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Department of Animal Husbandry and Dairying

1st INDIA ANIMAL HEALTH SUMMIT & AWARDS 2022

06 - 07 July 2022 | A.P. Shinde Symposium Hall,
National Agricultural Science Centre | Pusa, New Delhi



SOUVENIR

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1st India Animal Health Summit 2022

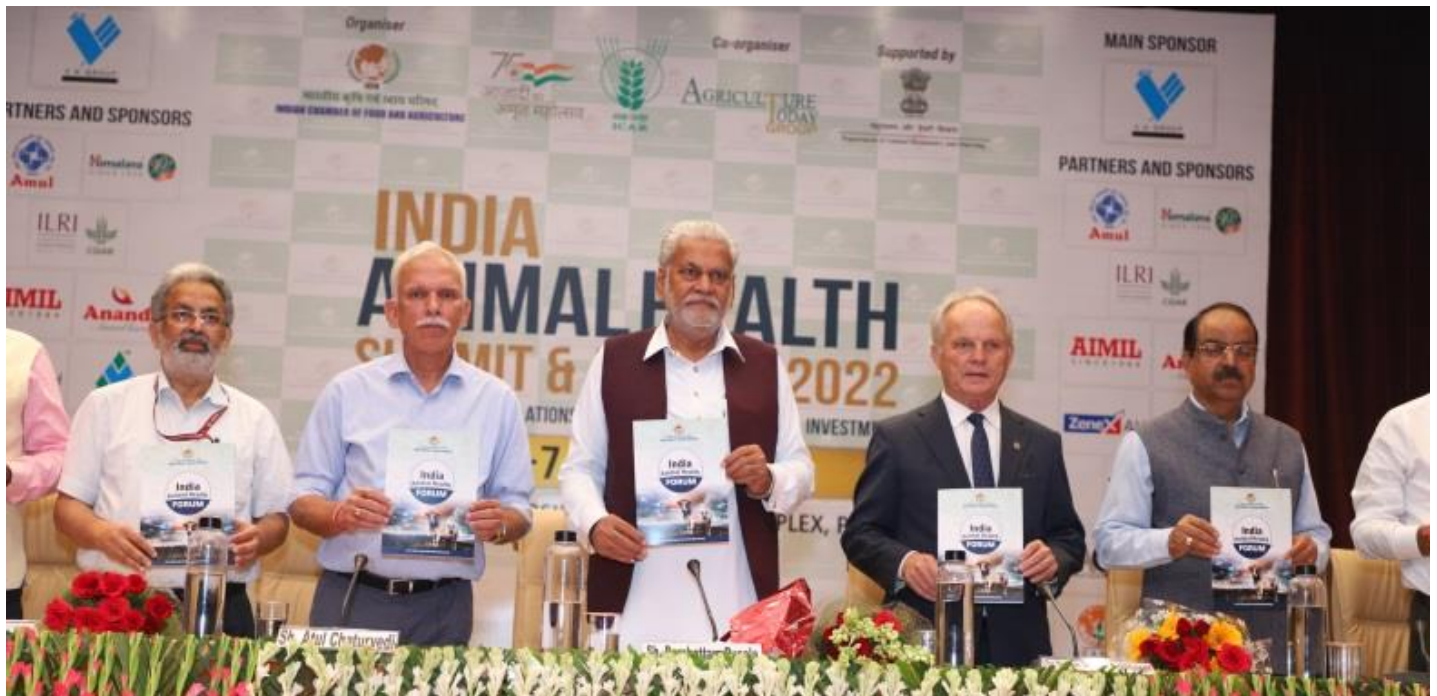
The inaugural edition of the India Animal Health Summit was successfully organized by the Agriculture Today Group in New Delhi. Held at the NASC Complex, Pusa, from July 6th to July 7th, 2022, the event aimed to bring together key stakeholders in animal health, animal husbandry, and livestock from across the country. Its purpose was to facilitate the exchange of insights on current and future trends and dynamics in the sector, while also providing a platform to explore opportunities and foster business connections.

