

Locust Control Capacity Info Sheet

COUNTRY: Oman

I. LOCUST CONTROL SERVICE:

HQ: City: Muscat

Official Title of the Locust Control Unit: Locust Control Center

Official Name of the Ministry: Ministry of Agriculture

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

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

Financial resources:

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

Other Equipment:

| | |
|-------------------------------|-----|
| Fixed HF radio transceivers: | nil |
| Mobile HF radio transceivers: | nil |
| Fax-machines: | 1 |
| eLocust systems: | 5 |
| Satellite receiver: | nil |
| RAMSES data base: | 1 |
| Protective clothes: | 200 |
| Camping beds: | 15 |
| Tents: | 2 |
| Field Generators: | 2 |
| Blood testing kits: | nil |
| Field lap-top computers: | 2 |
| Digital Cameras: | 1 |
| Other staff: | |
| Data Show LCD | 1 |
| Thouraya sat phone | 2 |

Equipment:

| | |
|-------------------------------------|----|
| Vehicles (4x4): | 8 |
| Trucks: | 2 |
| Vehicle mounted ULVA mast sprayers: | 10 |
| Vehicle mounted Micronair sprayers: | |
| Hand-held ULV sprayers: | 25 |
| Motorized Knapsack sprayers: | 10 |
| Other Spray equipment: | |
| 1. | |
| 2. | |
| GPS hand set: | 20 |
| Compass: | 15 |
| Anemometer: | 3 |
| Maps (Sets): | 2 |
| Stop-watch: | 2 |
| Hand-lens: | 10 |
| Tachometer: | 2 |

Pesticides for locust control:

| | | |
|-------------------------------|---|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. Deltamethrin 12.5% ULV | | 10000 |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | 1 | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. Nil | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| *) Put concentration in % | | |

Any further important information:

The system in Oman for the Locust Survey and Control; We have in different regions many Agriculture Development Center (ADC) under a Directorate General (DG) of the region which each ADC have one Plant Protection Technician and in each DG in the region have one Locust Survey & Control Officer who is incharge also for the Information, all these staff are working in addition of their duties of plant protection to survey locust hence an outbreak situation appear. All the region can provide all these staff who are working in the plant protection to be under the Locust Control Centre which is under the Directorate General of Agriculture of the Ministry of Agriculture to protect the regions or the country with all the necessary equipments and vehicles from any infestation or plagues of locust.

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.

The Agriculture Development Centers (ADC) which is under the Directorate General of each Region

Locust Control Capacity Info Sheet

II. Substation:

City: Ibra

Province/State: Directorate General of Agriculture and Animal

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

| | |
|-------------------------------|---|
| Station Manager: | 7 |
| Locust Officers: | 1 |
| Plant Protection Technicians: | 7 |
| Trainers: | 1 |
| Assistant staff: | |
| Scouts: | 0 |
| Drivers: | 7 |
| Other staff: | |
| | |
| | |

Equipment:

| | |
|-------------------------------------|---|
| Vehicles (4x4): | 7 |
| Trucks: | 1 |
| Vehicle mounted ULVA mast sprayers: | 0 |
| Vehicle mounted Micronair sprayers: | 0 |
| Hand-held ULV sprayers: | 0 |
| Motorized Knapsack sprayers: | 4 |
| Other Spray equipment: | |
| | |
| | |
| GPS hand set: | 9 |
| Compass: | 1 |
| Anemometer: | 1 |
| Maps (Sets): | 1 |
| Stop-watch: | 0 |
| Hand-lens: | 9 |
| Tachometer: | 0 |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per ADC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 15 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 6 |
| Others: | |
| | |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

Any further important information for this station:

Note:
 Station manger: Head of Agriculture Developments Center
 Locust officer: plant protection officer who's doing the locust job in head quarter in the directorate (region).
 Plant protection technician: doing same job as a locust officer
 Trainees: plan protection officer, those who's get training in locust survey and control. 2.
 Each ADC has 2 vehicles 4x4 at least, ones can be prepared to be used in locust control. 3.High Pression Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have an outbreak situation in the cultivated

Locust Control Capacity Info Sheet

II. Substation:

City: **Sohar**

Province/State: **Directorate General of Agriculture and Animal**

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

| | |
|-------------------------------|----|
| Station Manager: | 9 |
| Locust Officers: | 1 |
| Plant Protection Technicians: | 9 |
| Trainers: | 1 |
| Assistant staff: | |
| Scouts: | 0 |
| Drivers: | 10 |
| Other staff: | |
| | |
| | |

