

TURKEY PROGRAM, WVEPAH, BERLIN OCT. 17-22, 2016

Module I, 6 days program

Course masters : *Helen Wojcinski* (group leader & moderator), **Mohamed Hafez, Steven Clark, Eric Gonder**

Monday Oct. 17

08:00 – 09:00 Registration, CMs introduction and students introduction
09:00 - 10:00 Global turkey production (Hafez)
10:00 - 10:20 Coffee break
10:20 - 12:00 Primary turkey breeding (Wojcinski)
12:00 - 13:30 Lunch
13:30 - 14:15 Commercial production systems: Europe (Hafez)
14:15 - 15:15 Commercial production systems: US performance, how turkey veterinarians operate (Gonder)
15:15 - 15:30 Coffee break
15:30 - 16:30 USA animal health association (USAHA) annual health survey (Clark)
16:30 - 17:30 Student presentations on turkey production in their geographic region

Tuesday Oct. 18

Hatchery and early brooding conditions

08:00 - 10:00 Non-infectious hatchery related: dehydration, leg conditions, servicing (beak/toe trimming, injection, injury, transportation (Gonder)
10:00 - 10:20 Coffee break
10:20 - 12:00 Infectious hatchery/breeder source related: omphalitis (E. coli), brooder pneumonia (Aspergillus), joint infections (Staphylococcus, Pseudomonas (Hafez)
12:00 - 13:30 Lunch
13:30 - 14:30 Salmonella (Wojcinski)
14:30 - 15:30 Avian encephalomyelitis, mycotic encephalitis (Gonder)
15:30 - 15:45 Coffee break
15:45 - 16:15 Roundheart (Clark)
16:15 - 17:30 Egg break out and fertility determination, analysis of hatchery debris. Poults (0-10 days) common conditions (Wojcinsky, Gonder, Clark, Hafez)

Wednesday Oct. 19

Grow-out diseases

08:00 - 09:30 Histomoniasis (blackhead) (Hafez)
09:30 - 10:15 Mycoplasma (MG, MS, MM, MI) (Hafez)
10:15 - 10:35 Coffee break
10:35 - 12:00 Mycoplasma (MG, MS, MM, MI) (Hafez)

12:00 - 13:30 Lunch
13:30 - 14:30 Fowl cholera (Wojcinski)
14:30 - 17:00 Necropsy laboratory (turkeys of all ages) (Hafez and all the CMs)

Thursday Oct. 20

Grow-out diseases

08:00 - 10:00 Enteritis and environmental/feed factors/dysbacteriosis (Gonder)
10:00 - 10:20 Coffee break
10:20 - 12:00 Viral enteritis: PEMS, SMT (Clark)
12:00 - 13:30 Lunch
13:30 - 15:15 Coccidiosis and flagellated protozoa (Clark)
15:15 - 15:35 Coffee break
15:35 - 17:00 General serology: response to vaccination and field challenges, theory and laboratory demonstration (Wojcinski)

Friday Oct. 21

Grow-out diseases

08:00 - 09:00 Environmental factors – non infectious (Wojcinski)
09:00 - 10:15 E. coli (Wojcinski)
10:15 - 10:35 Coffee break
10:35 - 12:00 Erysipelas (Clark)
12:00 - 13:30 Lunch
13:30 - 15 30 Avian influenza, Newcastle disease, turkey rhinotracheitis (Wojcinski)
15:30 - 15:45 Coffee break
15:45 - 17:00 ORT / Bordetella (Wojcinski)

Saturday Oct. 22

Grow-out diseases

08:00 - 09:15 Hemorrhagic enteritis (Clark)
09:15 - 10:15 Roundworms (Gonder)
10:15 - 10:35 Coffee break
10:35 - 12:00 Necrotic enteritis (Clark)
12:00 - 13:30 Lunch
13:30 - 15:30 Tibial dyschondroplasia, osteomyelitis, angular leg diformities, scoliosis, fractures, tendon avulsions (Clark, Gonder)
15:30 - 15:45 Coffee break
15:45 - 16:45 Water and water quality (lab) (Wojcinski)
16:45 - 17:00 Closing and certificate of attendance

RG, modified (2) June 12nd, 2016