

**DESERT LOCUST BULLETIN: NO:12-18 (December, 2018)**

**MINISTRY OF AGRICULTURE  
MIGRATORY PESTS AND DESERT LOCUST UNIT  
DATE ISSUED 03 JANUARY, 2019**

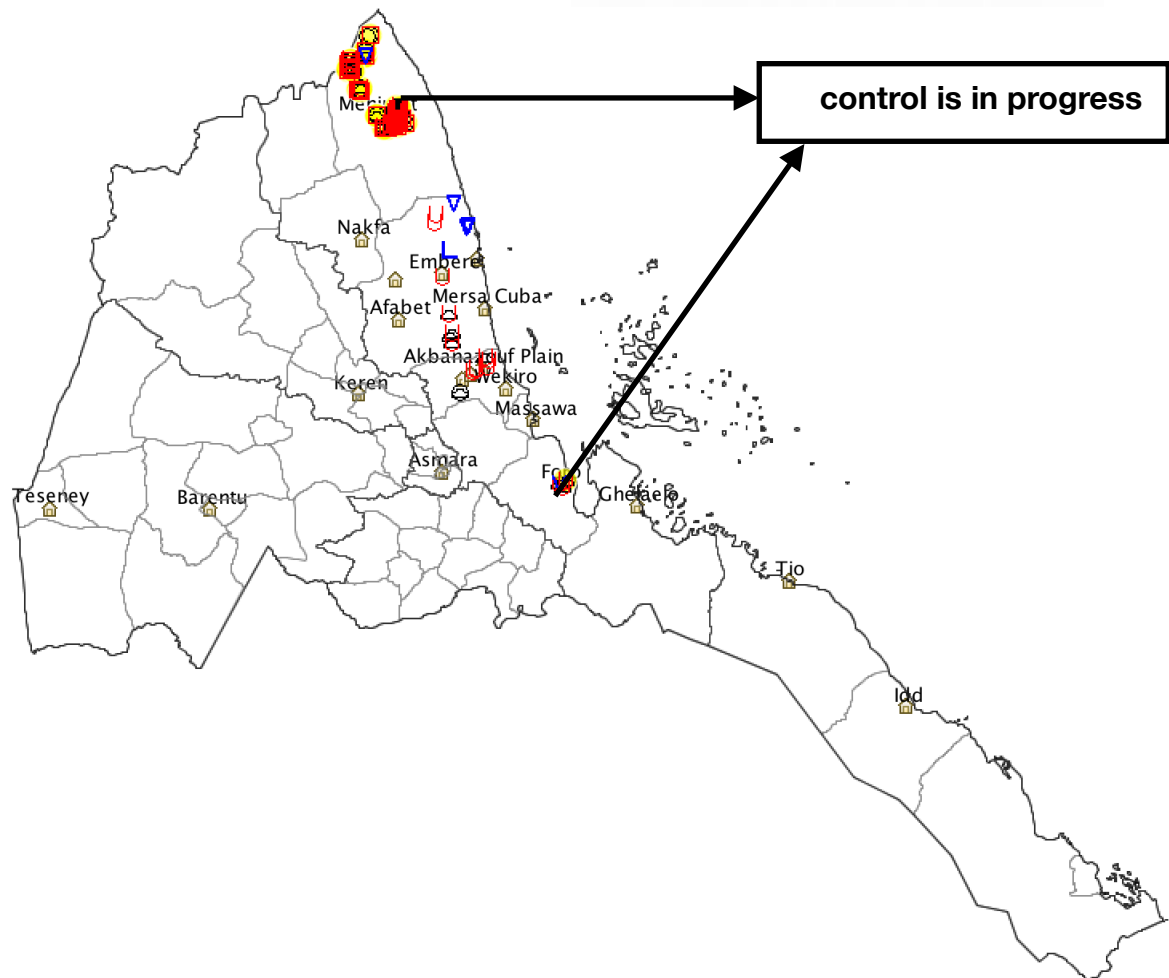


Behaviour SGR '01/12/201

- ☒ Breeding groups
- ☒ Immature groups
- ☒ Breeding low densi
- ☒ Maturing/mature l
- ☒ Immature low dens
- ☒ Hopper groups
- ☒ Hoppers low/unkn
- ☒ Control
- ☒ No locusts

Working System

- ☒ Country boundary
- ☒ Country boundary
- ☒ Country boundary
- ☒ Towns for Eritrea



**Map.1. Map showing areas of Desert Locust infestation and where control operation was carried out during December, 2018.**

## *SITUATION DURING DECEMBER 2018 AND FORECAST FOR JANUARY, 2019*

Serious Desert Locust outbreak was reported in the country in December. Survey and control operations is in progress. Control was carried out against all stages of gregarious hoppers and gregarious adults in the Norther Red Sea coast around Karura and Mehimet and also in the southern Red Sea coast of the country around Foro. A total area of 7,235 **ha** was treated by ground control operation. Group of mature Desert Locust were also arrived to Eritrea from Sudan during late December.

Most of the vegetation was medium to dense green. Soil moisture was wet in most areas. Second generation of Locusts is expected in the forecast period . Maintaining regular monitoring is essential during the season.

## *WEATHER AND ECOLOGICAL CONDITIONS*

Most of the vegetation status was medium to dense green. Soil moisture was wet in most areas .

## *DESERT LOCUST SITUATION*

Control was carried out against 2<sup>nd</sup> ,3<sup>rd</sup> ,4<sup>th</sup> , 5<sup>th</sup> and fledgling gregarious hoppers and gregarious immature and mature adults in the Norther Red Sea coast around Karura and Mehimet and also in the southern Red Sea coast of the country around Foro. A total area of 7,235 **ha** was treated by ground control operation. Group of mature Locust were arrived to Eritrea (kujeli) from Sudan during late December.

Second generation of Locusts is expected in the forecast period as copulating and egg laying gregarious adults were recorded in the survey results.

## AVAILABLE RESOURCES

### 1. Vehicles

- Pickup land cruiser———9

### 2. Sprayers

- Vehicle mounted sprayer Ulva Mast——— 07
- Vehicle mounted sprayer Micron air——— 05
- Motorized knapsack sprayers ———— 50
- Hand held ULV————— 91
- Micron air AU 8000 back pack  
ULV sprayer—————08

### 3. Pesticides

- Fenitrothion 96% ULV ————41,125 Liters
- Malathion 96% ULV—————19,300 Liters

### 1. Others

- Electrical (12V) pesticide loading pumps  
—12(4 of them damaged)
- e-locust3—————14( 1 of them damaged)
- GPS—————20
- Desktop Computer—————2
- Laptop computers—————2
- Master training Kits—————2

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