The two-day summit attracted a significant participation from all corners of the country, with approximately 400 delegates and over 300 visitors attending. The event was graced by the esteemed presence of notable figures, including Shri Purshottam Rupala Ji, the Hon'ble Minister of Fisheries, Dairying, and Animal Husbandry, Shri Acharya Devrat, the Hon'ble Governor of Gujarat, Shri Atul Chaturvedi, Secretary of the Ministry of Fisheries, Dairying, and Animal Husbandry, Shri Praveen Malik, Commissioner AH, GOI, and Dr. B.N. Tripathi, Deputy Director General of Animal Science at ICAR, among other distinguished guests.

Objectives:

- To discuss the broad national scenario in animal health sector, scope and opportunities and challenges faced, the issues of access and equity, and the initiatives by states
- To share national and global animal health and management scenarios, emerging trends, developments, challenges, and opportunities, as well as the implications on states.
- To discuss policy, trade, technology, business, and regulatory environment for the growth of animal health and nutrition segment in India.
- To create platform for partnerships in innovations, technologies, services and health delivery systems, and mobilizing investments to support ecosystem for sustainable growth.
- To provide a platform to all key stakeholders in animal health system to showcase schemes, innovations, products and technologies, and best practices.
- To recognize the organisations, industry and individuals with India Animal Health Awards for their outstanding contributions in animal health sector.

Special Edition of Agriculture Today on Animal Health



Recognizing the platform's importance, Agriculture Today unveiled a Special Edition dedicated to Animal Health, presenting an authoritative document.

India Animal Health Awards 2022



India's animal husbandry segment has undergone a remarkable transformation, progressing from subsistence-level rearing to a well-organized industry. This evolution has been fueled by the dedicated efforts of farmers, progressive government policies, active participation from agencies, involvement of large corporates, and the innovative spirit of startups. These stakeholders have played a commendable role in driving growth and bringing about value-added transformations in India's livestock sector. However, their contributions often go unnoticed and unacknowledged.

Recognizing the national need to honor the contributions of various stakeholders in agriculture, Agriculture Today took a proactive step to inspire and recognize individuals and organizations for their leadership roles in this sector. Awards were presented in different categories to those who have made exceptional contributions in their respective fields. This initiative aimed to motivate and highlight the outstanding efforts made by these individuals and organizations in advancing the agricultural landscape of the nation.

Need To Strengthen Cooperative Movement In Livestock Sector: Shri Parshottam Rupala



During the event inauguration, **Shri Parshottam Rupala, the Union Minister of Animal Husbandry, Fisheries & Dairying**, emphasized the need for veterinary doctors to be held in the same regard as human doctors. He highlighted the significance of indigenous cows, stating that they have become pivotal for our food security and soil preservation. Shri Rupala also stressed the importance of promoting the production of non-bovine milk varieties such as camel milk, donkey milk, and goat milk due to their high nutritional value. He further expressed concern for the health and nutrition of animals reared by nomads, who lack a fixed address, urging the department to take measures to address their needs and ensure that policy incentives reach them. Shri Rupala also advocated for the popularization of Ayurvedic medicines and treatments in the animal health sector, and encouraged cooperatives to enter the animal health industry alongside private and government institutions.

Dr. MJ Khan, Chairman of ICFA, expressed his delight at the organization of the inaugural Animal Health Summit, highlighting that it is the first of its kind. He commended the government's initiatives, particularly noting the significant boost in agricultural exports. Dr. Khan emphasized the necessity of having a dedicated ministry for animal husbandry, dairying, and fisheries, a need that the government recognized and addressed. He further pointed out that several states have observed higher growth in the animal husbandry and livestock sector compared to agriculture, and he anticipates this trend to extend to other states in the future.





