatment of the birds and initially



The Pioneer Manufacturer of Poultry Equipments in India for Over Five Decades, involved in designing, manufacturing and supplying of poultry equipments.



Battery Cages for Open House



Rearing & Laying Batteries



Welded Wire Mesh



Collect-O-Matic Egg Handling System



Vacc-U-Lift



Breeder Cage Mat



Storage & Handling Equipment

Azra's specialize in manufacture of Breeders Parent Layer Batteries Fitted with Automatic Egg Collection & Feeding System.

Contact : Mr. Nissar Ahmed
Address : No.1, Miller Tank Bund Road, Bangalore - 560052
Tel. : +91 80 22262117 / 22257514 Fax : +91 80 222572773, Email : azapoultry@gmail.com, Website : azras.in

recognising the symptoms can help save the birds at the farm only if a regular veterinarian is stationed at the farm. The respiratory diseases if not controlled or treated can cause 100 percent mortality which means complete loss for the poultry farmer.

He said the foremost loss causing disease in India is New Castle disease followed by low pathogenic Avian Influenza H9N2, Infectious Bronchitis, ILT, mycoplasma, colibacillosis, ORT and Aspergillosis. He said in the closed houses there is accumulation of ammonia hence scores of respiratory tract diseases in birds. He said the immunodepressed birds are more liable to acquire respiratory tract disease in birds. He presented a detailed occurrence of different respiratory disease in various parts of India.



Joseph Cherian, COO Swiggy spoke on –“Changing dynamics of food delivery system.” He said food procurement from the market by the consumer has seen a

sea change in the recent years. He said with the advancement in the information technology, rising income groups lay the foundation of a fast changing scenario wherein food and other stuff were delivered at the doorstep of the consumer at a fairly competitive price. He said that this change in attitude of the customer due to lack of time and also to save the roaming in the market, paved the way for the rise of various companies that provided service at the doorstep of the consumer. He stated that initially there were a few companies but now scores of them have mushroomed giving rise to competition and competing to provide best services in minimum time frame. He said this rise has revolutionized the society and on the whole the food delivery system.

After the tea break the delegates once again assembled for the question and answer round wherein the doubts of the assembled delegates were cleared by the technical experts.



Mr Suresh Chitturi (Chairman IEC) welcomed the august gathering and spoke on consumption of eggs. He said that he was born on a chicken farm

so eggs are closest to his heart. He said the global population is 7.6 billion and going to be 9.8 billion by 2050 and 11.2 billion by 2100 and that is roughly at 8.3 crore people being added every year and 50 percent of this growth will be in countries like India, Pakistan and Indonesia. He said in the next 40 years we must produce food as we have produced in 8000 years and the most critical thing is protein. He said 190.7 million people were undernourished in India in 2014-2016. He explained about the triple burden of malnutrition. He said 50-59 percent of children below five year age are not growing well. He said one egg contains 6gm of protein and 14 essential elements. He said except Vitamin C you get everything from one egg. He laid emphasis on the importance of protein and all the amino acids for our body. He said 80 percent of Indians are protein deficient and not getting the recommended 60gm protein per day. He said that FAO ranks eggs pretty high as it has 97 percent protein.

The first technical session started with the deliberations of the speakers mentioned below.



Onkar Singh Batra specifically dealt on –“ Data management for profitable poultry farming.” He stated under the normal course of poultry

production less people care to maintain the data of the birds at the farm. He stated that it is extremely important to make entries of various possible data record to ensure a systemic poultry production details at the farm. The compiled data provides sufficient data about the population of the various age groups, breed, vaccination, different composition of feeding for different age groups, disease history, FCR comparison etc. A comprehensive data also shows the performance of birds in a farm. Besides this on a larger scale it provides complete bird information at scores of farm in the area, state and the country level as well.



Chetan Bhagat, Motivational Speaker spoke on motivation in life and how important it is in bringing about success. He said people lose hope as

age progresses. He said it is easy to motivate children as they are bubbling with energy and expectations. He said it is important in life as to how you approach things. He said I am not the best writer but the best selling writer and that is most important. He said my goal is to create change and that is what for which I write. He said the rules for success in life and business is not fixed and you can win in life by changing the game.

He stated about Charles Darwin who focused on survival of the fittest who adapt and change with the changing times. He said those who regularly change win in life. He gave the example of large dinosaurs and the rulers of earth, as ice started melting and they could not survive but the cockroach which was present in those times adapted to the changing situation and has survived till today. He explained in exhaustive detail on the success mantra. He said being adaptive hones your survival skills. He said eggs for example is considered non vegetarian diet in India but the reality is just the opposite as these eggs are not fertilized and we need to convince the Indian population about it as part of a marketing strategy. He said the idea and attitude of negativity is a big hindrance to success of an individual so one must adapt. He said try to do something different as doing the same thing every time will not guarantee you success in life. He said that we must let go our ego as it obstructs or reason to success.

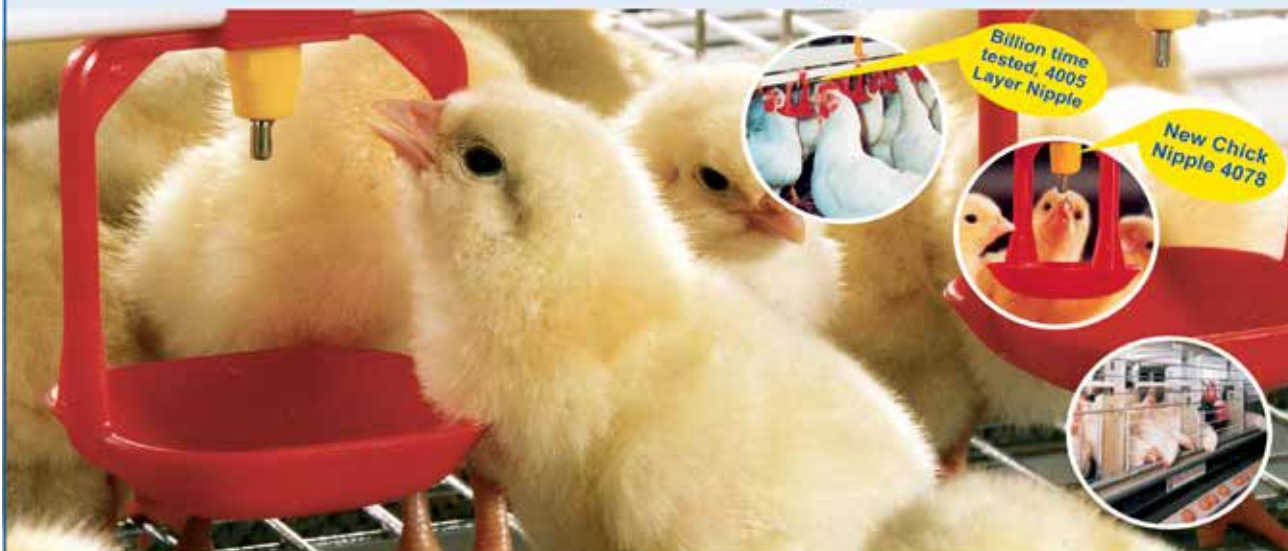
After this session there was a luck draw programme followed by cultural programme, cocktail and dinner and thus ended a very informative session of Knowledge Day programme.



LUBING



THE ORIGINAL!



Quality Products From Lubing For Your Poultry Farm



Conveyor System

For Egg Transportation

The conveyor system is of crucial importance for egg farms of all sizes.

- Maximum operational safety and minimum maintenance.
- A unique construction system with elements designed to cope with any imaginable spot requirement (all kinds of curves, heights and distances can be achieved).
- Conveyor chain widths between 200 and 750 mm.
- Capacities: From 15,000 to over 65,000 eggs per hour.



Watering System

For Chicks & layers In Cages

LUBING nipple system offers you the following advantages:

- A simple, reliable water supply.
- Constantly fresh and clean drinking water.
- Nearly no maintenance or cleaning
- Improved rearing results.
- Trouble free rearing of all birds
- The combination of nipple and drip cup ensures dry manure.

**BEWARE
OF DUPLICATES.
BUY ORIGINAL LUBING
PRODUCTS ONLY**



Top Climate System

The "LUBING, Top-Climate-System" is developed for effective humidifying, cooling and dust binding of the house air. It works according to the principle of the direct evaporative cooling. The advantages at a glance:

- Fast cooling in the house without any wetness.
- Effective dust binding influences positively the breath organs of animals
- Better feed conversion.
- Regular spread of temperature.
- To spray in medicated water (For prevention & therapy of respiratory diseases).

LUBING INDIA PVT. LTD.

C-74, Industrial Area, M.I.D.C., Jejuri,
Tal. : Purandar, Dist. : Pune 412303
MAHARASHTRA (INDIA)

Branches:

- Punjab : 09996945015
- Haryana : 09996945013
- Hyderabad : 07893969678
- Bangalore : 07899282405
- Rajahmundry : 09553547547
- Namakkal : 09677613869

Email: sales@lubingindia.com
www.lubingindia.com

comentx



Knowledge Day Technical Committee members



Mr Anil Dhumal and Mr Ram Reddy honour Mr Nanadkumar



Mr Chakradhar Rao felicitates Shri Ponnala Lakshmaiah



Mr MB Desai with Shri Ponnala Lakshmaiah

ANIMUNIN

(To Keep Respiratory Tract Clean & Optimally Functional)

The unique combination of above mentioned essential oils and herbs in **ANIMUNIN** work in synergy to cleanse the respiratory tract from bacteria, mycoplasma, fungi and viruses and overcome their damaging effects.

