

# TRAINING REPORT FOR THE ECF TRAINING IN LAKE ZONE TANZANIA

## INTRODUCTION

The training program took place from 16<sup>th</sup> September, 2016 to 12<sup>nd</sup> October, 2016 with the intension of training 120 trainees from 30 districts and 6 regions surrounding Lake Victoria in Tanzania. The three day training involved 2 days of theoretical classes and a one day ECF vaccination practical's involving 40 animals.

We were able to train a total of 127 veterinary practitioners in 29 districts with the exception of Serengeti districts who failure to attend. Of these 116 were public staff and 11 were private veterinarians. 15 out of the 127 trainees were females.

All districts did the Knowledge, Attitudes and Practices (KAP) questioner 1 and 2 and they have been forwarded to ILRI for analysis and interpretations together with the Consent signed forms.

Passport photos of trainees had been forwarded to Dr Masuruli of Veterinary Council of Tanzania (VCT) for the preparation of Certificates and IDs.

Dr Michael Madege of Zonal Veterinary Investigation Centre (VIC) in Mwanza offered a valuable support in the organization and in the training. Other trainers who come include T. Nils, G. Bwana and Dr H. Kiara from ILRI together with Dr H. Tindih from GALVmed.

Training done mostly using the ECF Training Manual on Immunization against ECF for Veterinarians and Veterinary Paraprofessionals in Tanzania as prepared by VCT in the Ministry of Agriculture, Livestock and Fisheries. Each trainee was given a copy.

A total of 240 animals ( of various breed, ages and weight) were vaccinated during practical classes including 6 water buffalo calves at LITA Mabuki.

Training summary is as follows below:

Date, region	Training venues (T) Practical's (P)	Nr Trainees	Other participants	Trainers
16-17 Sept Mwanza	<i>Mabuki LITA (T &amp; P)</i>	20	2 LITA tutors, 1 Farm manager 4 private practitioners (2 Buswelu Vet. Ctr, 1 Pharmavacs, 1 Godfrey Katambi)	N,N, MM, GB, TN.
20-22 Sept Geita	Katoro Centre ( T) <i>Nnkezi village (P)</i>	20	-	N,N, MM, GB, HK
24-26 Sept Kagera	Muleba DC (T) <i>Igabiro MATI (P)</i>	20	RVO (regional secretariat) DVO (Muleba DC)	N,N, MM, HK
Shinyanga 28-30 Sept	RC hall (T) <i>Kahama mjini (P)</i>	20	-	N,N, MM,
3-5 Oct Simiyu	Maswa DC -T <i>Isulilo village - P</i>	20	-	N.N, M.M

6-8 Oct Mara	Girango Hotel – T. <i>UDAFCO Utegi – P</i>	16	1DALDO, 2 Private para vet	N.N, M.M
	TOTAL	116	11	

N.N Nderingo Ngowi, MM Michael Madege, GB Godfrey Bwana, T.N Teufil Nils, HK Henry Kiara

## TRAINEE DETAILS

The names of trainees including region, districts gender, work station, position and contacts is attached in a separate email.

## GENERAL OBSERVATIONS DURING TRAINING

During training we were able to note the following:

1. The training was very interactive, with many contribution from filed experiences
2. Trainees noted that ECF is a serious disease in their areas and all efforts should be made to fight it. Noted also that the dipping systems have collapsed due to a number problems and drugs to treat ECF are expensive.
3. Farmers and other stakeholders had asked for the vaccination services but epileptic supply of Liquid Nitrogen and logistic to get it from suppliers have hindered the availability in the districts.
4. Most of the trainees selected were public employee. Lake zone regions has few private veterinary practitioners and only 15 out of the 127 trained were females. This could be due to the government selection method we used to get the candidates.
5. Most of the trainee had not done ECF vaccination practically except very few like 1 in Mwanza, 1 Geita, 2 in Shinyanga, 3 in Ngara and 2 in Mara.
6. Noted that a few proportion of those trained could not get the business opportunity in ECF immunization. Hopefully they will join others later after seen the financial rewards of their colleagues
7. There are opportunities of using local radios and TV stations to pass information and create awareness in the respective districts. Mwanza: Radio Free Africa (RFA), StarTV, Sengerema 98.8 FM, Geita: Geita Cable TV, Storm FM, Kagera: Radio Karagwe, FADECO radio, Radio KWIZERA, RFA Shinyanga: Radio Kahama, RFA, Simiyu: radio SIBUKA and Mara: RFA.
8. Livestock keepers had shown interest in immunizing their cattle in the past years, the limiting factors were trained vaccinators, coordination of service, availability of vaccine and availability of Liquid nitrogen.
9. There are trained inseminators in many districts but had been forced to take semen straws to VIC Mwanza for preservation in liquid nitrogen containers.

