

**Locust Control Capacity Info Sheet**

**COUNTRY:** **ETHIOPIA**

**I. LOCUST CONTROL SERVICE:**

**HQ: City:** ADDIS ABABA

**Official Title of the Locust Control Unit:** MIGRATORY PESTS SURVEY AND CONTROL UNIT

**Official Name of the Ministry:** MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT

**Human resources:** (number of Officers involved in locust control activities)

<b>HQ:</b>	Senior Officer (Manager):	1
	Locust Control Officers:	0
	Information Officers:	-
	Plant Protection Technicians:	-
	Master Trainers:	-
	Assistant staff:	0
	Scouts:	-
	Drivers:	0
	<b>Others:</b>	

**Financial resources:**

Annual budget for locust operation (in USD): 10,000

**Other Equipment:**

Fixed HF radio transceivers:	1
Mobile HF radio transceivers:	2
Fax-machines:	0
eLocust systems:	2
Satellite receiver:	1
RAMSES data base:	yes
Protective clothes:	
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	yes
<b>Other staff:</b>	

**Equipment:**

Vehicles (4x4):	0
Trucks:	0
Vehicle mounted ULVA mast sprayers:	7
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	200
Motorized Knapsack sprayers:	3
<b>Other Spray equipment:</b>	
1.	
2.	
GPS hand set:	4
Compass:	6
Anemometer:	10
Maps (Sets):	1
Stop-watch:	10
Hand-lens:	8
Tachometer:	8

**Pesticides for locust control:**

<b>A: ULV Formulations *)</b>	in Litres
1. Ethiolathion 95%	6000
3. Ethiosulfan 25%	7800
4. Ethiothion 95%	3200
	5
	6
	7

<b>B: EC Formulations</b>	in Litres
1. Ethiolathion 50%	14 200
2. Ethiozinone 60%	5000
3. Ethiosulfan 35%	600
4. Chlorpyrifops 48%	200
5.	

<b>B: Dust Formulations</b>	in KG
1.	
2.	
3.	
4.	
5.	

**\*) Put concentration in %**

**Any further important information:**

During locust outbreaks, ministry's prsonnel are involved and resources are mobilized for the locust control operations. NGOs and other ministries participate in the campaign. Some of the rersources indicated above (such as vehicles) are resources controlled by the pool system in the ministry but can be available for Desert locust activities when necessary. The federal government provide financial support for regional governments in order to carry out locust survey and control activities, especially during periods of locust outbreaks. Fore instance, in the whole of 2007 it provided more than 90 000 USD for regional beauros for supporting locust survey and control activities.

**II. Field Stations:**

The Field Stations (Outstations) are they under direct supervision of the Locust Control Service? Yes  No

**Questionnaire  
Capacities of the LCU**

**If NO: Which is the supervising authority? Please quote the official name.**

*Agricultural Bureaus of Regional States (Mainly the Crop Protection Departments).*

**Locust Control Capacity Info Sheet**

**II. Substation:**

City: Mekele

Province/State: Tgray regional State

**Human resources:** (number of Officers involved in locust control activities)

Station Manager):	1
Locust Officers:	2
Plant Protection Technicians:	
Trainers:	
Assistant staff:	1
Scouts:	
Drivers:	
<b>Other staff:</b>	

**Equipment:**

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	90
Motorized Knapsack sprayers:	3
<b>Other Spray equipment:</b>	
GPS hand set:	1
Compass:	1
Anemometer:	1
Maps (Sets):	1
Stop-watch:	1
Hand-lens:	1
Tachometer:	1

**Other Equipment:**

Fixed HF radio transceivers:	
Mobile HF radio transceivers:	
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	35
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
<b>Others:</b>	

**Pesticides for locust control:**

<b>A: ULV Formulations *)</b>		in Litres
1. Fenitrothion 95%	200	
2. Malathion 95%	800	
<b>B: EC Formulations</b>		in Litres
1. Malathion 50%	1000	
2. Reldon 22.5%	200	
3. Chlorpyrifos 48 %	1200	
4.		
5.		
<b>B: Dust Formulations</b>		in KG
1.		
2.		
3.		
4.		
5.		

\*) Put concentration in %

**Any further important information for this station:**

Locust survey and control activities are integrated with other crop protection activities.

**Questionnaire  
Capacities of the LCU**

**Locust Control Capacity Info Sheet**

**II. Substation:**

City: Jijiga

Province/State: Somale regional state

**Human resources:** (number of Officers involved in locust control activities)

Station Manager):	1
Locust Officers:	2
Plant Protection Technicians:	
Trainers:	
Assistant staff:	
Scouts:	15
Drivers:	
<b>Other staff:</b>	

**Equipment:**

Vehicles (4x4):	1
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	50
Motorized Knapsack sprayers:	3
<b>Other Spray equipment:</b>	
GPS hand set:	1
Compass:	1
Anemometer:	1
Maps (Sets):	
Stop-watch:	1
Hand-lens:	1
Tachometer:	1