Usage

- To keep the respiratory tract clean and optimally functional, free from mucus build up and least prone to respiratory problems.
- To Improve F.C.R. alongwith optimum egg production in layers and optimum growth in broilers.
- To maintain normal respiratory health, fertility & hatchability in breeders.
- To maintain respiratory functions and optimum production performance when farm cannot be kept completely free from microbes, allergens etc. and in challenging conditions for e.g. change in weather, cold environment and during susceptible conditions.

ANIMUNIN is the product of choice because

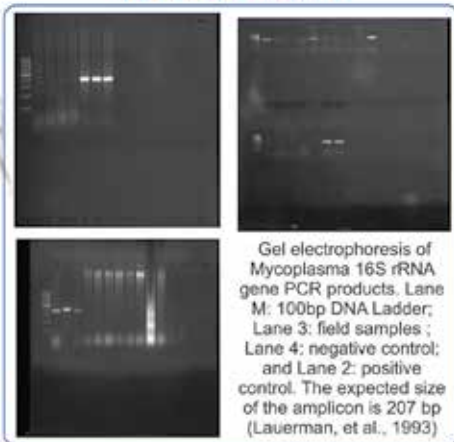
- **ANIMUNIN** contains a unique combination of essential oils which have been standardised for the presence of required active constituents.
- **ANIMUNIN** helps to prevent the colonization of bacteria, mycoplasma, fungi and viruses in the respiratory tract.
- **ANIMUNIN** with powerful respiratory antiseptic and disinfectant properties keeps the respiratory system clean and optimally functional ,on a regular basis, to facilitate optimum growth and production performance.
- **ANIMUNIN** does not require any withdrawal period and completely eliminates the possibility of antibiotic residue in meat & eggs.

Scientifically tested for its efficacy in MG/MS positive flock

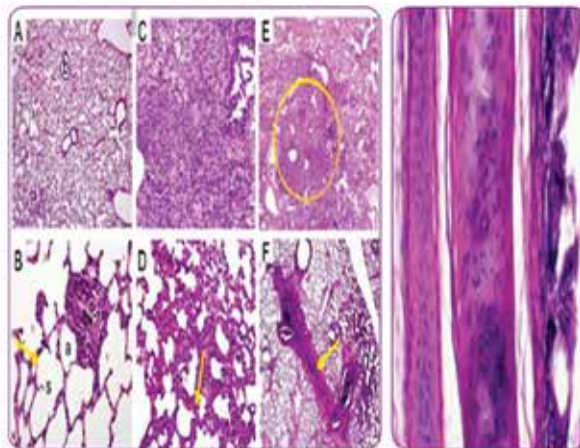
Efficacy Evaluation of Animunin® versus Tiamutin in treatment of chronic respiratory disease in the Krisbro chicks .
The experimental study is conducted on day old broiler chicks of krishibro (PDP) obtained from ICAR DPR.



The ELISA done at different time intervals to detect the status of MG/MS in control and treated birds by Polymerase Chain reaction (PCR) of Mycoplasma



Histo morphology of brochioles in different treatment groups and trachea in Herbiotic FS treated group



Feed Inclusion Rate

ANIMUNIN Powder : 750g - 1 kg per ton of feed.

ANIMUNIN Liquid : To be given once daily with drinking water.

Broilers	Layers	Quantity (For 100 Birds)
0-2 Weeks	0-8 Weeks	10 ml
3-4 Weeks	9-20 Weeks	20 ml
5th Week & onwards	21-72 Weeks	40 ml

Presentation

Powder : 10 kg & 25 kg

Liquid : 1 Ltr & 5 Ltr

- ▶ To be given regularly in broilers, layer-chicks and growers.
- ▶ In layers to be given regularly or 15 days every month, as required.
- ▶ Double quantity is recommended for breeders & during challenging conditions (for first 10 days).



INDIAN HERBS SPECIALITIES Pvt. Ltd.

C-215, 2nd Floor, Elante Offices, Plot No. 178-178A, Industrial & Business Park, Phase - 1, CHANDIGARH (U.T.) - 160002
Ph. No. 0172 - 5011470, 4181014, +91 9023247217, E-mail : ihspl@indianherbs.org, Website: www.indianherbs.org



**For Optimal release of
Nutrients from Wheat.
Use**



BEETAZYME-W

Gluten Digesting Enzyme



**KAYPEEYES BIOTECH
PRIVATE LIMITED**



An ISO 9001:2015 & GMP Certified Company
306-C, Hebbal Industrial Area, Metagalli Post, Mysore 570 016, Karnataka, India.
Ph: +91-821-4280039, Fax: +91-821-2403694 Cell : 07382735263 (Moorthy)
marketing@kpsbio.com www.kpsbio.com

**DSIR, GOVT. OF INDIA
Recognised Research & Development Laboratory**





We manufacture and market products to the epitome of performance, reliability and durability in the meat processing industry at competitive prices shouldered by seamless servicing and maintenance.

- Conveyorised Poultry Processing Plant 300 to 3000 BPH
- Small and Large Animals Slaughter line Manual/Automatic
- Meat Processing Equipment for Poultry/Sheep/Goat/Pig/Cattle



ISO 9001 : 2000 COMPANY



OUR MISSION

Our focus being absolute customer satisfaction, we endeavor to pursue excellence in every field : procurement, production, quality, management and human resources.

Our integrity with customers, suppliers and all our associates further ensures quality at every level.

EXPORTS WORLDWIDE

**RND
AUTOMATION PVT LTD**



1/4, Shiv Complex, Kondhwa Budruk
 Pune - 411 048, Maharashtra, India
 Tel. : +91-20-26930100, 26930936, Fax : +91-20-26930226
 E-mail: sales@rndautomation.co.in, info@rndautomation.co.in
 Website : www.rndautomation.co.in



Dealer required all over INDIA



BIGFAN

InnoVent Clima

**Your Ventilation
Partner for
Excellent Flock
Performance**

- Low Cost per cfm
- High Performance
- Superb climate control
- Successful EC-house
- Long Life and Strong
- Low Maintenance
- Easy Assembly



BigFan 83 inch

Big Fan, Big Saving

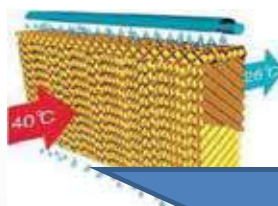


Box Fan 51 inch



Cone Fan 51 inch

Cooling Pad



**Dealer
required all
over INDIA**

Innovent Fans : Row House No. 10., Zypher, S.No. 33/2/2, Pancard Club Road, Baner, Pune 411045
www.innoventfans.com, sales@innoventfans.com, Call us at +91 9370211772

VICTAM AND ANIMAL HEALTH AND NUTRITION BANGKOK 2020

THE TOTAL SOLUTION FOR ANIMAL FEED AND HEALTH IS COMING IN MARCH 2020



■ Yangon, Myanmar

The launch of VICTAM and Animal Health and Nutrition Asia 2020 as a joint event combines under one roof the expertise of two show organizers, VICTAM and VIV, who made the summer headlines worldwide for a unique event in Asia.

Providing total solutions ranging from feed production, feed technology and processing, to feed ingredients, feed additives, animal health and pharmaceuticals in animal protein production, VICTAM and Animal Health and Nutrition Asia 2020 will open its doors on 24-26 March 2020 in Bangkok, Thailand, with around 400 exhibitors in a 22,800 square meter space at BITEC.

Exhibiting in one of the 3 show halls of VICTAM and Animal Health and Nutrition Asia gives exhibitors access to the world's fastest growing market - Asia, and to a targeted audience of around 9,000 professional visitors including CEOs, feed formulators, mill managers, nutritionists, operation directors, transportation managers, veterinarians, academics, and more.

"Via a joint promotion campaign and the industries' mobilization operated in synergy by VICTAM and VIV, exhibitors will benefit from a highly qualified network, which is also the most complete network in Asia for feed and animal health. A one-of-a-kind opportunity" said Ms. Panadda Kongma, Head of Agribusiness and

Operations at VNU Exhibitions Asia Pacific.

As part of the ASEAN region, Myanmar is not only a focus market for the show for potential investors and top buyers, but also for suppliers. For the official VICTAM and Animal Health and Nutrition Asia 2020 Launch Press Conference and promotion event held today, December 5th, at the Myanmar Expo Hall in Yangon, VICTAM and VIV have invited expert speakers to discuss the importance of animal health and animal disease prevention: Dr. Mya Han, Chairman of the Myanmar Livestock Federation, Prof. Dr. Ye Htut Aung from the University of Veterinary Science Yezin, Nay Pyi Taw.

According to Dr. Mya Han, Chairman of Myanmar Livestock Federation who talked about the current situation of the livestock market and future trends, "while the whole agriculture sector plays an important role in Myanmar's economy, livestock production has become critically important for food security, especially to supply sufficient quality protein for people and to guarantee food safety. I do believe that VICTAM and Animal Health and Nutrition Asia 2020 will provide the right business platform for Myanmar stakeholders to share knowledge. It will also encourage the Myanmar livestock sector's productivity, profitability and sustainability" he said.

Prof. Dr. Ye Thut Aung, from the University of Veterinary Science Yezin, Myanmar discussed the importance of monitoring animal health

and preventing animal disease outbreaks. "The recent trends and future prospects in livestock production in Myanmar are fueled by an increasing demand for livestock products, driven largely by human population growth, income growth, and urbanization, which will continue for the next three decades at least. Livestock plays very important economic and social-cultural roles in the wellbeing of rural households. Diseases are among the most significant limiting factors for livestock production. They diminish the capacity of the animal to achieve its inherent potential level of production, for any given feeding and management regimen. The impacts of animal disease can vary from reduced productivity and restricted market access to the elimination of entire flocks or herds, with the resultant loss of biodiversity and valuable genetic resources." In conclusion, Dr. Ye Thut Aung identified four elements to be considered for a successful and healthy future for the animal husbandry industry: disease detection, prevention, improvement and the sustainable development of the livestock sector. "By protecting animals, we preserve our future", he said. "VICTAM and Animal Health and Nutrition Asia 2020 will be the exhibition platform for Myanmar and other Asian markets to find the latest solutions on Animal Health."

