

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)

HQ:	Senior Officer (Manager):	1
	Locust Control Officers:	0
	Information Officers:	2
	Plant Protection Technicians:	-
	Master Trainers:	1
	Assistant staff:	0
	Scouts:	-
	Drivers:	0
	Others:	
		
		

Financial resources:

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

Other Equipment:

Fixed HF radio transceivers:	1
Mobile HF radio transceivers:	3
Fax-machines:	1
eLocust systems:	6
Satellite receiver:	2
RAMSES data base:	yes
Protective clothes:	50
Camping beds:	15
Tents:	15
Field Generators:	
Blood testing kits:	4
Field lap-top computers:	1
Digital Cameras:	10
Other staff:	
	
	

Equipment:

Vehicles (4x4):	2
Trucks:	0
Vehicle mounted ULVA mast sprayers:	6
Vehicle mounted Micronair sprayers:	1
Hand-held ULV sprayers:	150
Motorized Knapsack sprayers:	5
Other Spray equipment:	
1. AU 8000 mistblower	28
2. 	
GPS hand set:	10
Compass:	6
Anemometer:	10
Maps (Sets):	1
Stop-watch:	10
Hand-lens:	8
Tachometer:	8

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Ethiolathion 95%	2500
3. Ethiotrathion 96%	2500
	
	
	
	

B: EC Formulations	in Litres
1. Ethiolathion 50%	15000
2. Ethiosulfan 35%	4000
	
	
	

B: Dust Formulations	in KG
	
	
	
	
	

*) 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 although the locust unit owns two Toyota Pickups.

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):	
Locust Officers:	1
Plant Protection Technicians:	
Trainers:	
Assistant staff:	1
Scouts:	
Drivers:	
Other staff:	
	
	

Equipment:

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	120
Motorized Knapsack sprayers:	4
Other Spray equipment:	
Au 8000 mistblower	2
	
GPS hand set:	4
Compass:	2
Anemometer:	2
Maps (Sets):	2
Stop-watch:	2
Hand-lens:	2
Tachometer:	2

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Fenitrothion 95%	200	
2. Malathion 95%	500	
		
		
		

B: EC Formulations		in Litres
1. Malathion 50%	450	
2. Reldon 22.5%	100	
		
		
		

B: Dust Formulations		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:	105
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	
	
	

Any further important information for this station:

Locust survey and control activities are integrated with other crop protection activities. The resource including manpower represent at Regional office level. Transportation during surveys and control operations are provided by the Bureau.

**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):	
Locust Officers:	1
Plant Protection Technicians:	2
Trainers:	
Assistant staff:	
Scouts:	16
Drivers:	
Other staff:	

Equipment:

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	56
Motorized Knapsack sprayers:	4
Other Spray equipment:	
AU 8000 mistblower	2
GPS hand set:	4
Compass:	2
Anemometer:	2
Maps (Sets):	
Stop-watch:	2
Hand-lens:	2
Tachometer:	2

Pesticides for locust control:

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

Other Equipment:

Fixed HF radio transceivers:	1
Mobile HF radio transceivers:	
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	75
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	

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. The resource including manpower represent at Regional office level. Transportation during surveys and control operations are provided by the Bureau.

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:	4
Plant Protection Technicians:	1
Trainers:	
Assistant staff:	
Scouts:	1
Drivers:	
Other staff:	

Equipment:

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	55
Motorized Knapsack sprayers:	3
Other Spray equipment:	
AU 8000 mistblower	2
GPS hand set:	2
Compass:	1
Anemometer:	1
Maps (Sets):	1
Stop-watch:	1
Hand-lens:	1
Tachometer:	1

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Malathion 95%		200
2. Chlorpyrifos 24%		200
	3	
4.		
5.		
6.		
7.		
B: EC Formulations		in Litres
1. Fenitrothion 50%		400
2. Malathion 50%		200
3.		
4.		
5.		
B: Dust Formulations		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:	65
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	

Any further important information for this station:

There is no independent locust unit. It shares resources including manpower with other sections under Crop Protection. The resource including manpower represent at Regional office level. Transportation during surveys and control operations are provided by the Bureau.

