



DRV/PUB-801/2017-18/63

CORE LABORATORY- I
ADVANCED ANIMAL DISEASE DIAGNOSIS AND
MANAGEMENT CONSORTIUM (ADMaC)
COLLEGE OF VETERINARY SCIENCE
ASSAM AGRICULTURAL UNIVERSITY, KHANAPARA,



EXAMINATION OF HELMINTH EGGS & PROTOZOAN OOCYSTS USING FLOATATION SOLUTION

Take 2-3 gm of faecal sample in a clean mortar



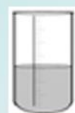
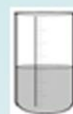
Add a little amount of tap water and gently triturate the mixture to make it uniform



Add 10-15 ml of floatation fluid & mix thoroughly with the faecal sample



Strain the suspension through a sieve in a clean floatation tube and allow standing undisturbed for 10-15 mins



With the help of a clean wire loop transfer a drop of suspension from the surface on to a clean microscope slide, put a cover slip over the drop and examine under low power of a compound microscope.

COMMON HELMINTHIC OVA DETECTED IN FAECAL EXAMINATION OF LIVESTOCK



Fig.1: Egg of *Strongyloides* spp.



Fig.2: Egg of *Paramphistomum* spp.



Fig.3: Egg of *Haemonchus contortus*

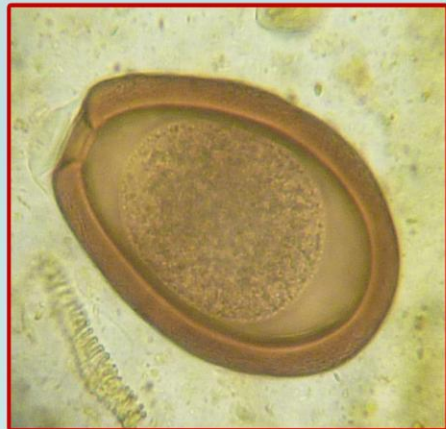


Fig.4: Oocyst of *Eimeria Zuernii*

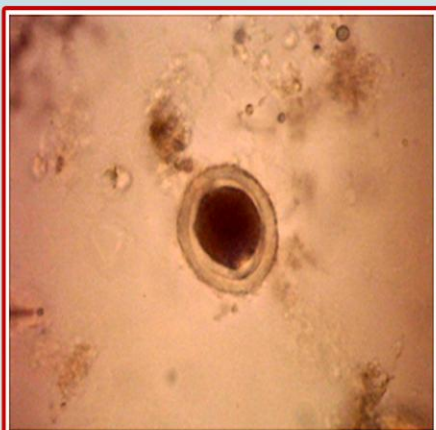


Fig.5: Egg of *Toxocara Vitulorum*

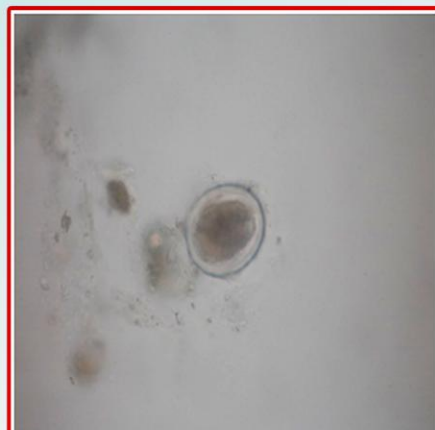


Fig.6: Egg of *Ascaris suum*

Acknowledgement

DBT-Funded Project “Advanced Animal Disease Diagnosis and Management Consortium (ADMaC)”
C.V.Sc, AAU, Khanapara, Guwahati-22, Assam.
Contact: 09435014705 / 09435558788; E mail: drskdas53@gmail.com / nnbarman@gmail.com