Mr. Sebas van den Ende, General Manager of the Victam Corporation adds that "VICTAM and Animal Health and Nutrition Asia is the platform for exhibiting companies to launch their new products or services in the fields of technology, ingredients and additives to manufacture feed for animals as well as the latest in pharmaceuticals, genetics and high-tech animal health solutions. This event is all about networking and learning the latest within these industries".

The show also introduces a dedicated program for potential buyers, which is offered to Myanmar and other key markets. The so called "Industry Leaders Program" offers the opportunity to 150 top industry buyers to be special guests at the show and enjoy extra participation privileges





Quality Poultry Equipment



Parent Feeder (Male & Female)



Chick Feeder 1001 & Baby Feeder



Feeder 2001



Chick / Baby Drinkers



Grower Drinkers



Hatching Egg Transport Crate (HETC)



Egg Filler 202



Chick Transport Tray



Poultry Bucket 140 and 190



Poultry Tub 150 and 200



Chick Feeding Tray



Cage Matting



Egg Filler 303 (Hatching Tray)



Hose Shutt Off



Poultry Scoop / Mug



Regular & Large Automatic Drinkers



Wanted Dealer & Distributors

Office & Factory: 77-78, Marol Co-op. Ind. Estate Ltd., M. V. Road, Andheri (East), Mumbai - 400059, India.
 T: +91-22-66950323 / 28505506 | M: +91-9930007162 / 9323931950
 E: info@francisenggworks.com / karthikrajput@francisenggworks.com | W: www.francisenggworks.com



*Shri Talasani Srinivas Yadav
lights the Inaugural Lamp*

13TH EDITION OF POULTRY INDIA 2019

REGISTERS PHENOMENAL VISITOR ATTENDANCE AT HYDERABAD

■ Hyderabad

The Poultry India 2019, the 13th in the series registered yet again the success saga which has become a regular trait, organized by Indian Poultry Equipment Manufacturers' Association (IPEMA) under the able guidance of Exhibition Advisory Committee (EAC). This perennial event was organized at the Hitex

Exhibition Centre from November 27-29, 2019. This event was phenomenal in terms of massive attendance of visitors that crossed the 20,000 milestone. Including the 99 international exhibitors the total exhibitors was pegged at around 375.

The event started with the lighting of the Inaugural Lamp by Shri Talasani Srinivas Yadav, Minister for Animal Husbandry, Dairy

& Fisheries, Government of Telangana and the dignitaries present on the dais were Shri Mopidevi Venkata Ramana Rao, Minister of Animal Husbandry of Dairy & Fisheries, Government of Andhra Pradesh, Shri G Ranjith Reddy, Member of Parliament, Government of India, Shri Chinaraaj AKP, Member of Parliament, Government of India and others.



NAGRONEX[®] - SNB

The Novel Synbiotic



www.provet.in

provetppl provetppl provetppl

Provet Pharma Private Limited

No. 9, 1st Floor, Chakrapani Street, 2nd Lane,
Narasingapuram Extension, Maduvankarai, Guindy,
CHENNAI - 600 032. INDIA
Telefax: +91 44 2244 2124 / 27 e-mail: info@provet.in



Shri Talasani Srinivas Yadav releases Poultry India directory



Mr Chakradhar Rao, President-IPEMA said this 13th edition of Poultry India series is here to showcase the latest poultry production technology being practiced

around the globe, which shall facilitate the Indian farmers in upgrading their production techniques. He said the made in India poultry equipments is now on a par with other world poultry equipments and other products which is available to the Indian farmers at an affordable price. He said that the indigenous poultry associations and the business groups have rendered major contribution for the rise and development of poultry in India. He congratulated the Indian farmers for achieving the benchmark of poultry business turnover to the tune of 16 billion USD. He said poultry industry is close to producing 100 billion eggs and 6 MMT of chicken meat annually. He said India stands at 2nd global egg producer and 3rd in broiler meat production. He said India is the only country to witness consistent growth in the last two decades. He said there should be easy availability of cereals and feed for the poultry and in times of crisis, the Government should

facilitate imports to ease the burden of the poultry farmers. He praised the Government of Telangana for having timely released 4,000,00 MT of maize for the local farmers. He said the Indian poultry industry has ascertained the capacity to meet the demand of poultry products in the country. He said this year alone the layer farmers suffered a loss of Rs 7,500 crores, while some farmers are unable to replace their flocks and others have shut down their farm due to losses. He stated that the current per capita egg consumption in India is 65-70 and chicken meat consumption at 4 Kg per year.

He stated that malnutrition is still a challenge in India and to boost egg consumption, the Governments of Andhra Pradesh and Telangana are serving eggs to the pregnant women and also in the mid-day-meals in the Government school but urged the implementation in the private schools also. HE said that the consumption of eggs has resulted in excellent performances of children in health, academics and in sports. HE informed that due to egg serving in the 4 mid-day-meals at schools, the attendance of children has significantly increased. He said the chicken and chicken leg import will destabilize the poultry market in India. He said Indian poultry industry is generating employment to the tune of 60 lakh people across India. He was all praise for the cage system of poultry rearing and explained this with clear examples.



Shri Talasani Srinivas Yadav greeted the dignitaries on the dais and welcomed the assembled gathering at the Inaugural Ceremony of

Poultry India 2019. He praised the efforts of Telangana Chief Minister KCR and the Government in initiating various programmes for the development of the state. He presented the poultry production statistics and the ranking of Telangana on various pedestals of development. He said the Telangana Government is committed to the development of poultry in the state and is doing its best to ensure that the local state farmers utilize the benefits given by the Government.

He praised the organizers of Poultry India exhibition for providing a platform to update the Indian poultry with the latest developments in poultry. He said since all these years the Poultry India exhibition has had a very good effect in the performance of the poultry industry. He said the Telangana Government is also providing various subsidies to the state poultry industry so that their development is not obstructed and production is multiplied.



Prakash Foods & Feed Mills Pvt. Ltd.



Innovation sets us apart from our competitors.

Our expertise over 30 years of experience brings you



FEED SUPPLEMENT FOR POULTRY



A Multi Nutrient Product offering... **Protein, Fat, Calcium, Phosphorous and Energy**

SPECIFICATIONS		BIO-A-PRO
Moisture	Max.	8.0 - 10.0%
Crude Protein	Min.	45.0%
Crude Fat	Min.	6.0 - 7.0%
Total Ash	Max.	32 - 35.0%
Crude Fibre	Max.	2.0%
Phosphorous	Min.	4.5 - 5.0%
Sand & Silica	Max.	2.5 - 3.0%
Lysine	Min.	2.0%
Methionine	Min.	0.6%
Pepsin Digestibility	Min.	80.0%
ME Value		2000 - 2200Kcal/Kg

Manufactured at our most sophisticated automatic plant at Kanchipuram (Tamil Nadu).

BIO-A-PRO is free from ***E.Coli, Clostridium & Salmonella Species***

BIO-A-PRO is free from Leather Meal or any other adulterants.

Prakash Towers, 3rd Floor, #1, Mettukuppam Main Road
Maduravoyal, Chennai 600 095.

Tel: 044-2378 1501 / 2378 1502 / 2378 1503 / 2374 1505

E-mail : contact@prakashfeeds.com

www.prakashfeeds.com



Mr Pradeep Rao, President, Telangana Poultry Federation as all praise for the Telangana Government in supporting the development of poultry in

the state. He said Telangana is a top producer of poultry in the country and this was all possible due to the sincere efforts of the state Government. He said poultry has been facing great problems in terms of maize availability, cage ban issue and a lot more. He praised the significant role of the poultry associations in apprising the Government on the ground realities of the problems faced by the poultry industry.



Shri Talasani Srinivas Yadav cuts the ribbon to inaugurate the Poultry India event



Shri Chinaraj AKP welcomed the dignitaries and the audience and thanked the IPEMA management for organising such a large scale event, wherein all sectors of poultry have assembled under one roof. He assured the poultry industry that he will do his best to protect the interests of the Indian poultry industry. He said such an event gives an exposure to the Indian poultry industry to perform still better.

He said the Government has great plans for the upliftment of the agriculture and Animal Husbandry is definitely a part of it. He said after food security the Government is more focussed on nutritional security. He said under this programme the mid day meals will get a boost across the country.



