

UNIVERSITY OF NAIROBI

FACULTY OF VETERINARY MEDICINE

DEPARTMENT OF VETERINARY PATHOLOGY, MICROBIOLOGY & PARASITOLOGY

ACADEMIC TRIP FOR BVM IV TO NATIONAL TROUT FARM, KIGANJO

- a) **Summary:** The BVM IV class of 73 students were taken for an academic trip to the National Trout Hatchery in Kiganjo, Nyeri County on 30th March 2022. Members of staff involved in this trip included:-
- i) Prof. P.G. Mbutia
 - ii) Dr. R.M. Waruiru – Coordinator
 - iii) Dr. N.M. Kamuti
 - iv) Dr. H.N. Maingi
 - v) Ms. E.A. Keya
 - vi) Mr. E.M. Nyaga



Fig. 1: The Kabete fish team with Mr. Eric Opallo of National Trout Farm, Kiganjo

- b) **Trip objective:** The main objective of the trip was for the students to receive firsthand information on how to manage and control fish diseases in a commercial rainbow trout enterprise (production chain) in relation to the following:-
- i. Biosecurity in aquaculture
 - ii. On-farm production and use of feed and feed ingredients
 - iii. Brood trout stock farming
 - iv. Running an efficient trout hatchery in a cold area
 - v. Basics of efficient treatment of trout farm effluents
 - vi. Challenges of trout farming
 - vii. Prevention and control of trout diseases
 - viii. Fish products value addition.
- c) **Trip outcomes**
- i: Members of staff and students were given a detailed lecture on the above trip objective by the deputy manager, Mr. Eric Opallo

- ii. Staff members and students visited various areas of the farm including the feed production section, brooding stock, treatment of farm effluents, gutting slab and the cafeteria to taste the Kiganjo rainbow trout
- iii. The students were divided into small groups and opened healthy fish for organ identification and checking on potential lesions like swollen livers due to aflatoxicosis which was detected in the farm.



Fig. 2: Dr. Waruiru giving his opening remarks before Mr. Eric Opallo's lecture at the National Trout Farm, Kiganjo



Fig. 3: Prof. Mbutia giving his remarks before Mr. Eric Opallo's lecture at the National Trout Farm, Kiganjo



Fig. 4: Mr. Eric Opallo giving the geography of the National Trout Farm, Kiganjo



Fig. 5: Members of staff and students being taken through fish feed processing by Mr. Eric Opallo at National Trout Farm, Kiganjo



Fig. 6: Mr. Eric Opallo explaining brood trout stock farming in a concrete Pond at National Trout Farm, Kiganjo

Dr. R.M. Waruiru
Academic trip - coordinator