

Republic of Somaliland  
Ministry of Agriculture  
Plant Protection /Locust Unit

Jamhuriyadda Somaliland  
Wasaaradda Beeraha  
Qaybta badbaadada  
Siiba laanta ayaxa

Monthly Desert Locust Bulletin

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## **INTRRODUCTION**

As we were expected there was a lot of hatched hoppers at coastal plains in the early days of May 2009.

Maroodi-Jeh, Sahil and Togdher one survey was carried out on 15-17/5/2009 by the Empres Link person and DLCO-EA care taker on coastal and sub-coastal areas .

## **Locust Situation**

The DL survey carried on 15-17 /4/09 on the plateau north west of hargeisa and the sub coastal plains that lies north west of Gargara had been found 1700 ha of hoppers at the stages 2,3 , 4 ,5 instars and fledgling at locations of :-  
1) warqadhigt 101040N/433719E found 1 ha of hoppers of 2,3 instars .wayway 101252N/433841E 2 ha of hoppers 2,3 instars .Gobdhere 101536N/433814E 3 ha of hoppers at the stages of 3 instars .Qudhanjale101405N/434020E30ha of hoppers at stages of 4 instars . Il-hagar 101526N/434243E 6 ha of hoppers at the stages of 4 instars . Milo 102249N/434759E found 70 ha of hoppers at the stages of 4,5, and f stages . Fahiye harushe 102329N/434734 E found 500 ha of hoppers 5and F instars. Osoli 102451N/434548 100ha of hoppers 5instar and F . Osoli2 102549N/434403E was found 400 ha of hoppers at the stages of 4instar and F.dawaley102728N/434101E was found 600 ha of hoppers at the stages of 5instar and Fledglings .

## **Aerial Control Operation**

On22/5/2009 The DLCO air craft has treated 30kg of Metarihziium ( green muscle) diluted with 570 liters of diesel at the rate of 1lt/ha on 30 bands of 4<sup>th</sup> and 5<sup>th</sup> instars at the locality of 094500n/442000E. the average of one band was 20 ha which is large and covered 600 ha .

On 23/05/09 also control operation was conductedat lafrug ( 101048N/444719E

## **Hordhac**

Sidii horeba loo filayey waxaa dilaacey mar labaad Ayax aad u farao badan bishii May kana dilaacey dhinaca xeebaha Awdal,Silil, Maroodi-jeeh, Sahil iyo Togdheer dhinaca xeebaha iyo meelaha xeebaha ka sareeya.

## **Xaalada Ayaxa**

Bisha May 15-17/09 waxaa sahama kala sameyey Empres Link Person iyo DLCO-EA care taker ee Hargeisa safaradaas oo laga sameyey dhinaca xeebaha Awdal iyo Silil , Garbo-dadar, Gargaara ilaa Osali iyo meelahaas hareerahooda. Meelaha la sahamiyey waxaa laga helay Ayax aad u farao badan oo ku jira marxalada 5naad iyo ta 6xaad ee dilaac iyo duulitaanba waxaanu ku fadhiyey dhul gaadhaya 1700hektor meelaha laga helay

**Waraqa-dhigta(101040N/433719E)**

**Way-Way(101252N/433841E)**

**Gob-dheere(101536N/433814E)**

**Osali(1024514N/434548E)**

Oo isku wareega waxaa kaloo dhinaca iyo ku sii jeedka xeebaha ka dilaacey Ayax aad u faro badan oo marxaladiisu aheyd 5naad iyo 6lixaad heerka duulitaanka sida Abdaal, Xamaas, Lafrug iyo Dara-Godleh dhulkaas oo laga helay Ayaxaan kor ku soo shegna

## **Kantarolka dhinaca circa**

Sidaa darted waxaa la sameyey kaantrol dhinaca hawada ah waxaa laga buufiyey Ayax dhinaca bariga Hargeisa iyo dhinaca xeebaha ku sii jeeda ,laguna buufiyey 30kg oo ah Bio-pesticide meteharzum lagu qasey 570lt oo nafto ah.Waxaa kaloo laga buufiyey Ayax dhinaca Bari ee Hargeisa marxaladii tahey 5naad iyo 6xaad 150 hektor laguna buufiyey kiimikalka loo yaqaan malthion (1ha 1 liter). Waxaa kale oo la buufiyey Ayax ku fadhiyey dhul gadhaya

and Dargodle(101115N/445230E).during the operation .20medium density hopper bands of 4<sup>th</sup> 5<sup>th</sup> instars having an average of 15 ha and covering 200ha and 100 ha respectively were controlled using 300 lers of Dursband24% ULV .

On 25<sup>th</sup> at Osoli (102730n/434234E) 10 medium density hopper bands of 5<sup>th</sup> instar , having an average size of 20 ha and covering about 200 ha were controlled . During the operation 200 liters of Malthion96%ULV was sprayed .

### **Vegetations**

Although the rain locally know (Gu) has been prolonged especially in the Eastern regions, the western regions Maroodi-Jeeh and Awdal has been received moderate rains. So the vegetation is green, and eastern regions recently rains started.

### **Soil Moisture**

Soil moisture in the plateaue and the Golis range mountains in the north of Hargeisa is wet due to light to moderate rains that has recently fallen over .But in the eastern regions and the interior parts of the country remained dry .

### **Forecasting.**

We hopefully expecting that immature swarms will fly to south west and possible will cross the border and will invade to Ethiopea . be fore the mansoon wind start south westerly .