Dignitaries at the dais



Dignitaries with audience

★ Blue Star ★

Setters & Hatchers
Since 1981

Most Reliable with High Quality



M.V. Raghavulu, Proprietor

Blue Star Poultry Equipments

Works & Office - 40, Negerjuna Enclave Road, Beside ITC Body Unit,
Bollaram Road, Miyapur, Hyderabad - 50049
Office : 040-23045496, Mob. : 09849156540 • Website : www.bluestarpoultry.com
Email : raghavuluv@gmail.com, info@bluestarpoultry.in



Mr MB Desai makes a point





SAI KRISHNA POULTRY EQUIPMENTS



Deluxe Drinker
(Standard & Large)



Chick Feeder



Chick Drinker



Deluxe
Jumbo Drinker



Feeder



Jumbo Drinker



Gas Brooder



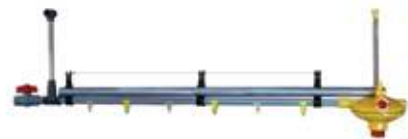
Parent Feeder
Male & Female



Egg Tray



Chick Feed Tray



Nipple Drinking System

SAI KRISHNA PLASTIC INDUSTRIES

Manufacturers of Innovative Poultry Equipments

Factory : Behind Petrol Bunk, Padmanagar, Karimnagar - 505002, Tel : 0878 - 6504508, Mobile : 94404 06200

Sales Depot : Plot No : 16, Road No:2, Opp : Nimanthran Function Hall, Mamatanagar Colony, Nagole, HYDERABAD - 68, Telangana

Tel : 040 - 64610508, Mobile : 92466 59508, E-mail : info@saikrishnapoultry.com, Web : www.saikrishnapoultry.com



Bird Transportation Crate



Chick Transportation Crate

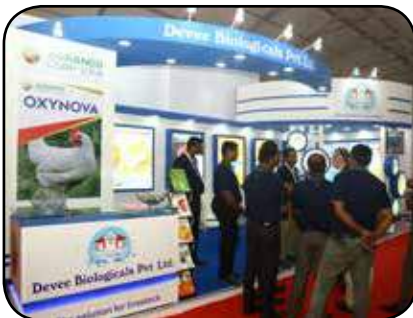
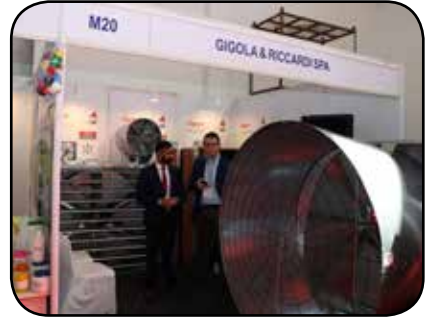
Balaji Polymers

Factory : Akkaram Village, Gajwel Mdl, Medak Dist. Regd. Office : Karimnagar : 98490 59508, Hyderabad: 96523 98686
email : balajipolymers.hyd@gmail.com

GLIMPLSES OF POULTRY INDIA 2019



POULTRY PUNCH

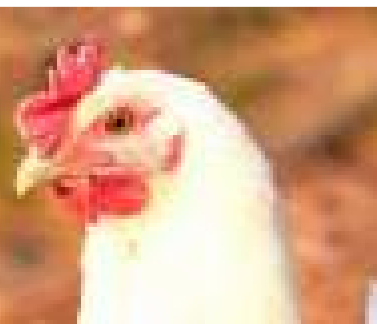
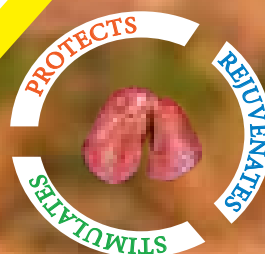






HEPATOLIV™

Just more than a liver tonic



Faster & better meat yield | Better livability | Better FCR

- Helps for easy metabolisation of fat
- Induces secretion of hepatic enzymes
- Corrects mycotoxin effect
- Prevents fatty liver syndrome
- Anti oxidant improves immunity
- Prevents excessive fat deposition in liver
- Treats chemicals & other toxins effectively
- Rejuvenates degenerated liver cells quickly
- Stimulates liver cells for faster & better metabolic functions

Presentation :

Liquid : 500ml, 1Ltr, 5 Ltr & 30 Ltr
Feed Premix : 10kg, 25kg

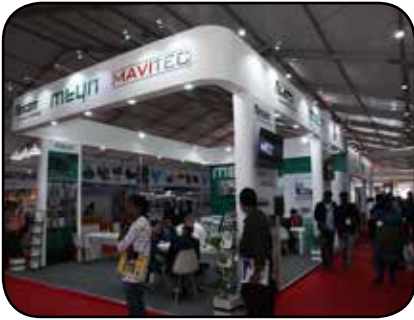
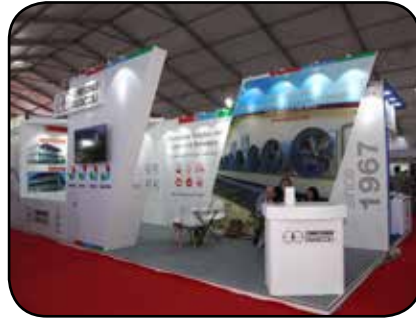
DISTRIBUTOR ENQUIRIES SOLICITED



A#4, Karihobanahalli, Adjacent to Maruti Indl. Town, Peenya 3rd Stage, 4th Block, Banaglore - 560 058
Ph: +91-08-23375564 / 23376592, E mail: vetneeds1@yahoo.com / marketingvetneeds@gmail.com, www.vetneedsgroup.com







CRAFTING Hi-QUALITY POULTRY EQUIPMENTS

FINEST
QUALITY

ELABORATE
PRODUCT RANGE

MANUFACTURING
EXCELLENCE

CONTINUOUS
INNOVATION

Brand of Choice for
India's Poultry segment
as 'Complete Poultry
Equipment Solution'



SUPREME
EQUIPMENTS

POWERED WITH PASSION

SUPREME EQUIPMENTS PVT. LTD.

MANUFACTURER & EXPORTER OF POULTRY CAGES, EQUIPMENTS & EC SYSTEMS

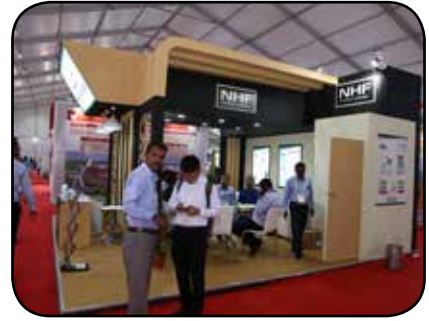
Factory : B-37, NICE, MIDC, Satpur, Nashik - 422007, Maharashtra, India.
Tel. : +91 253 - 2355561 / 62 / 63 Fax. : +91 253 - 2355563

Branch : Raiyaan Opel, No : 119, HBR Layout, 1st Stage 1st Block,
Opp. Kacaranahalli Iscon Temple, Bangalore - 560043. Tel.: +91 7387614333
E-mail : info@supreemeequipments.com Visit : www.supreemeequipments.com











FEED FOR EVERY BREED.



SWITCH TO BREED SPECIFIC FEED FROM JAPFA.

AP95, COBB, HUBBARD IN BROILER AND BV300, HYLINE, BOVANS, LOHMANN IN LAYER. THAT'S THE VARIETY OF POULTRY BREEDS AVAILABLE IN INDIA. EACH BREED HAS ITS OWN SPECIFIC NUTRITIONAL REQUIREMENTS. JAPFA'S BREED SPECIFIC FEED OFFERING IS SPECIALLY DESIGNED TO OFFER PRECISE NUTRITION TO EACH BREED AND THUS MEET THIS REQUIREMENT.

ASK FOR COMFEED FOR COBB & ULTRAFEED FOR AP95 TODAY!

CUSTOMER CARE NUMBER: 91 99531 60066
WEBSITE: www.japfaindia.com









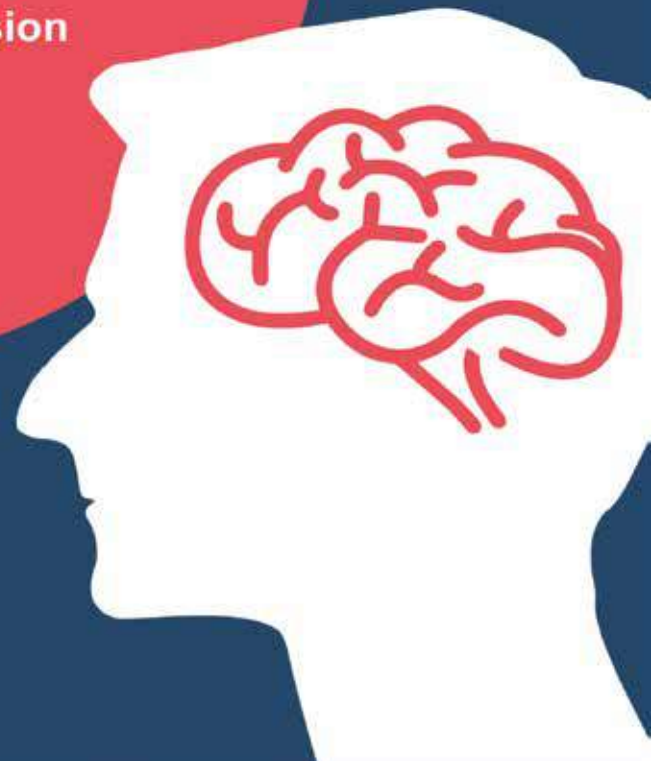
FAMIqs
Certified

volschendorf[®]

VOLSCHENDORF

**BE INSPIRED TO
INNOVATE.**

World class feed supplements and
additives created with passion



☎ : +91 22 25976100 / +91 22 25976300

✉ ipms.sales@gmail.com

🌐 www.volschendorf.com



SUBSCRIPTION ORDER FORM

To,
The Circulation Manager
POULTRY PUNCH PUBLICATIONS(I) PVT. LTD.
25, Thyag Raj Nagar Market, New Delhi - 110 003

Dear Sir,
I / We wish to subscribe to Poultry Punch/ Poultry Flame for One Year/Three Years/Five Years from.....to.....
I/We have sent you the subscription amount of Rs.....
by DD/ No.....dated.....drawn
on.....Bank.....Branch.....Send DD
favouring POULTRY PUNCH PUBLICATIONS (I) PVT. LTD. payable at New Delhi

PERSONAL INFORMATION.

