

Workshop-Training on Diagnosis and control of trypanosomes and their vectors in Carabao



Muñoz, Nueva Ecija, Philippines,
15-19 January 2018



Workshop schedule	Monday 15th January 2018	Tuesday 16th January 2018	Wednesday 17th January 2018	Thursday 18th January 2018	Friday 19th January 2018
8h00-8H30				Change the cages of traps (sub-group A)	removal of traps (all)
8H30-9h30	Welcome to open workshop	Serology ELISA : Blocking	PCR: preparation of reagents Master mixt, thermocycling	Biology of <i>Musca</i> and <i>Stomoxys</i> flies	Identification of biting insects practice
9H30-10H15	open workshop	Dilution of serum samples, transfer		Biology of haematophagous insects	
10H15-10H30	coffea break	coffea break	coffea break	coffea break	coffea break
10H30-11H30	open workshop	ELISA : washing, conjugate, incubation, washing, substrate	PCR: gel preparation and loading of samples, electrophoresis	Identification of haematophagous flies	Treatment options for trypanosomose control
11H30-12H30				Identification of <i>Musca</i> and <i>stomoxys</i> flies	Biting flies control
12H30-13H30	Lunch time	Lunch time	Lunch time	Lunch time	Lunch time
13H30-15H00	Parasitological diagnosis : HCT, blood smears, others	ELISA: reading and interpretation of results	PCR: reading, interpretation and discussion	Identification of Tabanids	General discussions on strategies for diagnosis and control of surra in buffaloes
15H00-15H15	coffea break	coffea break	coffea break	coffea break	coffea break
15H15-16H30	Molecular diagnosis of trypanosomes by PCR	Serological test: CATT practice	Interpretation of laboratory diagnosis: interest and limits	Identification of biting insects practice	Conclusions and evaluation
16h30-17h00	Serological diagnosis by CATT & ELISA	DNA sample preparation theory and Chelex preparation	Biting insects trapping technologies		Closing ceremony
17h00-17h30					
17H30-18H00	Serology ELISA : Coating		Set up of traps	Change the cages of traps (sub-group B)	