



# DLCO-EA QUARTERLY NEWSLETTER

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April – June, 2018

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Planned Activities of the of the project includes, Training of trainers, District and village meetings, Community focal persons training, Technical assistance and Monitoring at village, district, and zone levels, Introduction of mobile application technology, organizing field days, National workshop in Ethiopia, Kenya and Tanzania.

The USAID/FAO funded FAW Regional Project conducted Training of trainers, District and village meetings, Community focal persons training, Introduction of mobile phone application technology in Ethiopia, Kenya and Tanzania through DLCO-EA and project implementing countries.

### COMMUNITY BASED FALL ARMYWORM (FAW) MONITORING, EARLY WARNING AND MANAGEMENT SYSTEM IN EASTERN AFRICA

An ongoing USAID-funded FAO/DLCO-EA project is trying to stem the scorge of the Desert Locust and spare farmers the agony of Desert Locust outbreaks during the 2017/2018 season. Similarly, a USAID – funded DLCO-EA project (2012 – 2015) used community-based armyworm monitoring, forecasting and early warning as a tool for reducing the damage caused by the African armyworm to crops and pastures and thereby improve food security and livelihoods of rural communities in high risk districts of Ethiopia, Kenya and Tanzania.

Following severe outbreak of the Fall Armyworm in Southern Africa (Namibia, Malawi, Mozambique, Zambia and Zimbabwe) and Eastern Africa (Brundi, Rwanda, Tanzania, Kenya, Uganda and Ethiopia) an emergency response to the threat posed by the Fall Army Worm, FAO-SFE, DLCO-EA and CABI propose to use an innovative community-based monitoring, forecasting, early warning and response to prevent further spread and crop losses in the



Class room demonstration of pheromone traps



Coding of pheromone traps



Dr. Mathew Abang (right) hand over the pheromone traps to Seqacheors a District Head of Agriculture



Group photo of participants

The DLCO-EA Regional Management meeting was attended by nineteen (19) Professional Staff drawn from Headquarters (5), Nairobi (9) and Base Managers (5).

#### DIRECTOR'S VISIT TO TANZANIA

The Director, Dr. Stephen W. Njoka, visited Tanzania and met the Minister for Agriculture Hon Eng. Charles Tizeba at his office in Dodoma on Friday 29<sup>th</sup> June, 2018.

Besides the courtesy visit and familiarization, the Director briefed the Minister on inter alia

- The Organizational Structure of DLCO-EA.
- The critical importance of the Organization in enhancing Food Security in the Region.
- The ongoing *Quelea quelea* aerial control operations in Tanzania.
- Financial status of the Organization and Tanzania's very commendable support.
- The Scheduling of the 63<sup>rd</sup> Council and Executive Sessions in Kenya from September 17 - 21, 2018.
- Besides, he also held discussions with the Plant Health Services Directorate led by the Ag. Assistant Director Mr. Martin Katua.



Field demonstration of pheromone traps (Assembling, disassembling and installation) at Gimbo district

#### REGIONAL MANAGEMENT MEETING

On request by DLCO-EA Management, the Council of Ministers approved the DLCO-EA Regional Staff meeting to plan, discuss and resolve several important issues pertaining to the routine running of the Organization.

The meeting was held In Nakuru, Kenya from 14<sup>th</sup> – 17<sup>th</sup> May, 2018.



Hon Eng. Charles Tizeba the Tanzanian Minister for Agriculture (right) receives a book from DLCO-EA Director Dr. Stephen W. Njoka

## DESERT LOCUST RISK MAPS

The locust risk map shows calm situation from April to June 2018.

FAO DLIS Desert Locust situation update 4 July, 2018



**Situation Calm**

## MIGRATORY PEST SITUATION APRIL – JUNE, 2018

### DESERT LOCUST

The Desert Locust situation remained calm during April to June, 2018 in all frontline countries except low numbers of solitarious adults were present in a few places in Sudan and Yemen.

#### Facts:

A locust swarm can be small (< a half a hectare) or huge (more than 1000 km<sup>2</sup>). There could be 50-80 million locusts per km<sup>2</sup>.

An adult locust eats an amount approximately its own weight per day i.e. 2g.

A swarm size of just a km<sup>2</sup> devours 100-160 tons of vegetation (crops & pastures) per day.

A swarm travels on average 250-300 km per day while hoppers travel about 1.5 km a day.

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(Under suitable conditions, they could have 2-3 generations per year and multiply 16-20 times per generations.