Name.....Address.....

SUBSCRIPTION CHARGES

	POULTRY PUNCH (English Monthly)	POULTRY MUNCH (Hindi Monthly)
One Year	Rs. 800.00	Rs. 500.00
Three Years	Rs. 2000.00	Rs. 1200.00
Five Years	Rs. 3000.00	

GOVT PLANS MEAT, CHICKEN AND EGGS THROUGH PDS

■ NEW DELHI

Indian Government is gradually planning to upgrade its policies from food security to nutritional security. The Government is mulling to distribute, egg, chicken, meat and fish through the Public Distribution Scheme to the poor people at lower affordable rates.

Niti Aayog, is mulling a proposal which aims to improve India’s low nutrition ranking and based on the idea that the government subsidise the protein-rich food like- eggs, fish, chicken and meat, possibly through its public distribution system. It is hoped to be a part of Niti Aayog’s 15-year Vision Document. It is expected to be formulated by early next year and will be effective from April 1, 2020. This could be a right move of the Government from food security to nutritional security.

Niti Aayog is looking at incorporating the list of food items under the Public Distribution System to include these food items in the food subsidy programme along with other cereals. Though India is self-sufficient in majority of food grains but it ranks low in nutrition and hunger alleviation.



GOLDEN GROUP

The Largest producer of
Cobb - 400 Hatching Eggs.

- Good Hatchability !!
- Confirmed Quality Assurance !!
- Produced Under Complete Hygienic Conditions !!

For Details Contact :

Habibunnisa

Mob. : 09900033909

GOLDEN GROUP OF COMPANIES

Golden Hatcheries
319/1 Golden Point 4th 1st Floor
Thimmaiah Road, Queens Road Cross,
Vasanth Nagar, Land Mark Amazon Ware House,
Bangalore - 560052
Office: +91-80-49222-222, info@goldengrp.co.in



Dr. Ajay Chalikwar

Zonal Technical Manager,
Provet Pharma Private Limited,
Chennai, India.

Introduction:

- Poultry meat industry has been more dynamic than egg industry over these years.
- Broiler breeder companies are making every effort to produce progeny that produce higher (breast) meat yield, lower FCR and better weight gain.
- Consequent to faster growth rate, a part of the energy utilized in the past to maintain health and disease resistance is now diverted for higher growth & production, resulting in increased risk of negative immune response.
- Increased incidence of circulatory and musculoskeletal disorders is the major cause of mortality in the growing and liquidation age (Dr. K. Gibbs).
- Due to faster growth rate, physiological and immunological problems, birds have little time for gut maturation.

SYNBIOTICS AND GUT HEALTH



Gut Overview

Gut is the largest immune organ of the body, containing around 70% of immune cells in the body. During incubation, the weight of embryonic small intestine increases faster than its body weight. The weight of small intestine is around 1% of the total embryonic weight till the 17th day of incubation, which increases to 3.5% at hatch. The intestine of newly hatched chick is immature and undergoes morphological, biochemical, enzymatic & absorptive changes during the first 14 days, but the first 24 hours are crucial for effective gut development. Access to feed and water during the first 6-10 hours post-hatch will help in the development of microvilli and has a significant impact on improving the absorptive capacity of intestine. Feed cost comprises of approximately 70% of the total cost of production and feed is the most important entity that can expose the birds to a wide variety of factors through gut.

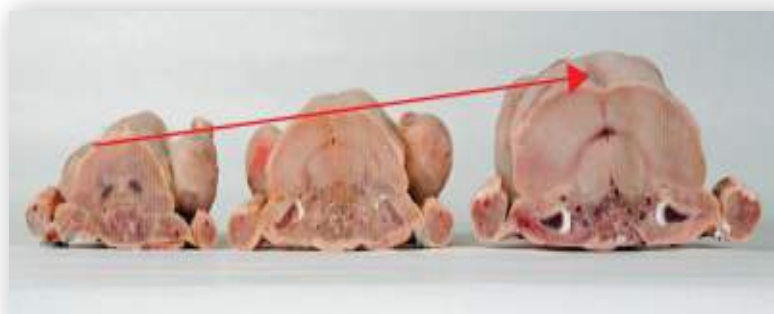


Fig. 1. Effect of genetic selection on breast meat yield in broilers

Gut Microbiota

Poultry GIT has a diverse community of bacteria, virus, fungi and protozoa, called as gut microbiota, the dominant community being bacteria. The mature gut hosts around 800 species of bacteria, whereas, a day old chick doesn't hatch with the established microflora. Gut microbiota consumes around 20% dietary energy and includes *Lactobacillus*, *Clostridium*, *Bifidobacterium*, *Bacteroides*, *Enterococcus*, *Streptococcus*, Firmicutes, Proteobacteria and others. Major harmful gut bacteria are *Salmonella*, *Clostridium* and *E. coli*. Bacterial densities in the ileum & cecum of the broiler chicks may be 10^8 & 10^{10} cells per gram of ingesta respectively at day 1 and reach up to 10^9 & 10^{11} cells within a week and remain stable till 30 days, unless disturbed by any anti-microbials / pathogens.

Functions of Beneficial Gut Microbiota

- Improve digestion and absorption (Jayaraman *et al.*, 2013).
- Control wet litter and thereby ammonia production.
- Control intestinal pathogens by competitive exclusion (Bernet *et al.*, 1994).
- Improve villi and microvilli ultrastructure (Biloni *et al.*, 2013).
- Modulate immune functions (Borchers *et al.*, 2009).
- Produce Vitamins B & K (Ken Yoshi, 2019).
- Restore intestinal barrier function (Llopis *et al.*, 2005).

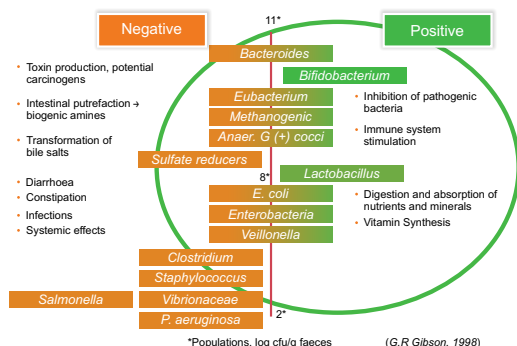


Fig. 2. Effect of Bacterial Population in the GIT

Avian Gut Immune System

Bursa and Thymus are the primary immune organs, where production and differentiation of immune cells occur. Functional immune cells leave the primary immune organs and populate secondary lymphoid organs like Spleen, Bone Marrow, Harderian gland and Bronchus Associated Lymphoid Tissue (BALT) & Gut Associated Lymphoid Tissue (GALT) (Ciriaco *et al.*, 2003).

Major lymphoid organs in the gut are GALT, Bursa of Fabricius, Cecal Tonsils, Peyer's patches and Lymphoid aggregates in urodeum & proctodeum. GALT represents a component of Mucosa Associated Lymphoid Tissue (MALT) which includes bronchial, salivary, nasopharyngeal and genito-urinary lymphoid tissues and acts as first line of defence on the mucosal surface (Suzan and Jeurissen, 1989).

Dysbacteriosis

Dysbacteriosis is an imbalance in the gut microbiota as a consequence of an intestinal disruption. This results in poor nutrient absorption in the gut leading to wet litter, excessive ammonia production and subsequently poorer FCR and reduced body weight. It is generally characterized by thinning of the gut wall along with gassy and watery gut contents. Dysbacteriosis can result from environmental stress, poor ventilation, inferior brooding conditions, viral or bacterial challenges, coccidiosis, poor biosecurity or in response to feed change.



Fig. 3. Dysbacteriosis in Broiler and Layer Farms

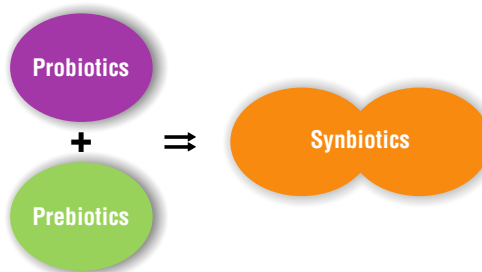
SYNBIOTICS

Probiotics and Prebiotics used in synergistic combination are termed Synbiotics.

Synbiotics improve the survival and implantation of live microbial dietary supplements in the GIT, either by stimulating growth or by metabolically activating the beneficial bacteria.

Synbiotics have synergistic effects, because they:

- Promote growth of existing strains of beneficial bacteria
- Improve survival, implantation and growth of newly added probiotic strains
- Increase persistence of probiotics in the GIT



Probiotics

Probiotics are defined as “live micro-organisms which when administered in adequate amounts confer a health benefit on the host” (WHO, 2001). Commonly used probiotics are spore forming & non-spore forming bacteria and yeast. Among non-colonizing species, the most preferred one is *Bacillus subtilis*, as it has a tough, protective endospore, is a facultative anaerobe and is thermostable at pelleting temperatures. Species like *Lactobacillus*, *Bifidobacterium*, *Enterococcus*, *Streptococcus*, etc. are good colonizers in vegetative form and available with or without microencapsulation. *Saccharomyces cerevisiae* yeast is another commonly used probiotic.



Fig. 4. *Bacillus subtilis*

Probiotics may affect quorum sensing in pathogenic bacteria, thus influencing their pathogenicity and eventually preventing GIT colonization (Medellin-Pena *et al.*, 2007). *B. subtilis* spores vegetate in the intestinal lumen, consume oxygen, produce a more aerobic condition favourable for native *Lactobacilli*, which produce lactic acid, ultimately controlling pathogens.

