

SAFEGUARDING YOUR LAYER FLOCK

**Comprehensive, trusted protection
from the leaders in poultry health.**

As part of family-owned Boehringer Ingelheim, founded in 1885, Boehringer Ingelheim is the second largest animal health business in the world. With more than 10,000 employees worldwide, Boehringer Ingelheim produces products for more than 150 markets and has a global presence in 99 countries.

OUR VISION FOR HEALTH

At Boehringer Ingelheim, we believe that when animals are healthy, people benefit too. That's why we are committed to making our industry even better at improving both human and animal health.

We discover, develop, and manufacture vaccines, parasiticides, and therapeutics, complemented by diagnostics and monitoring platforms. We strive to go beyond medicine to better predict, detect, and prevent animal diseases before they arise.

Our expertise in animal health stretches from poultry, cattle, and swine to companion animals, and we market many world-class animal health products:

- **For poultry**, the VAXXITEK® portfolio of vaccines
- **For cattle**, the Pyramid®/Presponse® family of vaccines and Eprinex® (eprinomectin), LongRange® (eprinomectin), and Ivomec® (ivermectin) brand products
- **For dogs and cats**, FRONTLINE® brand products
- **For dogs**, NexGard® (afoxolaner) and HEARTGARD® Plus (ivermectin/pyrantel)
- **For swine**, the FLEX Family™ of vaccines

People with a passion for poultry

We aspire to create the future of poultry well-being through preventative care.

Through our existing and new vaccines, diagnostics, research services, technical expertise, and uncompromising passion for our customers' business, we are proud to play a critical role in helping to feed the world with safe, affordable, abundant, and sustainable quality poultry meat and eggs.

We are here to help our customers tackle the challenges they face with preventive care solutions. We are also increasing our focus on non-traditional animal health offerings, such as point-of-care diagnostic technologies, live biotherapeutics, and digital solutions.



PREVENTION WORKS

Shaping the future of poultry health

PREVENTION WORKS is a global campaign that demonstrates the importance of prevention in shaping the future of poultry health.

This critical initiative encompasses not only the range of innovative world-class vaccines but also provides our customers with an even broader offering, including:



State-of-the-art diagnostics



Global research facilities



Tools to evaluate the success of prevention



Experience and expertise of every member of the team

LET US HELP YOU PROTECT YOUR FLOCK

For more information on the full range of products we produce or the range of additional vaccination services we provide, please contact us at ahlayers.us@boehringer-ingelheim.com.

PROVIDING PROTECTION FOR LAYERS AGAINST SOME OF THE MOST SIGNIFICANT DISEASES

Boehringer Ingelheim understands the poultry diseases that are most relevant and significant for the layer segment. Our wide range of trusted and proven vaccines offers exceptional protection against a variety of diseases.

Disease prevention can make or break a flock's performance.

Healthy layers produce more eggs, positively impacting your complexes. At Boehringer Ingelheim, we understand your need to ensure a healthy poultry flock. You can depend on us for tools, techniques, and on-site consulting to help monitor your flock health, disease challenge status, and other critical issues, such as animal welfare, public health, and sustainability.

VAXXITEK® HVT+IBD is an innovative, safe, and effective vector vaccine that provides early protection against classic, variant, and very virulent pathotypes of infectious bursal disease virus (IBDV) and Marek's disease (MD).¹ Since it was launched 14 years ago, VAXXITEK® HVT+IBD has come to be regarded as the immune foundation in poultry protection, with over 100 billion birds vaccinated globally.²

VAXXITEK® HVT+IBD+ILT is a 3-in-1 vector vaccine—built on the trusted vaccination platform used to develop VAXXITEK® HVT+IBD—that provides a strong immune foundation and optimizes protection against MD, IBD, and infectious laryngotracheitis (ILT).

PREVEXXION™ RN is a biological tool effective against very virulent strains of MD. PREVEXXION RN is a serotype 1 MD vaccine that has been shown to be safe and efficacious against very virulent MD.³

PREVEXXION® RN/VAXXITEK® HVT+IBD is a combination of the VAXXITEK® HVT+IBD and PREVEXXION® RN vaccines for effective protection against IBD and MD with the addition of 3 serotype 1 strains for added protection against the most virulent MD viruses. Available in a 2000-dose single vial.



AVINEW® is the only live attenuated Newcastle disease (ND) vaccine that replicates in both the respiratory and enteric tracts to provide a strong systemic immune response with minimal reactions.^{2,4}

RESPIRATORY VACCINES for protection against Newcastle disease and Infectious Bronchitis, such as Newcastle (B1, B1), Newcastle (B1, LaSota), Bronchitis (Mass.), Bronchitis (Ark.), and Newcastle (B1, B1) Bronchitis (Mass. & Conn.), Newcastle (B1, B1) Bronchitis (Mass. & Ark.), and Newcastle (B1, LaSota) Bronchitis (Mass./Holland strain).

SPECIALTY PRODUCTS such as LT BLEN® for laryngotracheitis, PT BLEN® and TREMOR-BLEN-D for avian encephalomyelitis, S-706 and SVS-510 for bursal disease, and the fowlpox vaccine.

CUSTOM-MADE VACCINES containing antigens from the specific disease-producing strain in your flock are manufactured upon request.

VACCINES AND SO MUCH MORE

Our commitment to excellence goes beyond providing innovative and effective products. We believe in sharing the vast knowledge and experience of our experts and our extensive research, diagnostic services, and training programs that you need to more effectively maximize immunity, minimize disease transmission, and optimize profitability.

Additional poultry services we provide include:



Professional Veterinary Services

Our Professional Veterinary Services (PVS) team has decades of experience to help you make intelligent, science-driven decisions in today's complex, globalized, and high-tech poultry industry.



Vaccination Supply

The delicate process of biologics manufacturing, storage, and transport requires an agile, responsive network of supply chain experts. We maintain constant communication across all parties to forecast demand, understand capacity, and deliver product around the world.



Poultry Health Expertise

Our hatchery experts have many years of experience in successfully safeguarding the health of poultry flocks. We collaborate with poultry producers to help improve the health and productivity of their flocks, and their businesses, through expert advice, training, equipment, and support.

References: 1. Rautenschlein S, Simon B, Jung A, et al. Protective efficacy of VAXXITEK® HVT+IBD in commercial layers and broilers against challenge with very virulent infectious bursal disease virus. Presented at: The World Veterinary Poultry Association Congress; November 8–12, 2009; Marrakesh, Morocco. 2. Data on file at Boehringer Ingelheim. 3. Perozo F, Villegas P, Dolz R, et al. The VG/GA strain of Newcastle disease virus: mucosal immunity, protection against lethal challenge and molecular analysis. *Avian Pathol.* 2008;37:237–245. 4. Gimeno IM. Marek's disease vaccines: a solution for today but a worry for tomorrow? *Vaccine.* 2008;26:C31–C41.