(Symmons & Cressman, 1994, 2001)

### GRAIN EATING BIRDS (*Quelea quelea*)

In Tanzania apart from seven regions reported in March with extra ordinary *Quelea* outbreaks, further outbreaks are reported in Mbeya and Iringa regions in Southern highlands where paddy, sorghum and millet crops have been destroyed. In Manyara region in Northern Tanzania, wheat, paddy and barley in large plantations of this region were invaded by big flocks of birds. This makes total of regions affected to be 10.

During May and June, *Quelea* birds control operations continued in Dodoma and Morogoro regions where eight roosting/colony sites were sprayed by a DLCO-EA aircraft. During the operations, an estimated of 15.5 million *Quelea* birds, which were feeding on Sorghum and Millet were successfully controlled using 500 liters of Bathion 60%.

Reports of 7 roosts which were threatening Rice crops were also received from Mbeya region, in the southern highlands.

#### Facts:

Quelea quelea birds can travel ~100 km/day looking for food.

An adult Quelea bird can consume 3-5 g of grain and perhaps destroy the same amount each day.

A colony composed of a million birds (very common) is capable of consuming and destroying 7-10 tons of seeds/day (enough to feed 15,000- 20,000 People for a day).

#### African Armyworm

During April to June, 2018 no outbreaks were reported in the Member Countries.

#### BEREAVEMENT

The Staff of DLCO-EA learnt with deep sorrow and shock of the death of the DLCO-EA former Director Dr. Abdelmoniem Mohamed Karrar who served the Organization as Director for 7 years from 1/8/1992 - 30/9/1999.



May God grant his Family Peace and Mercy as they bear the dear loss of Dr. A. M. H. Karar.  
May he RIP.

DLCO-EA AIRCRAFT SITREP AS AT 30<sup>TH</sup> JUNE 2018

A/C REG.	5Y-BCJ Beaver	5Y-BCK Beaver	5Y-BCL Beaver	5Y-KRD Beaver	5Y-DLA Caravan	5Y-DLO Baron	5Y-BBB Islander	5Y-DLD Turbo Beaver
C OF A DUE DATE	17/6/2019	31/01/2019	10/10/2018	IN PROGRESS	28/02/2019	12/02/2019	DUE	20/6/2019
CHECK III	13/05/2020	16/12/2018	01/7/2018	IN PROGRESS	N/A	27/06/2019	DUE	4/7/2021
PROP. 5 YR O/H	EMA 1253 28/3/2019	EMA 1254 04/10/2018	EMA 1281 18/03/2023	IN PROGRESS	28/5/2019	05/05/2019 P 01/07/2020 S	DUE	29/8/2022
A/F TSN HRS	9139.39	10,172.81	8696.50	00:00	17,875.7	5200.07	3174:15	13,365.58
ENGINE S/NO. & TSN (S) HRS	P-226291  6830.35 536.90 (TSO)	P-226468  9613.5 509.66 (TSO)	17313  8802.31 8.09 (TSO)	00:00	PC-1717  1861.40	831861R 831862 R PORT: 1786.99 STBD: 1786.99	RL-23500-R RL-10488R PORT: 2370:45 STBD: 2370:45	PCE-14089  4086.10 481.35(TSO)
TSN PROP. HRS	1044.73	938.50	8.09	00:00	5651.5	PORT: 1381.17 STBD: 1312.99	PORT:216:00 STBD:216:00	451.08
LOCATION	STANDBY NAIROBI	QUELEA TANZANIA	STANDBY NAIROBI	UNDER ACCIDENT REPAIR	CHARTER NAIROBI	STANDBY NAIROBI	MAINTENANCE NAIROBI	STANDBY NAIROBI

NB

-  IMMEDIATE ATTENTION
-  TO BE NOTED
-  TIME SINCE OVERHAUL

Address: Director  
CA  
OC & CP  
Technical Records  
Aircraft Stores

Checked by:- CHIEF ENGINEER



UPCOMING EVENTS:

- National Training Course on Desert Locust Survey and Control Khartoum, Sudan 25<sup>th</sup> - 30<sup>th</sup> July, 2018.
- National Training Course on Desert Locust Survey and Control Keren, Eritrea 13<sup>th</sup> - 18<sup>th</sup> August, 2018.
- The 63<sup>rd</sup> DLCO-EA Regular Sessions of the Council of Ministers and the Executive Committee Members of DLCO-EA are planned to be held in Naivasha, Kenya in September, 2018.

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