Mode of Action of Probiotics

The changes induced by probiotics in the intestinal epithelium are accentuated by the decrease in luminal pH, antimicrobial activity and secretion of antimicrobial peptides, inhibiting bacterial invasion and blocking the adhesion to epithelial cells. In this sense, they improve the intestinal barrier by maintaining tight junction proteins, elevating the production of cytokines (TNF- α , IFN- γ , IL-10 and IL-12) (Arvola *et al.*, 1999), which in turn, induce the secretion of IgA in the intestinal mucosa, causing the release of mucins (Gupta and Garg, 2009).

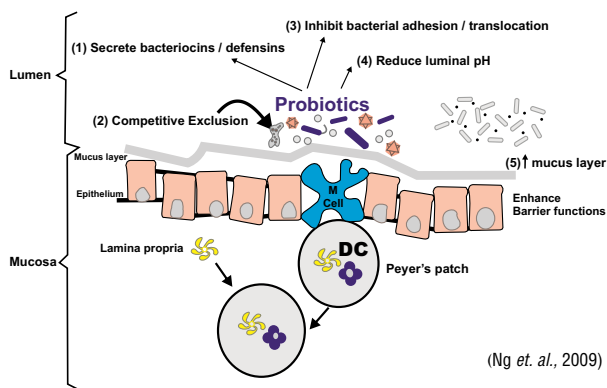


Fig. 5. Modes of action of probiotics

Mucins, a layer of glycoproteins, forms a film on contact with water, lubricates and protects the intestinal epithelium against pathogens by forming a physical barrier between the epithelium and the lumen contents (Oliveira-Sequeira *et al.*, 2008), keeping the beneficial bacteria in a safe place in the intestinal lumen (Mattar *et al.*, 2002). In the intestine, probiotics interact with enterocytes, goblet cells and M cells from Peyer's patches which results in an increase in IgM and IgA levels, contributing to the barrier against pathogenic micro-organisms

(Szajewska *et al.*, 2001). In addition, there is an antagonist effect through the secretion of substances that inhibit the growth and development of pathogenic bacteria such as bacteriocins, organic acids and hydrogen peroxide (Patterson and Burkholder, 2003; Oumer *et al.*, 2001; Mazmanian *et al.*, 2008).

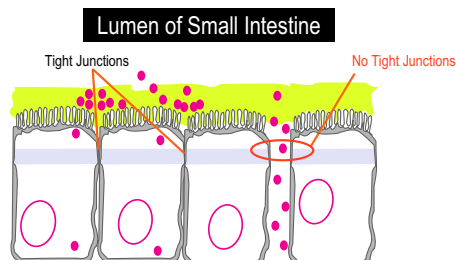


Fig. 6. Maintenance of Tight Junction Proteins (Mao *et al.*, 1996)

Additional Benefits of Probiotics

- Reduction of fat & triacylglycerol in liver, carcass and blood serum (Santoso *et al.*, 1995),
- Reduction in abdominal fat content (Delni *et al.*, 2003)
- Significant increase in meat protein content (Kalavathy *et al.*, 2003).
- Significant decrease in bone/egg shell abnormalities (~10 %) by increasing digestibility, bio-availability and deposition of calcium, phosphorus and other minerals (Panda *et al.*, 2006).
- Improvement in keeping quality of meat after slaughter and during freezing (Kabir, 2009).

Prebiotics

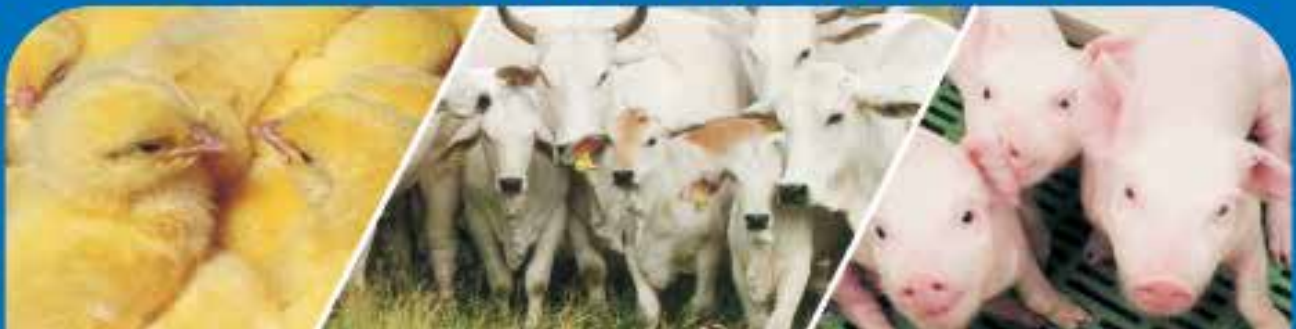
Prebiotics are non-digestible food ingredients, which beneficially affect the host by selectively stimulating the growth and/or activity of one or limited number of bacteria in the digestive system and thus improve the host health (Gibson and Roberfroid, 1995). Mannan oligosaccharides (MOS), Fructo oligosaccharides (FOS) and Galacto oligosaccharides (GOS) are commonly used prebiotics in poultry (Ferreira *et al.*, 2011).

Mannan Oligosaccharide (MOS)

MOS is an outer cell wall protein, also called functional carbohydrate derived from the cell wall of *Saccharomyces cerevisiae* yeast (Kaplan and Hutkins, 2000). Due to beta linkages, it can't be digested by endogenous enzymatic secretions and the only way is microbial digestion. From a food safety perspective, prebiotics are considered preventive agents and can be broadly categorized as either agents who reduce or eliminate already colonized food borne pathogens or prevent colonization of incoming pathogens. The intestinal mucosa has polysaccharide structure on their surface that is compatible to lectins.

Polaris

Total Hi-Tech Solutions For Your Livestock



Pan India Dealers For

ROXELL Feeding System For Broilers & Breeders



The Roxell Feeding System comes with superior technology plus it also saves your cost. Its large feeding surface which offers optimal eating comfort & its low pan edge gives birds a easy access to the feed. Its unique pan with high anti-waste rim eliminates practically all feed waste & the control unit ensures a fast and frequent delivery of fresh feed, leading to superior hygiene & outstanding feed conversion rates.

It offers percentage wise more birds per pan. Roxell Feeding System helps in increasing the stocking density without having to add feeder lines thus saving your costs.

TERMOTECNICA PERICOLI Ventilation System For Poultry & Dairy

TERMOTECNICA PERICOLI new performance enhanced line of EOS/EWS fans are an upgrade model of the ever popular and successful EO550 with an increased diameter (from 50 to 53") in the same standard body/housing delivering an improved flow performance by 10% & at the same time reducing the energy cost by 30%. This New EOS 53 is truly an innovative fan which covers your every ventilation requirement.

COMBI TERM is a new generation of heaters which guarantees superior performance. They are very versatile for the user. Its body unit can be turned into many different configurations as per requirement. Thanks to the compact external body of new design, logistic and installation is much more easier.



LUBING Watering System For Poultry & Dairy



The LUBING Floor-watering system for broilers consists of the following elements:

- Water supply
- Drinking elements
- Breather unit
- Suspension

The Lubing Drinking system ensures constant supply of simple, reliable, fresh and clean drinking water to your livestock. It requires no maintenance and cleaning. It also helps trouble free rearing of livestock, thus improve rearing results.



Polaris

Polaris Equipment Pvt. Ltd.

Office No. 202, Building – C, Kanchan Onyx,
Sr. No. 9/7/1&2, Pisoli,
Tal. Haveli, Dist. Pune 411028
Maharashtra (India)

+91 9860730308, +91 9870870098

sales@polarisequipment.in
vikasbhai@polarisequipment.in
www.polarisequipment.in

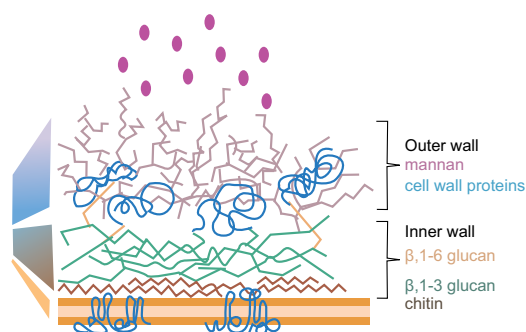


Fig. 7. Ultrastructure of *Saccharomyces cerevisiae* yeast cell

E. coli and *Salmonella* contain lectins on their surface which aid them to get attached to the intestinal epithelial cells and this will be prevented by MOS (Markovik *et al.*, 1997). Yeast mannans have also been shown to act as immune adjuvants and directly initiate immune responses by binding to macrophages and dendritic antigen presenting cells that contain the C-type lectins of the mannose receptor (Sheng, 2006).

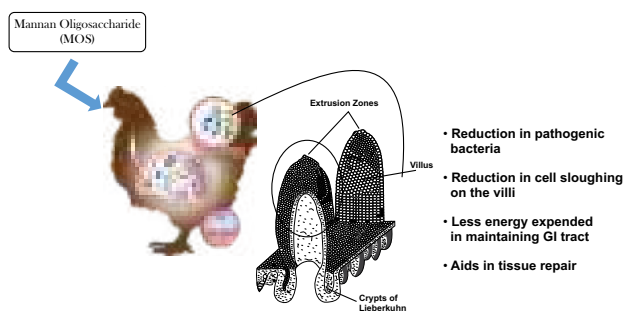


Fig. 8. Benefits of Mannan Oligosaccharide (MOS)

Functions of MOS

- Control of *Salmonella* & *E. coli* in gut (Spring *et al.*, 2000).
- Increase length of villi in intestine (Trevino *et al.*, 1990).
- Act as a food source for gut microbiota (Houdijk *et al.*, 1997; Hillman, 2001).
- Binds polar and non-polar mycotoxins due to complex structure and larger surface area (Juodeikiene *et al.*,).
- Improves villi health and creates favourable atmosphere for native lactobacilli and bifidobacteria in gut (Nava, 2005).
- Reduces stress by increasing vitamin absorption, synthesis of enzymes and protein metabolism.
- Modulation of mucosal, systemic immune system and function of epithelial cells (T cells, B cells, Dendritic cells, Macrophages, Natural Killer cells and Cytokines) (Fedorak and Madsen, 2004).
- Improves body weight gain, FCR and overall immunity.

