

Insight in Poultry Health and Food Safety



Our services

- Veterinary laboratory tests/FTA
- Proficiency testing schemes (PTS)
- Diagnostics; biological reagents
- Research & Development
- Consultancy
- Contract Research (CRO)
- Disease control programmes
- GD Academy

More information:
support@gdanimalhealth.com

Good health is in the interest of animals and contributes to sustainable farming. This meets the goals of a society that would like environmental friendly food that is safe and healthy. As your partner in animal health Royal GD has the knowledge and passion to support these goals with our high quality and independent products and services.

The European Union is an upcoming market for export. GD would like to support you to profit from this opportunity by offering you training with a focus on healthy animals and food safety in the EU. Combine one of the subjects below with a live Q&A session with one of our experts to make sure your knowledge is up to date so you can profit from the opportunities in the market.

1. General aspects

- Emphasis of the poultry industry organisation
- Emphasis on welfare: pyramid of food requirements
- General health care
- EU regulations for production
- Core breeding stock
- Control of horizontal and vertical transmissions: hygiene
- Importance of maternal antibodies: vaccination
- Introduction to monitoring programmes

2. EU layer sector

- Emphasis on different housing systems (colony, barn, free range, organic, Dutch concepts such as 'Rondeel' and 'Kipster')
- Risks and diseases of the different systems
- Quality mark: 'Better Life label'
- Introduction to monitoring programmes
- Health risks and control risks

3. EU broiler sector

- Emphasis on different housing systems (intensive, moderately intensive, extensive, organic, Dutch concepts such as 'Volwaard' and 'Windstreek')
- Risks and diseases of the different systems
- Quality mark: 'Better Life label'
- Introduction to monitoring programmes
- Health risks and control risks

4. Monitoring programmes

- Official Dutch monitoring programmes: Avian Influenza, Newcastle Disease, *Mycoplasma gallisepticum*, *Salmonella Pullorum/Gallinarum*, Zoonotic Salmonella
- Focus on the design of these programmes: monitoring frequency and sample size
- Tests used

5. Biosecurity

- Hygiene
- Sanitation and disinfection
- What is biosecurity?
- What is the importance of biosecurity?
- What is cultural biosecurity and why is this important?
- How to follow best practice guidelines?
- How to keep pathogens out?

6. IBV

- Molecular Characterization of Infectious Bronchitis Virus, with a focus on local strains, like 793/B-type, LX-4 (QX), TW-type, LDT3-type, TC07-2type
- Theory of protection against IBV (immunology), with a focus on vaccination strategies including local IBV strains protection

7. IBD variants

- Serotype I IBDV strains: varying antigenicity and pathogenicity (classical, variant, and very virulent IBDV), including genotype classification
- Theory of risk of antigenic drift, including clinical signs of "drift strains"

8. Salmonella (zoonotic)

- Risk factors of a salmonella infection in poultry, with diagnostic test to demonstrate *Salmonella* spp. in poultry
- Prevention of salmonella infection, with a focus on preventive vaccination (theory)



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Plan your training

Please contact us directly or contact your local GD distributor for further information and a custom-made programme to meet your needs.