### **The roll of the ministry of agriculture**

It is a good achieving that the ministry of Agriculture that has been contributed to the control operation by providing two vehicle to facilitate the control activities such as carrying equipments pesticides from the ministry to theairport.by . And one for conducting survey to guide the pilot for locust operation.

200hektor laguna buufiyey kiimikalka loo yaqaano malthion 200 liter (1ha 1 liter).Meesha laga buufiyeyna waxaey aheyd meesha loo yaqaan Osali iyo hareeraheda. Hadaba inkasta oo dadaalkaas lagu guulaystey la sameyey hadana Ayaxii isma dhimin maxaa yelay markiisa hore ayuu xad dhaaf ahaa .

### **Dhirta Iyo Daaqa**

Inkasta oo ay raagen roobabkii dai jirey xiliga Guga gaar ahaan ay ka raagen gobolada Bari, gobolada Waqooyi/Galbeed Maroodi-Jeeh iyo Awdal waxaey heleen roobab meel dhexaad ah bisha May kuwaas oo ilaa hada D,aya sidaas darted dhirta iyo Daaqu waa Cagaar.

### **Qoyaanka Ciida**

Iyada oo ay dhawaan ka da,een roobab meeldhexad ahi gobolada Marodi-Jeeh, Awdal, Sahil, Togdheer iyo Sanaag ciidu waa qoyaan, roobabkuna ilaa hada way ka d,ayan gobolada Maroodi-Jeeh iyo Awdal. Waxaana dhawaan la filayaa bisha soo socta ee July aakhirkeeda in ay bilowdaan roobabka caadiyan loo yaqqno (Karan).gobolada Bari sida Sahil, Tog-dheer, Sool iyo Sanaag waxaa la filayaa iyagana in ay ka bilaabmato Deyrtu caadiyan sida ilaahey looga bartey bisha September

### **Saadaalin**

aakhirkeeda.Sidaas darted hadii Ayaxu meelahan uu hada ku sugan yahey sii jogo kuna qaan gadho waxaa la filayaa Dilaacisii 3xaad oo aad iyo aad xad dhaaf u ah markaa waxaa loo bahan yahey in hada Sahamo badan lagu sameyo si loo ogaado xaaladiisa hadhowna wax looga qaban karo.

### **Waxqabadkii Wasaarada Beeraha**

Mudadii lagu jirey u diyaar garowga wax ka qabaska Ayaxa iyo diyaar gareynta waxii wax lagaga qaban lahaa Wasarada beeruhu qeyb libaax

## Logistic.

- 1) 360 litres ULV of dursban 24%
- 2) 200 liters ULV Malthion 96 %
- 3) Bio pesticide 30Kg of Metarhizium
- 4) 2 vehicles from MOA that has contributed to control operation .

### **LIST OF DISTRIBUTION**

#### **Internally**

- The minister of agriculture
- Plant production and protection Dept
- Pest control office
- FAO Office Hargeisa
- DLCO-EA

#### **Externally**

- All Empres countries
- Fuad Bahakim
- ECLO
- Lidia
- FAO-Ken-Mary
- DLCO-EA Ethiopia
- Pantanius

Abdilahi Egeh Ismail  
FAO Empres Link person  
Hargeisa office  
And  
Mahamed Jama Dahir  
DLCO-EA care taker  
Hargeisa office

ayey ka qaadatey waxaeyna diyaar gareysey diyaar gareyntii sharciyadii keenista sumahii Ayaxa diyaaradii ka qeyb qaadatey buufinta Ayaxa iyo khubaradii sumaha iyo buufinta khibrada u lahaa .waxaey kaloo wasaradu sameysey borogaraamo Ayaxa lagula dagalamayo dadweynaha loo bahiyey sidii loola dagaalami lahaa dadkana loo bari lahaa iyada oo uga baahisey radyaha , Tiifiga iyo joornalada. Waxaey kaloo Wasaradu bixisey 2gaadhi oo ka qeyb qaatey kaanbaynkii la dagalanka Ayaxa iyada oo midna ka qeyb galey Sahamada midna la shaqeynayey diyaarada Ayaxa buufineysey isagoo u qaadayey shaqadaalaha sumaha isku dadrdaya iyo dhidaalada .Waxaa kale oo ay wasaradu bixisey guno dhiiri galin ah oo ay siisay shaqalihii sumaha isku laaqayey iyo madax dhaqameedyada tuuloyinka meelihii buufinta Ayaxu ka socotey si ay si ay dadka uga dhaadhiciyaan buufintas iyo ka digtoonaanteda in aaney wax yeelo u laheyn .

### **Logistics**

- 1) 360 liter oo dursban ULV 24%
- 2) 200 liters of malthion 96%
- 3) Bio pesticide 30 kg of Metarhizium
- 4) Labo gaadh oo ay wasaaraddu ka qaybab gashay la dagaalanka ayaxa .

### **Meelaha Loo Qeybinayo**

#### **Gudaha**

- Xafiisak Wasirka
- Qeybta badbaada iyo wax soo sarka
- Xafiiska Dulanka
- Xafiiska FAO ee hargaysa
- Xafiiska ladagaalanka ayaxa ee bariga Afrika

#### **Dibada**

- Dhamaan xafiisyada Empres

	<ul style="list-style-type: none"><li>○ Fuad M. Bahakim</li><li>○ ECLO</li><li>○ Lidia</li><li>○ Peter , DLCO-EA</li><li>○ Pantanious</li></ul>
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