Characteristics of an Ideal MOS

- Should be stable at high temperature and acidic pH.
- Should sustain longer in the gut without much absorption for effective control of pathogenic bacteria like *Salmonella* and *E. coli*.
- Should have proven track record of in-vitro pathogen agglutination.

β -Glucan (1,3 & 1,6)

- β glucan is a fraction of *Saccharomyces cerevisiae* with specific 1,3 & 1,6 activity.
- β glucan is a scientifically proven biological response modifier (BRM) and non-specific immunomodulator (Hong, F; Yan, J; Baran).
- Increases activity of phagocytic cells, including Dectin-1 receptors.
- Activates macrophages, NK-Cells, T-Cells and B-Cells including selected cytokines and complement factor (Vetvicka and Oliveira).

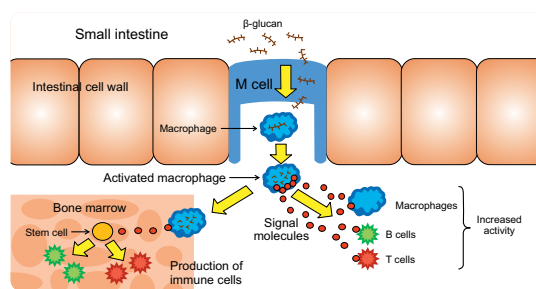


Fig. 9. Role of β -glucan in gut immunity

After absorption, macrophages break down β -glucans into smaller particles and release them for number of days. Without β -glucans, macrophages will take longer time to digest pathogens. Activated macrophages will work more efficiently and kills intracellular and extracellular pathogens at a quicker rate. These activated heterophils will travel in blood stream and effectively control pathogens. There will be improved immune status of the birds and that will reflect positively in all the production parameters.

Conclusion

Synbiotics are a novel class of functional feed additives which are more effective than the individual components. With the shift away from the routine use of antibiotics in poultry production, synbiotics are gaining wide acceptance as an integral part of the feed formulation. Synbiotics in various forms help to modify the GIT microbiota, develop a strong immune system, improve digestion and FCR.

Thus, synbiotics offer a considerable promise for growth performance in poultry production and a better alternative to antibiotic growth promoters.

References available on request

EFFICIENCY OF METAL PROPIONATES ON GROWTH AND ECONOMICS IN COMMERCIAL BROILERS

Partha Pratim Das,
Venket M Shelke,
Saravanan Sankaran and Rahul Mittal
Kemin Industries South Asia Pvt. Ltd.

INTRODUCTION

Incorporation of trace minerals in poultry diets play a vital role in metabolic processes in birds and are indispensable for optimum growth and development.

Trace minerals mostly act as catalysts in many enzyme & hormone systems and hence affects growth, bone development, feathering, enzyme function, and feed intake, etc. Any deficiency of trace minerals is typically manifested as disturbances in multiple metabolic processes, resulting in lower production performance, loss of appetite, reproductive disorders and reduced immune response. Trace minerals are mainly supplemented in poultry diets as inorganic combinations like salts of sulphates and oxides, but the availability of minerals from these inorganic sources are low and variable. Trace mineral salts tend to dissociate at low pH in the upper gastrointestinal tract (GIT), leaving the minerals liable to several nutrient and ingredient antagonisms that impair absorption and thus reduce bioavailability. Mineral requirements for modern high yielding broiler strains are more and hence, in recent years, usage of organic trace minerals in poultry diets owing to higher bioavailability and lesser mineral interactions are focused.

Organic metal complexes are compounds containing a central metal atom (acceptor of electrons) that forms either a co-ordinate bond or covalent bond with ligands (i.e., proteins, amino acids, organic acid, carbohydrates, or lipids) through hetero atoms such as oxygen (O), nitrogen (N) or sulphur (S) with a free electron pair. Importance of organic mineral supplementation of zinc, chromium and selenium has been proven to improve the performance and anti-oxidant responses. For an ideal organic trace mineral, the complex should dissociate at the site of absorption to make minerals readily available for absorption. There are various forms of organic trace minerals available based on ligands associated in the complex. These forms improve the performance of birds through enhanced absorption properties with lesser inter-mineral interactions in comparison with inorganic sources. Kemtrace® Supreme is a complete organic metal propionate mixture produced by a single process termed integrated organic mineral production system (IOMPS) (containing metal propionates) designed for poultry needs with propionate bonding. The dissociation of metal propionates occurs at a pKa value of 4.8 (distal end of gizzard), thereby facilitating the minerals for better absorption in the small intestine. It contains eight minerals – zinc, manganese, copper, cobalt, chromium, iron, iodine and selenium. A comparative trial was conducted to assess the growth and economical advantage of Kemtrace® Supreme over commercially available propionate based organic trace mineral product in commercial broilers.

TRIAL OBJECTIVE & DESIGN

The objective of this study was to evaluate and compare the dietary incorporation of metal propionates and propionate based trace minerals in commercial broilers on growth performance, carcass characters and economic benefits. The 35-days study was conducted in a well-designed trial farm facility in Northern part of India under commercial farming conditions. A total of 240 (Vencobb-400) day-old chicks were randomly divided into 2 dietary treatments with 6 replicates, each replicate containing 20 birds. All the treatments were fed with corn-soya based pellet diets conforming to breed specifications with an exception on the supplementation of trace mineral preparation and dosage. The details of experimental groups and dosage levels are given in Table-1 respectively.

Table-1: Details of experimental groups and dosage levels

GROUPS	DOSAGE
Metal Propionate	500g/Ton
Kemtrace® Supreme	500g/Ton

PARAMETERS MEASURED

- Body weight (BW)
- Feed conversion ratio (FCR)
- European efficiency factor (EEF)
- Carcass Characteristics
- Economic Benefits
- Return on investment (ROI)

Fig-1: Average body weight of treatment groups at the end of trial.

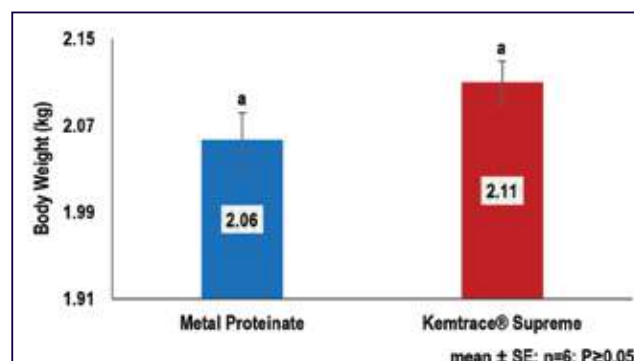
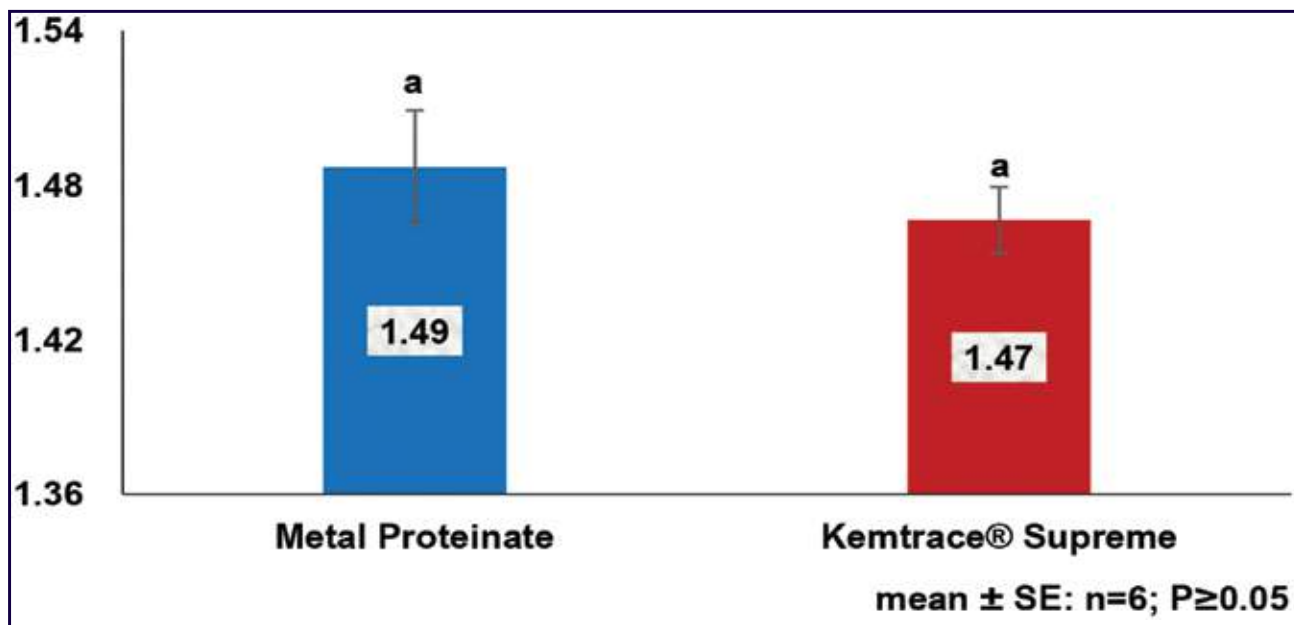


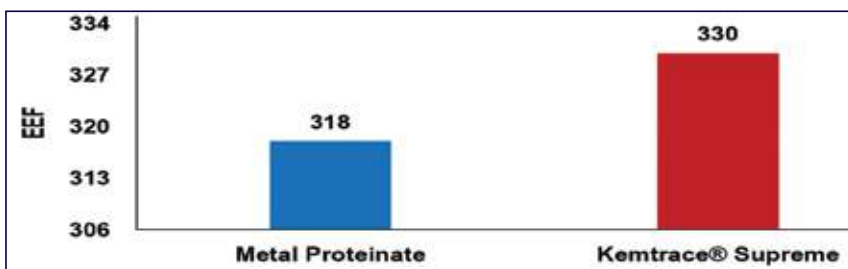
Fig-2: Feed conversion ratio of treatment groups at the end of trial.