Dr. Umesh Sharma, President of the Veterinary Council of India, expressed his satisfaction at the organization of the first-ever summit dedicated to addressing animal health management. He expressed his joy in witnessing the presence of esteemed experts from various sectors who gathered to discuss this significant subject. Dr. Sharma took the opportunity to express his gratitude to the organizers for their devoted attention to the welfare of the millions of animals in the country. "



Dr. B.N. Tripathi, Deputy Director General of Animal Science at ICAR, acknowledged the groundbreaking nature of the summit, highlighting that it is the first time such a large-scale event has been organized specifically focused on Animal Health. Dr. Tripathi emphasized the significance of the presence of influential individuals from the industry, academia, government, and diverse sectors. Their collective participation would facilitate in-depth discussions on various aspects of the subject, underscoring its immense importance for the nation.



Dr. Dieter Joseph Schillinger, Deputy Director General of the International Livestock Research Institute, conveyed his heartfelt gratitude to the ICFA and ATG teams for organizing a summit dedicated to the discourse on Animal Health Management. As a veterinarian himself, Dr. Schillinger emphasized the significance of the livestock sector. He highlighted that apart from supplying a diverse range of products, this sector also plays a crucial role in bolstering the economy. During his presentation, he shared compelling facts and figures to support his statements.

SESSION 1: Panel Discussion on Animal Health Policy initiatives



Sh Atul Chaturvedi , Secretary, Department of Animal Husbandry & Dairying – CHAIR, He said, the concept of One Health encompasses not only zoonotic diseases but also animal diseases. It involves the creation of Foot-and-Mouth Disease (FMD) free zones, which would facilitate easier exports from these designated areas. An essential aspect is the provision of high-quality veterinary services directly accessible to farmers. To achieve this, there is a pressing need to enhance the respect and status of veterinary doctors, elevating their professional standing. Furthermore, it is crucial to establish well-equipped infrastructure in veterinary hospitals to cater to basic requirements. Additionally, leveraging social capital can prove beneficial in conducting research and extending outreach activities in the field of veterinary medicine.

Dr. Praveen Malik, Commissioner of Animal Husbandry, identified the segregation of the poultry industry from animal husbandry as a significant challenge. He emphasized the need for active participation from both industry and academia, urging them to provide their suggestions and recommendations. Such inputs would enable policy-level interventions to effectively address the concerns of these stakeholders. Dr. Malik also emphasized the immense value of feedback on policies and schemes from the stakeholders.

Dr. B.N. Tripathi, Deputy Director General of Animal Science, emphasized that their organization serves as a think tank for the country, particularly regarding investments in the field. He assured the nation's citizens and stakeholders that they would consistently generate technological ideas and advancements in Animal Husbandry. However, Dr. Tripathi emphasized the importance of industry support in order to develop and effectively utilize these technologies.

Dr. A. Sahoo, Director of the National Research Center on Camel, presented data to the audience, focusing on different animal products and their applications. He highlighted the significance of camel milk, particularly in India where there is a substantial population of people with diabetes. Dr. Sahoo emphasized that camel milk holds therapeutic benefits in treating this condition. He stressed the importance of promoting animal health to enhance productivity, increase farmers' profits, and contribute to the overall development of India.

Dr. N.H. Kelawala, Vice-Chancellor of Kamdhenu University, highlighted the significance of the "one health" concept and emphasized the need for policy decisions concerning animal health. He stressed the importance of implementing essential programs and policies to effectively manage animal health. Dr. Kelawala specifically emphasized the utilization of ultrasonic machines for animals, recognizing their potential in diagnostics and healthcare. Additionally, he highlighted the need for a comprehensive breeding policy to ensure the well-being and genetic improvement of animal populations.



Dr. Habibar Rahman, the South Asia Representative of ILRI, drew attention to the geographical context of India, which shares borders with six neighboring countries. He pointed out that the movement of animals across these borders can lead to the transmission of diseases. Dr. Rahman emphasized the importance of focusing on vaccines, disease management, and other crucial aspects of animal health management. He particularly stressed the necessity of implementing a robust surveillance program to effectively monitor and address disease outbreaks in animals.



DAY 2



SESSION 1: Business Environment & Investment Opportunities in the Animal Health Sector

Dr DVR Prakash Rao President, National Academy of Veterinary Sciences,

admitted that the animal sector is the fastest growing sector growing at a great pace. “There has been tremendous growth in the past five years in this sector. For the farmers, income from this sector acts as an insurance against the calamities and losses.”