**Pesticides for locust control:**

<b>A: ULV Formulations *)</b>		in Litres
1. Chloropyrifos 24%	600	
2. Fenitrothion 96%	100	
3. Fenitrothion 95%	400	
4.		
5.		
6.		
7.		
<b>B: EC Formulations</b>		in Litres
1. Carbosulfan 25%	200	
2. Diazinone 60%	1000	
3.		
4.		
5.		
<b>B: Dust Formulations</b>		in KG
1.		
2.		
3.		
4.		
5.		
*) Put concentration in %		

**Other Equipment:**

Fixed HF radio transceivers:	
Mobile HF radio transceivers:	
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	25
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
<b>Others:</b>	

**Any further important information for this station:**

There is no independent locust survey and control section but locust operation is integrated with other pest control works. The resources and trained manpower are also shared with other Crop Protection activities. There is one trained locust control officer and a few other experts in the districts who have been trained in national locust training programmes.

**Questionnaire  
Capacities of the LCU**

**Locust Control Capacity Info Sheet**

**II. Substation:**

City: Dire Dawa

Province/State: Dire Dawa

**Human resources:** (number of Officers involved in locust control activities)

Station Manager:	
Locust Officers:	
Plant Protection Technicians:	2
Trainers:	
Assistant staff:	
Scouts:	2
Drivers:	
<b>Other staff:</b>	

**Equipment:**

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	1
Hand-held ULV sprayers:	35
Motorized Knapsack sprayers:	2
<b>Other Spray equipment:</b>	
GPS hand set:	1
Compass:	
Anemometer:	
Maps (Sets):	
Stop-watch:	
Hand-lens:	
Tachometer:	

**Other Equipment:**

Fixed HF radio transceivers:	
Mobile HF radio transceivers:	
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	10
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
<b>Others:</b>	

**Pesticides for locust control:**

<b>A: ULV Formulations *)</b>		in Litres
1. Malathion 95%		100
2. Chlorpyrifos 24%		1000
3. Fenitrothion 95%		200
4.		
5.		
6.		
7.		
<b>B: EC Formulations</b>		in Litres
1. Fenitrothion 50%		400
2. Malathion 50%		600
3.		
4.		
5.		
<b>B: Dust Formulations</b>		in KG
1.		
2.		
3.		
4.		
5.		
*) Put concentration in %		

**Any further important information for this station:**

There is no independent locust unit. It shares resources including manpower with other sections under Crop Protection.

**Locust Control Capacity Info Sheet**

**II. Substation:**

City: Harar

Province/State: Harari Region

**Human resources:** (number of Officers involved in locust control activities)

Station Manager):	1
Locust Officers:	2
Plant Protection Technicians:	1
Trainers:	1
Assistant staff:	1
Scouts:	1
Drivers:	1
<b>Other staff:</b>	

**Equipment:**

Vehicles (4x4):	1
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	1
Hand-held ULV sprayers:	10
Motorized Knapsack sprayers:	1
<b>Other Spray equipment:</b>	
GPS hand set:	1
Compass:	1
Anemometer:	1
Maps (Sets):	
Stop-watch:	1
Hand-lens:	1
Tachometer:	1

**Other Equipment:**

Fixed HF radio transceivers:	
Mobile HF radio transceivers:	
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	5
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
<b>Others:</b>	

**Pesticides for locust control:**

<b>A: ULV Formulations *)</b>		in Litres
1. Chlorpyrifos 24%	200	
2. Fenitrothion 95%	400	
3.		
4.		
5.		
6.		
7.		
<b>B: EC Formulations</b>		in Litres
1. Malathion 50%	1100	
2. Chlorpyrifos 48%	200	
3. Endosulfan 35%	200	
4.		
5.		
<b>B: Dust Formulations</b>		in KG
1.		
2.		
3.		
4.		
5.		

\*) Put concentration in %

**Any further important information for this station:**

The locust activities share resources with all the activities of the Plant Health Clinic in Harar.

**Locust Control Capacity Info Sheet**

**II. Substation:**

City: Bahr Dar

Province/State: Amhara Regiona state

**Human resources:** (number of Officers involved in locust control activities)

Station Manager):	
Locust Officers:	
Plant Protection Technicians:	4
Trainers:	
Assistant staff:	3
Scouts:	
Drivers:	
<b>Other staff:</b>	

**Equipment:**

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	38
Motorized Knapsack sprayers:	2
<b>Other Spray equipment:</b>	
GPS hand set:	1
Compass:	1
Anemometer:	
Maps (Sets):	
Stop-watch:	
Hand-lens:	
Tachometer:	

**Other Equipment:**

Fixed HF radio transceivers:	
Mobile HF radio transceivers:	
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
<b>Others:</b>	

**Pesticides for locust control:**

<b>A: ULV Formulations *)</b>		in Litres
1. Chlorpyrifos 24%		100
2. Malathion 95%		800
3.		
4.		
5.		
6.		
7.		
<b>B: EC Formulations</b>		in Litres
1. Endosulfan 35%		1000
2. Malathion 50%		8000
3.		
4.		
5.		
<b>B: Dust Formulations</b>		in KG
1.		
2.		
3.		
4.		
5.		

**Any further important information for this station:**

There is no an independent locust control unit but locust activities are integrated with other pest control activities.