## **THE WAY FORWARD**

It was agreed each stakeholder to play its role to ensure ECF vaccination takeoff.

### **A. VIC Mwanza:**

- Ensure a smooth supply of Liquid Nitrogen availability
- Get support from the Ministry that ECF vaccination is a Private good and shall be given at cost with farmers paying for service.

### **B: PHARMAVACS LTD**

- Work on the immediate availability of Vaccine package in Mwanza
- Order the vaccination gear such as cold chain LN containers, Ear tags, applicators and weigh bands
- Start work with what is available at Pharmavacs Ltd and in the districts
- Support for awareness and sensitization campaigns. Identify all radio stations especially those with KILIMO/UFUGAJI programs.
- Attend livestock keepers meetings as in Geita on the 1<sup>st</sup> of every month, planned farmer's group meetings in Muleba and Ngara.
- Identify private vets in Lake zone and involve them in the service

### **C: ILRI AND GALVmed**

- More support on awareness and sensitization especially in availability of leaflets, booklets and publicity materials.
- Identify suitable messages for radio and TV programs.

### **C: TRAINEES**

- Write a training report to District Executive Director and DVOs as starting point information to Council management Team (CMT), Finance and Full Council.
- Inform individuals and farmers groups on importance and availability of vaccine. Concentrate on early adopters, late adopters and letting laggards learn from the first two groups.
- Involve staff in the villages and wards who did not get the training opportunity to form vaccination teams
- Use of village and ward meetings, churches and mosques to sensate people to vaccinate their animals.
- Saw ECF vaccination as a source of extra income and in building trust with livestock keepers.
- Artificial inseminators to combine ECF and AI especially those in ranches and dairy farming areas.

TRAINING TABLE is as shown below.

**PHARMAVACS LIMITED**  
**Healthy Animals - Healthy People**  
 Veterinary Pharmaceuticals, Vaccines and Supply

P. O. Box 11056  
 Arusha, Tanzania  
 Seth Benjamin Road, Silk Club Building, 2<sup>nd</sup> Floor  
 Tel. +255755918506, +255784918504  
 Email: [pharmavacs.international@gmail.com](mailto:pharmavacs.international@gmail.com)  
 TIN NO: 125-648-606

**ECF Distributor Training Program.**

**Venue: ..... Dates: 15<sup>th</sup>September to 13<sup>rd</sup> October 2016**

**Day 1**

<b>Clock time &amp; Timing</b>	<b>Topic</b>	<b>Facilitator</b>
8.30-9.00am	Arrival/Registration	Dr. Nderingo Ngowi
9.00am-9.05am	Opening Prayer	Volunteer
9.05am-9.20 am	Welcome and Introduction of participants	Dr. Madege Michael
9.20am – 10.15am	KAP questioners	Godfrey/Nils
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10.15AM-10.30AM	<b>TEA BREAK</b>	
10.30am-11.00am	<b>Introduction of ECF up scaling program lake zone</b> - Why Lake zone - Objectives of the program <b>Activities and targets</b>	Dr. Nderingo Ngowi
11.00am-12.00am	<b>Over view of ECF diseases of cattle</b>	Dr. Nderingo Ngowi
12.00am 1.00pm	<b>Classical ECF presentation and management.</b> - The diseases - Clinical signs - Pathological signs - Diagnosis - Other laboratory diagnosis	Ngowi/Madege
1.00m-2.00PM	<b>LUNCH BREAK</b>	
2.00pm-3. 30pm	<b>Economic importance of ECF in Tanzania</b> - Cost of treatment, Death, Reproduction - Stunt growth, Production	Dr. Michael Madege
3.00-4.00pm	- <b>ECF immunisation using MUGUGA COCKTAIL</b> - Contents of MUGUGA Cocktail - Length of protection after vaccination - Adverse reactions after immunisation -	Dr. Nderingo Ngowi
4:00-5:00PM	<b>Cold chain management for proper ECF immunisation.</b> - Introduction to cold chain - Importance of cold chain maintenance	Dr. Nderingo Ngowi