Dr Anup Kalra, Executive Director, AYURVET, brought to the focus the significance of Veterinarians in animal health. “It is when the animals are healthy that our export and National economy is good. In a way, animal health is directly related to the wealth of the country, “ he said. He also talked about the growing importance and the relevance of the "One Health" concept.

Mr Vijay Sardana, Agricultural Economist,

said that in the animal sector, health is a major concern as it is directly related to the overall development of the nation in various ways. “India is lucky to have such a huge market of consumers, and we must make use of it in the best possible way,” he commented.

Mr Rishiraj Singh, Advisor, Sahaj Group,

With his 25 years of experience in the dairy industry talked about the commercial animal health market wherein he discussed topics such as antibiotic drug resistance, vaccines, commercial diagnostic labs and sensor based monitoring in the livestock sector.

Session 2: Animal Health for One Health Management



Dr Praveen Malik, Commision AH, GOI – Session Chair

Dr. R.S. Sethi, Head of Animal Biotechnology and Center of One Health, expressed his belief in the increasing demand for animal products in the modern world. He emphasized the paramount importance of animal health in ensuring productivity. Dr. Sethi highlighted that animal diseases can cause a significant loss, up to 20 percent, in animal food productivity. Furthermore, he emphasized the interconnectedness of health between animals, humans, and plants, underscoring its critical significance.

Dr. Manjunath S Palegar, Director of Animal Husbandry in the Government of Karnataka, emphasized the ongoing efforts to enhance infrastructure facilities for animal health in dispensaries and hospitals across the state. He mentioned the improvements being made, including the provision of essential equipment such as x-ray machines and ultrasound machines. Dr. Palegar highlighted the state government's initiatives in conducting health and infertility camps in rural areas, ensuring access to veterinary care. He also mentioned the availability of a 24/7 animal welfare helpline in Karnataka, further showcasing the government's commitment to animal well-being.

Dr. Ashish Paturkar, Vice Chancellor of MAFSU, highlighted the significance of One Health, emphasizing that animal health is equally important as human health. He underscored that health encompasses more than just the absence of disease in animals; it encompasses their overall well-being, which plays a crucial role in enhancing their productivity.

Dr. Ashok Kumar, a panelist, also shared insights on the "One Health" concept. He acknowledged that while the concept has been in existence since the 19th century, it has gained renewed attention and relevance in recent times. Dr. Kumar emphasized the significance of this concept, urging everyone to recognize the interconnectedness of animal and human health. He stressed the need to break down the differentiation between the two and approach health holistically.

Session 3: Innovative Approaches in Animal Health Delivery and Management

Dr MJ Saxena, the former Managing Director of AYURVET - CHAIR, extended a warm welcome to all the attendees. In his address, he expressed his gratitude and admiration for Dr. MJ Khan, Mrs. Mamta Jain, and their dedicated team for their enthusiasm and efforts in organizing the Animal Health Summit. He acknowledged that the IAHS is the pioneering event of its kind in the country. Saxena emphasized the crucial relationship between animal health and productivity, highlighting its direct impact on overall profitability.



Sh. Mahipal Yadav, Chairman of Sanskaram Veterinary College in Haryana, initiated the discussion by highlighting the substantial demand for veterinary colleges, both in India and globally. He pointed out that India currently houses approximately 53 veterinary colleges offering around 3,500 seats. However, the primary concern lies in the quality of education provided and the adequacy of equipment and technology employed for teaching and research purposes. Yadav emphasized the importance of cultivating excellent veterinarians who can effectively oversee animal health and wellness.

Dr. Sunil Gulati, Former Special Chief Secretary of the Government of Haryana, reflected on his experience overseeing the Animal Husbandry department in the state. He emphasized the vital role of veterinarians in handling various challenges effectively, often relying on their own expertise. Dr. Gulati stressed that animals are unable to communicate their pains or raise concerns, emphasizing the duty and responsibility of veterinarians to prioritize and work towards their well-being.

