Herd-health practical in poultry farm

Undersigned, …….Supervisor of the practical work, herewith declares that the practitioner duly performed the tasks assigned for the date

	Tasks	Date	Signature
1	Get acquainted with the plan of disease control of the poultry farm and the hatchery; operation of the biosecurity facilities		
2	Get acquainted with the HCCP programme of the poultry farm and the hatchery		
3	With regard to prevention of poultry diseases check-up and critically evaluate: o the isolation of the farm and hatchery and safety distances from settlements and other important facilities; o study the to-and-fro traffic (personnel, vehicle, animal and infection transmitting materials); o implementation of the "all in – all out" principle; rotation of batches and practice of repopulation; o evaluate the harmony of operation between size of the poultry farm and other facilities (hatchery and slaughterhouse) of the integration; o study the pest control programmes in the farm and hatchery with respect of professionalism and regular control of efficiency; o judge the within farm allocation, isolation and operation of facilities that have high risks in transmission of infectious diseases (place of post-mortem examination; place and method of collecting dead birds and by products of hatchery, storing of litter and packing materials, etc.); o assess regularity, transport and methods of handling and disposal of wastes including dead birds and litter materials; assess egg collection, litter distribution and distribution of feed; collate the experiences with relevant regulations and directives; o analyse the connection between the large-scale poultry farm and back yard poultry production (if relevant); o study the continuity of biosecurity measures and methods and regularity of control.		
4	Within the frame of hygienic operation of poultry farms study and get acquainted with: o methods and circumstances of reception day-old-chicks from the hatchery with special reference to disrupting the infective chain viz. ascertain the		

	method of cleaning and disinfection of the house and equipment, frequency of sanitation programmes and monitoring the efficiency of disinfection. o deliver opinion on the length of the service period and technical maintenance of facilities and equipment; o study the method of littering the house (use and arrangement of bedding materials), suitability of different litter materials, mounting and spatial allocation of feeding and watering facilities; o study the microclimate of the house (setting and control of heating and ventilation; check the environmental temperature, relative humidity and air velocity in the house prepared for reception of birds) o familiarize with the documentations of receiving new batches of birds and the so called "Record of setting day-old chicken".		
5	Study the technological description of housing, feeding and treatment elaborated for the given poultry breed with special reference of health problems originating from failures of the management. o study the technical facilities of controlling and monitoring the microclimate; o study the equipment of feed distribution, light regime, laying nests, cages, feed silos, watering etc. o evaluate the suitability of transport, storage and distribution of feeds from the point of health hazards; o acquire information about quality control, composition and nutrient content of feeds and collate with the requirements of the bird population; o evaluate the stocking density; o get acquainted with collection, treatment, storage and delivery of breeding eggs; o study the questions of warrants (guarantee) in trading poultry and feeds for poultry		
6	With respect to operation of hatcheries o get acquainted with the technical set up of the hatchery and evaluate from point of biosecurity, o study the technical arrangement of the rooms and chambers with respect to storage and disposal a wastes; o acquire information about the route of eggs and day-old chicken; o describe the methods of hatching (mono- or bi-phase hatching technology);		

	○ familiarise with procedure of hatching, factors that influence of hatchability, identification of hatching failures; ○ Interventions in the hatchery (vaccination, beak trimming). Suitability of these interventions.		
7	In the frame of eradication of poultry disease the student should acquire information ○ on the veterinary directives of *Salmonella* control relevant to the breed; ○ obtain biological samples for checking prevention and control measures of salmonellosis, get acquainted with implementation of control measures as adopted to the farm and be familiarised with acquiring veterinary certificates that prove freedom from salmonellosis; ○ get information on *Mycoplasma* status of the farm and participate in implementing of preventive and control programmes by collecting blood samples and cloaca swabs; ○ collect information on labour organisation in controlling salmonellosis and mycoplasmosis.		
8	With respect to specific defence against poultry diseases the student ○ should learn the vaccination programme developed for the poultry farm, participate in up-grading the programme and prepare a genuine schedule of vaccination; ○ practice the methods of inoculations; ○ prepare the vaccines for administration.		
9	In context of veterinary and food safety management the student should ○ check daily the health status of the flock; ○ carry out clinical observations and ○ dissect dead birds for gross pathological examination; ○ take blood samples for checking up the immune status of birds and controlling the efficiency of vaccination; ○ study prevalence and severity of management related diseases (technopathies); ○ collate the actual data of animal welfare with relevant rules and directives; ○ check-up aspects of labour safety in the farm with special reference to diseases transmissible for humans (zoonotic diseases); ○ participate in the clinical observation of slaughter birds prior to transport and learn filling up relevant documentations; ○ study the hygienic aspects of laying and methods of eggs' treatment;		

	○ participate/organise of sending biological samples to diagnostic labs; ○ study and check the records of veterinary importance ("stable-diary", records of mortality, morbidity and medical treatments, feeding and culling; certificates on manure disposal, disposal of dead birds, and certificates of transport of live birds and eggs etc.).)		
10	Study the efficiency of poultry production on basis of local data.		

Of the above practices the student should perform at least 70% and the activities should be testified by signature of the supervisor. Lesser performance forms stumbling block of acceptance.

Date and place of the practice

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Supervisor

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Herd-Health and Veterinary Ethology

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