	<ul style="list-style-type: none"> <li>- <b>How to monitor cold chain</b></li> <li>- <b>Supply and maintenance of liquid nitrogen</b></li> <li>- <b>Replenishment of liquid nitrogen</b></li> <li>- <b>How to acquire liquid nitrogen tanks</b></li> </ul>	
<b>Day 2</b>		
9.00-9.30am	<b>Recap of Day 1 ECF IMMUNIZATION VIDEO</b>	All
9.30am-10.30am	<p>How to organise effective ECF immunisation program.</p> <ul style="list-style-type: none"> <li>- Effective Awareness Creation at Community Level.</li> <li>- Effective Awareness creation at District level <ul style="list-style-type: none"> <li>a. Councillors</li> <li>b. Village leaders</li> </ul> </li> <li>- Effective Awareness creation using mass media <ul style="list-style-type: none"> <li>a. Radio</li> <li>b. TV</li> </ul> </li> </ul>	All
10.30am-11.00am	<b>TEA BREAK</b>	
11.00am-12.00noon	<p>How to set a proper and effective ECF vaccination team.</p> <ul style="list-style-type: none"> <li>- Composition of the team</li> <li>- Registration of animals and tags and collection of money.</li> <li>- How to reconstitute vaccine and storage</li> <li>- Duration of vaccination after reconstitution.</li> </ul>	All
12.00noon-1.00pm	<p>Monitoring and Evaluation of the vaccination exercise.</p> <ul style="list-style-type: none"> <li>- Monitoring for reactors and management.</li> <li>- Monitoring of all vaccinated animals for progress.</li> </ul> <p>Reporting to DVO and Pharmavacs Ltd to ILRI/GALVmed</p> <ul style="list-style-type: none"> <li>- Close monitoring of delivering agents</li> <li>- Receiving field reports from delivering agents</li> <li>- Monthly reporting to Pharmavacs Ltd and DVO.</li> </ul>	Dr. Nderingo Ngowi
1.00-2.00pm	<b>LUNCH BREAK</b>	
2.00pm-2.40pm	<p>INTRODUCTION TO BUSINESS TRAINING</p> <p>.</p>	Dr. Godfrey Bwana
2.40pm-3.40pm	<p>Management of Supply Chain</p> <ol style="list-style-type: none"> <li>1. Setting Targets for delivering agents/ distributors</li> <li>2. Support to delivering agents/ distributors</li> <li>3. Code of ethics of distributors</li> </ol>	Dr. Nderingo Ngowi
3.40-4.40pm	<p>Mode of operation</p> <ol style="list-style-type: none"> <li>1. Business relationship with Pharmavacs Ltd</li> <li>2. Working relationship with other delivering agents, DVOs, farmers.</li> </ol>	Dr. Nderingo Ngowi

4.40-5:30PM	KAP QUESTIONER 2	Bwana and Nils
5.30 -11.00PM	The way forward for each district.	all participants
7:30 to 10:30	<b>Third Day/ 3<sup>rd</sup> Day.</b>	
	<b>Recap / Practical session</b>	ALL
	<b>Tea break</b>	ALL.
	<b>Closing and departure</b>	ALL.

PARTICIPANTS sent as attachment.