Dr. Jyoti Misri, Principal Scientist at ICAR, highlighted the crucial role of livestock in ensuring food security. She emphasized the responsibility of safeguarding animals and placing them in a secure environment. Dr. Misri stressed the significance of improved technology and education for the overall growth of the livestock and poultry sectors, emphasizing that these advancements will enhance productivity in these sectors.

Dr. B Saravanan, President of the Tamil Nadu State Veterinary Council, expressed his gratitude for the opportunity to participate in the discussion of this significant topic. He emphasized that three essential pillars form the foundation of good animal husbandry practices: good health, good nutrition, and good breed. Dr. Saravanan also highlighted their efforts in developing an application that specifically focuses on these three factors, showcasing their commitment to promoting effective animal husbandry practices.

Dr. RP Singh, Director of ICAR Directorate of Foot & Mouth Diseases, shared his extensive experience in the field, particularly in the areas of vaccines and diagnostics. With involvement in numerous project activities alongside the Technology office and 18 start-ups, he underscored the significance of animal health and highlighted its paramount importance on a national scale. Dr. Singh emphasized the crucial role that this topic plays in ensuring the well-being and welfare of animals across the country.

Session 4 – Startups Ecosystem and Digital Technologies in Animal Health Sector

Dr. M Moni, Former Director General of the National Informatics Center - CHAIR, shared his extensive experience of over 35 years in the sector. He highlighted his close association with the Indian Chamber of Food and Agriculture, underscoring the significance of this field, particularly in the era of startups. Dr. Moni emphasized the importance of having at least one Agri tech startup in every Gram Panchayat, recognizing the need for technological advancements in agriculture. He also mentioned their ongoing efforts in developing the "Health Informatics Network Value Chain," which aims to interconnect human, soil, water, and animal health, among other programs.

Dr. Rameshwar Singh, Vice Chancellor of BASU, expressed his interest in discussing the startup system within the livestock sector. Coming from an academic background that traditionally prioritizes teaching and research, Dr. Singh acknowledged the shift towards fostering entrepreneurship. He highlighted the impressive growth of the livestock sector, demonstrating a compounded annual growth rate of approximately 8.5% over the past five years. This resilience showcased by the sector further emphasized the significance and potential for startups in the livestock industry.

Mr. Aseem Rawat, the Founder of HETHA, shared his journey and experience with his startup that focuses on indigenous cows. He reflected on the challenges they faced when they first started their venture seven years ago, as they endeavored to work for the welfare of these roaming cows. They began utilizing various derivatives, such as cow dung and cow urine, which have significant importance in Ayurvedic medicine with numerous medicinal properties. Presently, they have successfully manufactured over 100 products derived from these indigenous cows. Mr. Rawat highlighted the relevance of innovative ideas and startups in this continuously evolving market, emphasizing the immense potential for growth and development.

Dr. Maneesh Jain, Founder and CEO of Vivan Life Sciences, discussed the concept of the "Animal Ecosystem," which encompasses various stakeholders such as wild animals, farmers, veterinarians, policymakers, and the industry as a whole. He emphasized the importance of focusing on startups within the animal health sector that aim to bring value or initiate positive changes to these components of the animal ecosystem. Dr. Jain highlighted the significance of nurturing a startup ecosystem that aligns with the needs and requirements of this diverse and interconnected ecosystem.

Mr. Deepak Singhal, Managing Director of Hindustan Insurance Brokers Ltd, seized the opportunity to discuss his experiences in the field of livestock insurance in rural areas. He expressed his satisfaction in insuring approximately 1,600,000 livestock and successfully handling over 68,000 claims, resulting in the payment of approximately 155 crore rupees directly to farmers. Since 2016, their focus has been on insuring livestock, an area that has historically been neglected. Currently, their efforts are concentrated in Uttar Pradesh, Madhya Pradesh, Haryana, Jammu and Kashmir, Himachal Pradesh, and Uttarakhand. They also have plans to expand their operations to Maharashtra and Rajasthan in the future.