To determine the production efficiency of various treatment groups EEF was calculated using following formula:

$$\text{European Efficiency Factor (EEF)} = \frac{\text{Liveability (\%)} * \text{Live weight (kg)} * 100}{\text{Age in days} * \text{FCR}}$$

Fig-3: Calculated EEF of treatment groups at the end of trial.



4. CARCASS CHARACTERISTICS

Table-2: Carcass Characteristics of the treatment groups

Treatment Groups	Live weight (g)	Dressed weight (g)	Dressing %	Fat %
Metal Proteinate	2,673	1,636	61.22	2.16
Kemtrace® Supreme	2,750	1,719	62.50	2.12

5. ECONOMICS BENEFITS & ROI

Table-3: ROI & Economic Calculations

PARAMETERS	METAL PROTEINATE	KEMTRACE® SUPREME
Number of birds	120	120
Final body weight (kg)	2.06	2.11
Total live weight harvested (kg)	238.61	244.76
Total Income (INR)	16,702.84	17,133.20
Cost of Production per kg live weight (INR)	60	59
Net Income (INR)	2,410	2,712
Extra Income over Metal Proteinate (INR)	-	303
ROI	-	6

There was no significant (P>0.05) difference in body weight and FCR between the groups at the end of trial. But, treatment with Kemtrace® Supreme at 500g/MT showed numerically higher body weight with 2-points better FCR over metal proteinate at 500g/MT (Fig-1 & Fig-2) dosage. Highest EEF with an ROI of 6:1 was recorded in Kemtrace® Supreme than metal proteinate (Fig-3). Results for carcass characteristics for total dressing percentage and abdominal fat pad was determined at end of trial (Table-2). Highest dressing percentage was noticed in Kemtrace® Supreme with lowest abdominal fat pad deposition over metal proteinates (Table-2).

CONCLUSION

Supplementation of Kemtrace® Supreme outperformed in terms of body weight, FCR, EEF, abdominal fat % and ROI when compared to metal proteinates. Based on the present study, it can be postulated that metal propionates (Kemtrace® Supreme) can be considered as a useful product than the trace minerals conjugated with other organic forms, in terms of overall performance parameters and ROI in commercial broilers.



A.P. POULTRY EQUIPMENTS

Pioneers in Poultry Incubators

HI-TECH INCUBATORS & HATCHERS



Killer Cone / Halal Cutting



De - Feathering Machine:



Chicken Portioning Machine



Feed Plant
(Feed Mixer & Grinder)



Solar Incubators

For Further Details Please Contact:

M. Prabhakar Reddy
Managing Partner

Mob: +91 9849212325, +91 9848123203

Office:

Villa No-45, Ramky Villas, Near HMT, Sathavahana Nagar,
Opp: KPHB, Kukatpally, Hyderabad-72. Telangana. INDIA.

Factory:

Plot No.365 & 366, Gokul Plots, Venkata Ramana Colony,
Near Vasanth Nagar, Kukatpally, Hyderabad-72. A.P. INDIA.

Email: appoultry@yahoo.com, appoultry@gmail.com, mprabakarreddy@gmail.com
Tel/Fax: +91 40 23151576 | **Website:** www.appoultry.com

**MONTHLY EGG RATES
SEPTEMBER-OCTOBER 2019**

Day	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ahmedabad	475	480	482	484	484	484	486	486	486	486	470	470	474	477	479	481	481	481	481	481	481	481	481	481
Ajmer	463	463	463	463	463	464	464	460	450	439	439	451	451	446	438	442	446	451	451	451	451	452	452	442
Banglore (CC)	463	463	463	463	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505
Chennai (CC)	453	460	463	463	463	464	465	464	451	439	439	445	451	451	438	438	444	450	450	450	450	452	452	452
Chittoor	458	468	473	473	463	463	465	465	465	465	450	450	452	458	460	462	462	455	460	460	460	460	460	450
cochin	451	461	466	466	467	467	467	469	469	469	469	464	-	-	466	466	464	464	464	464	464	464	464	464
Delhi (CC)	485	485	485	485	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511
E.Godavari	451	453	455	455	473	473	473	478	478	478	478	460	460	460	460	465	465	465	465	465	465	465	465	455
Hyderabad	435	439	441	441	466	466	466	471	471	471	471	453	453	453	453	458	458	458	458	458	458	458	458	448
Miraj	457	457	457	457	485	485	485	485	485	485	485	480	480	475	475	460	465	472	472	472	472	472	475	475
Mumbai (CC)	-	-	-	-	455	455	457	457	457	457	452	452	452	454	454	454	452	452	452	452	452	452	452	452
Mysore	485	490	494	496	441	443	444	444	444	430	425	428	431	434	436	436	425	430	433	433	433	433	425	415
Nagapur	458	465	467	467	457	457	459	459	459	454	445	441	445	445	445	445	445	445	446	446	-	-	-	-
Namakkal	460	460	460	458	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511
Pune	423	428	430	431	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	485	490	495	495	496	496	498	499	499	499	485	480	480	486	489	491	491	491	486	486	488	488	488	480
Vijayawada	451	453	455	455	500	505	505	500	500	500	500	500	505	505	505	505	505	505	505	509	509	505	505	505
Vizag	455	455	455	455	467	467	469	469	469	469	454	454	457	462	464	466	466	459	464	464	464	464	464	454
W.Godavari	451	453	455	455	455	455	460	460	450	445	445	450	445	445	440	440	440	445	445	443	435	435	-	-
Warangal	433	438	442	444	431	431	433	433	433	425	415	410	413	416	421	423	423	415	420	420	410	410	410	400

Source : www.e2necc.

ADVERTISEMENT INDEX

ALLANA	21	KAYPEYES BIOTECH	87
ANSHUMAN INDUSTRIES	75	KEMIN	BACK COVER
A.P POULTRY EQUIPMENT	127	LUBING	83
ABT CORPORATION	53	LUMIS	10
ABTL	73	MSD	71
ALLTECH	27	NATURAL REMEDIES	41
AVIAGEN	08	NEOSPAK	79
AZRA'S POULTRY EQUIPMENTS	81	NOVUS	35
BLUE STAR	99	NOBLE	67
CEVA POCHEM	39	PERICOLI	15
CHEMBOND	57	POLARIS	123
DHUMAL	33	POULTRY INDIA	05
DSM	45	PRAKASH FOODS	97
ELANCO	49	PROVET PHARMA	95
EVONIK	51	PROVIMI	43
FARMAKON	69	RIOTH	59
FRANCIS	93	RND AUTOMATION	89
GARINNO	91	SAI KRISHNA	101
GARTCH	63	SRINIVASA FARMS	29
GOLDEN GROUP	119	SUPREME	109
GLOBION	23	THE HIMALAYA	61
GUYBRO	47	VAN AARSEN	17
HESTER	65	VESPER GROUP	55
HUVEPHARMA	25	VET NEEDS	105
I.B GROUP	13	VENTRI	3RD COVER
INDIAN HERBS	85	VENKY'S	1ST COVER
INTERFACE PHARMA	2, 3, 4	VETINA	19
INTERHEAT	6, 7	VOLSCHENDORF	117
INTRON	31	ZOETIS	12
JAPFA	113	ZYDUS	14
KARMSAR POULTRY EQUIPMENTS	77		

Marek's Disease Vaccine, Live, Bivalent (HVT & SB1), Cell Associated



**Designed to Confer Protection against very
virulent Marek's Disease in Poultry**

VENTRI BIOLOGICALS
(Vaccine Division of VHPL)

Venkateshwara House, S. No. 114/A/2, Pune-Sinhgad Road, Pune - 411 030. Tel. : +91-20-24251803 Fax : (020) 24251077, 24251060



Email: ventri.biologicals@venkys.com

www.venkys.com

Rs. 60 Per Copy

Month, December 2019, RNI No.: 42917/84

Regn. No.: DL(S)-17/3213/2018-2020

Posting: Last 2 days of Month



HEALTHY SOLUTIONS
TOTAL NUTRITION



Compatibility with other additives and **non-resistance**
make **probiotics** a complete Gut Health Solution

A Complete Solution for **Poultry Gut Health**

CLOSTAT™

THE ACTIVE MICROBIAL FOR NATURAL SOLUTION

KEMIN®

© Kemin Industries, Inc. and its group of companies 2019. All rights reserved. ®™ Trademarks of Kemin Industries, Inc., U.S.A.

Edited, Printed, Published & Owned by: B.S. Rana, 25 Thyagraj Nagar Market, New Delhi-110003
and Printed at A.M. Offseters - 1810/1, Giani Bazar, Kotla Mubarakpur, New Delh-110003