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):	2
Locust Officers:	2
Plant Protection Technicians:	
Trainers:	
Assistant staff:	1
Scouts:	
Drivers:	1
Other staff:	

Equipment:

Vehicles (4x4):	1
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	1
Hand-held ULV sprayers:	50
Motorized Knapsack sprayers:	1
Other Spray equipment:	
AU 8000 mistblower	2
GPS hand set:	3
Compass:	2
Anemometer:	2
Maps (Sets):	
Stop-watch:	2
Hand-lens:	2
Tachometer:	2

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Chlorpyrifos 24%		200
2.		
3.		
4.		
5.		
6.		
7.		
B: EC Formulations		in Litres
1. Malathion 50%		200
2. Chlorpyrifos 48%		100
3.		
4.		
5.		
B: Dust Formulations		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:	40
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	

Any further important information for this station:

The locust activities share resources with all the other activities of the Bureau of Agriculture and Rural Development. Transportation during surveys and control operations are provided by the Bureau.

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:	1
Plant Protection Technicians:	2
Trainers:	
Assistant staff:	1
Scouts:	
Drivers:	
Other staff:	

Equipment:

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	
Vehicle mounted Micronair sprayers:	3
Hand-held ULV sprayers:	85
Motorized Knapsack sprayers:	2
Other Spray equipment:	
AU 8000 mistblower	5
GPS hand set:	4
Compass:	1
Anemometer:	1
Maps (Sets):	1
Stop-watch:	
Hand-lens:	1
Tachometer:	1

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Chlorpyrifos 24%		
2. Malathion 95%	600	
3. Ethiolathion 95%	400	
4.		
5.		
6.		
7.		
B: EC Formulations		in Litres
1. Endosulfan 35%	1200	
2. Malathion 50%	6000	
3.		
4.		
5.		
B: Dust Formulations		in KG
1.		
2.		
3.		
4.		
5.		
*) Put concentration in %		

Other Equipment:

Fixed HF radio transceivers:	
Mobile HF radio transceivers:	1
Fax-machines:	
eLocust systems:	
Satellite receiver:	
Walky-talkies:	
Protective clothes:	50
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	

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. The resource including manpower represent at Regional office level in the Bureau of Agriculture and rural development. Transportation during surveys and control operations are provided by the Bureau.

Locust Control Capacity Info Sheet

II. Substation:

City: Semera

Province/State: Afar

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

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

Equipment:

Vehicles (4x4):	
Trucks:	
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	
Hand-held ULV sprayers:	35
Motorized Knapsack sprayers:	1
Other Spray equipment:	
AU 8000 mistblower	2
GPS hand set:	3
Compass:	2
Anemometer:	2
Maps (Sets):	2
Stop-watch:	2
Hand-lens:	2
Tachometer:	

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Ethiolathion 95%		800
2. Chlorpyrifos 24%		800
B: EC Formulations		in Litres
1. Malathion 50%		800
2. Chlorpyrifos 48%		800
	3	
4.		
5.		
B: Dust Formulations		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:	50
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	

Any further important information for this station:

The resource including manpower represent at Regional office level as there is no independent Locust unit. Transportation during surveys and control operations are provided by the Bureau.

**Questionnaire
Capacities of the LCU**

Locust Control Capacity Info Sheet

II. Substation:

City: Addis Ababa

Province/State: Oromiya Regional state

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

Station Manager):	2
Locust Officers:	3
Plant Protection Technicians:	
Trainers:	
Assistant staff:	
Scouts:	4
Drivers:	
Other staff:	

Equipment:

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

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Ethiosulfan		500
2.		
3.		
4.		
5.		
6.		
7.		
B: EC Formulations		in Litres
1. Malathion		3000
2. Diazinon		2570
3.		
4.		
5.		
B: Dust Formulations		in KG
1. Sevin wp		1324
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:	75
Camping beds:	
Tents:	
Field Generators:	
Blood testing kits:	
Field lap-top computers:	
Digital Cameras:	
Others:	

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. The resource including manpower represent at Regional office level in the Bureau of Agriculture and rural development. Transportation during surveys and control operations are provided by the Bureau.