Dr. Inderjeet Singh, Vice Chancellor of GADVASU, expressed his belief that the 2020 New Education Policy is a positive step forward as it emphasizes the development of entrepreneurship. He highlighted the significant potential for improvement in the field of animal health through advancements in this area.

Session 5: Policies and Regulatory Ecosystem for Animal Health Sector



Mr. Upmanyu Basu, Joint Secretary of DAHD - CHAIR, highlighted the historical lack of priority given to animal health. However, he acknowledged the transformative impact of the National Animal Disease Program, initiated in 2019, as a significant catalyst for change. He emphasized the continuous efforts made by both the central and state governments to enhance animal health through their policies and programs that promote the "One Health" approach. Mr. Basu also stressed the importance of technological development and innovation in advancing the "One Health" agenda.

Dr. Falguni Thakar, Director of AH in the Government of Gujarat, expressed her satisfaction with the comprehensive coverage of important topics related to Animal Health during the event. She highlighted the need for policies and robust regulatory systems in the Animal Sector, emphasizing their role in promoting holistic development and aligning with the honorable Prime Minister's vision of enhancing farmers' income and improving animal health in India.

Dr. Amarendra Singh, Director of AH in the Government of Andhra Pradesh, discussed the experiences, policies, and regulations implemented by the state in the Livestock sector. He highlighted the introduction of several acts, including the Animal Feed Act 2020, the Fodder Security Policy 2021-26, and the Andhra Pradesh Bovine Breeding Regulation and Insemination Services Act, 2021. These initiatives reflect the state's commitment to animal health and its efforts to develop policies that contribute to its improvement.



Dr. KML Pathak, former DDG of Animal Science at ICAR, expressed the objective of the summit, which aimed to unite individuals from various sectors such as academia, industry, policymakers, the Department of Animal Husbandry, and farmers. The summit provided a platform for fruitful discussions on crucial topics related to livestock and animal health. In the past sessions, significant subjects were deliberated upon, contributing to the overall knowledge exchange in the field.

According to **Dr. PK Shukla, Dean and Registrar of DUVASU Mathura**, the animal sector in India exhibits a remarkable trend of positive growth. Additionally, he emphasized the self-sustainability of the poultry sector.

Session 6: CEOs Panel on Roadmap for Making India a Global Power in AH Sector



Dr. Tarun Shridhar, former Secretary of DAHD and the chairperson of the session, expressed his deep privilege and honor to be in the presence of esteemed individuals from the industry and to engage in a discussion on the crucial and pertinent subject of animal health and the livestock sector. He emphasized the focus of the session on outlining the "Roadmap Ahead," aiming to explore ways to propel the sector towards progress and development.



Sh. Neti Patel, the Business Head of the Animal Health Division at Himalaya Wellness, emphasized the interconnectedness of wellness between animals and humans. He highlighted the need to view animal and human health holistically, rather than as separate entities. In discussing India's progress in animal wellness, he emphasized the significance of internal well-being. Dr. Patel underscored the importance of addressing animal health as a crucial topic for discussion and advancement in order to promote overall wellness.

Dr. Ikshit Sharma, the Director of AIMIL, delivered a presentation on the Animal Health Care Market in India, highlighting the market segment and the need for innovation in this field. Expressing gratitude for the opportunity to address such esteemed individuals from the industry, Dr. Sharma emphasized AIMIL's 37 years of dedicated service in human and animal health. He expressed the organization's objective of charting a roadmap to position India as a global leader in the health sector.

Mr. RS Dixit, the Chairman and Managing Director of ANANDA Group, expressed the significance of animal health as a matter of national importance that requires concerted efforts. He highlighted ANANDA's ongoing initiatives in providing animal health services primarily in Uttar Pradesh. Their operations span across multiple districts, reaching 6000 villages in the state. Mr. Dixit outlined their vision to contribute towards substantial advancements in the livestock sector and the overall well-being of animal



Mr. Amit Vyas, the Managing Director of AMUL (Kaira), emphasized the need for staying ahead of the curve in today's world. He stressed the importance of embracing digitization and technological advancements, especially at the village and rural levels, in the realm of Animal Health and the broader livestock sector. Mr. Vyas encouraged the implementation of data-driven systems, testing, monitoring, and other technological solutions to support the success of ideas in Animal Health. He further highlighted the significance of data and digitization in maximizing the benefits for farmers.



Mr. Santosh Deshpande, the Head of Department at Venkateshwara Hatcheries, highlighted the distinctiveness of the poultry sector and its continuous growth. He emphasized that the integration of various allied sectors has played a significant role in this growth. Mr. Deshpande also emphasized the importance of improved animal health, specifically in the poultry industry, as it directly contributes to increased productivity and ultimately leads to higher profits.

INDIA ANIMAL HEALTH AWARDS 2022



Sh Acharya Devvrat Calls for Urgent Promotion and Strengthening of Desi Cows and Natural Farming

Honorable Governor of Gujarat Highlights Importance of India Animal Health Summit, Advocates for Natural Farming and Desi Cows

The esteemed Governor of Gujarat expressed his delight at participating in the 1st India Animal Health Summit, emphasizing the long-awaited need for such a gathering to address animal-related challenges. Drawing from his personal experience in agricultural practices at the Gurukul of Kurukshetra, he emphasized the significance of natural farming as the solution for improving soil health. Notably, he highlighted the crucial role played by desi cows in this process, as their urine contains essential minerals. Expressing concern over the poor condition of desi cows in gowshalas across the country, he emphasized the need to move beyond gowshalas as a solution. Furthermore, he urged for the adoption of poison-free agriculture practices. He congratulated the winners of the India Animal Health Summit 2022 for their outstanding contributions in their respective fields.



Sh SP Baghel, Minister of State, Ministry of Law and Justice, Government of India

He said, India's Agricultural Economy Relies on Over 8.5 Crore Families, Emphasizes the Significance of Breed Improvement for Doubling Farmers' Income

During his address, Sh Baghel underscored the vital role of breed improvement in achieving the goal of doubling farmers' income. With over 8.5 crore families engaged in dairying and animal husbandry, he highlighted the importance of diversifying income sources through secondary occupations such as animal husbandry, poultry, fisheries, and horticulture. Additionally, he emphasized the adoption of efficient irrigation methods like drip and sprinkler systems as key strategies to enhance farmer incomes.

AWARDEES OF INDIA ANIMAL HEALTH AWARDS 2022

Research Leadership	»»»	Dr BN Tripathi
Research Leadership	»»»	Dr Ashish M Paturkar
Academic Leadership	»»»	Dr Inderjeet Singh
Policy Leadership	»»»	Dr Tarun Sridhar, IAS
New Initiatives Leadership	»»»	Sh Atul Chaturvedi, IAS
Program Leadership	»»»	Dr Praveen Malik
Extension Leadership	»»»	Kamdhenu University, Gandhinagar, Gujarat
Innovation Leadership	»»»	Zenex Animal Health India, Ahmedabad
Technology Leadership	»»»	Ayurvet Limited, New Delhi
Corporate Leadership	»»»	Himalaya Wellness Company, Bengaluru
CSR Leadership	»»»	ANANDA Group, New Delhi
Best Company in Pharma	»»»	VIRBAC Animal Health India Pvt Ltd, Mumbai
Best Company in Animal Feed	»»»	Amul Cattle Feed & Feed Supplements, Anand
Best Company in Vaccines	»»»	Venkateshwara Hatcheries Private Limited, Pune
Best State in AH Infrastructure	»»»	The State of Gujarat
Best State in AH Management	»»»	The State of Andhra Pradesh
Best State for New Initiatives	»»»	The State of Karnataka
Startup of the Year	»»»	HETHA Organics, Ghaziabad
Farmer of the Year	»»»	Sh Rameshbhai Ruparelia
Young Scientist of the Year	»»»	Dr Mukul Anand
Special Recognition	»»»	Dr Padeep Malik
Lifetime Achievements	»»»	Dr KML Pathak





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