Equipment:

| | |
|-------------------------------------|----|
| Vehicles (4x4): | 9 |
| Trucks: | 1 |
| Vehicle mounted ULVA mast sprayers: | 1 |
| Vehicle mounted Micronair sprayers: | 3 |
| Hand-held ULV sprayers: | 10 |
| Motorized Knapsack sprayers: | 7 |
| Other Spray equipment: | |
| | |
| | |
| GPS hand set: | 9 |
| Compass: | 5 |
| Anemometer: | 1 |
| Maps (Sets): | 0 |
| Stop-watch: | |
| Hand-lens: | 9 |
| Tachometer: | |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per ADC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 25 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 6 |
| Others: | |
| Data Show LCD | 1 |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

Any further important information for this station:

Note:
 Station manger: Head of Agriculture Developments Center
 Locust officer: plant protection officer who's doing the locust job in head quarter in the directorate (region).
 Plant protection technician: doing same job as a locust officer
 Trainees: plan protection officer, those who's get training in locust survey and control. 2.
 Each ADC has 2 vehicles 4x4 at least, one can be prepared to be used in locust control. 3.High Pression Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have an outbreak situation in the cultivated

Locust Control Capacity Info Sheet

II. Substation:

City: **Nizwa**

Province/State: **Directorate General of Agriculture & Animal Wealth**

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

| | |
|-------------------------------|----|
| Station Manager: | 9 |
| Locust Officers: | 1 |
| Plant Protection Technicians: | 9 |
| Trainers: | 1 |
| Assistant staff: | |
| Scouts: | 0 |
| Drivers: | 10 |
| Other staff: | |
| | |
| | |

Equipment:

| | |
|-------------------------------------|----|
| Vehicles (4x4): | 9 |
| Trucks: | 1 |
| Vehicle mounted ULVA mast sprayers: | 0 |
| Vehicle mounted Micronair sprayers: | 0 |
| Hand-held ULV sprayers: | 0 |
| Motorized Knapsack sprayers: | 4 |
| Other Spray equipment: | |
| | |
| | |
| GPS hand set: | 10 |
| Compass: | 5 |
| Anemometer: | 0 |
| Maps (Sets): | 1 |
| Stop-watch: | 0 |
| Hand-lens: | 10 |
| Tachometer: | 0 |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per ADC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 15 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 6 |
| Others: | |
| Data Show LCD | 1 |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

Any further important information for this station:

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 Station manger: Head of Agriculture Developments Center
 Locust officer: plant protection officer who's doing the locust job in head quarter in the directorate (region).
 Plant protection technician: doing same job as a locust officer
 Trainees: plan protection officer, those who's get training in locust survey and control. 2.
 Each ADC has 2 vehicles 4x4 at least, one can be prepared to be used in locust control. 3.High Pression Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have an outbreak situation in the cultivated

Locust Control Capacity Info Sheet

II. Substation:

City: Ibri

Province/State: Directorate General of Agriculture & Animal Wealth

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

| | |
|-------------------------------|---|
| Station Manager: | 7 |
| Locust Officers: | 1 |
| Plant Protection Technicians: | 7 |
| Trainers: | 1 |
| Assistant staff: | |
| Scouts: | 0 |
| Drivers: | 7 |
| Other staff: | |
| | |
| | |

Equipment:

| | |
|-------------------------------------|---|
| Vehicles (4x4): | 7 |
| Trucks: | 1 |
| Vehicle mounted ULVA mast sprayers: | 2 |
| Vehicle mounted Micronair sprayers: | 0 |
| Hand-held ULV sprayers: | 4 |
| Motorized Knapsack sprayers: | 0 |
| Other Spray equipment: | |
| | |
| | |
| GPS hand set: | 7 |
| Compass: | 4 |
| Anemometer: | 0 |
| Maps (Sets): | 1 |
| Stop-watch: | 0 |
| Hand-lens: | 7 |
| Tachometer: | 0 |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per ADC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 12 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 6 |
| Others: | |
| Data Show LCD | 1 |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| *) Put concentration in % | | |

Any further important information for this station:

Note:
 Station manger: Head of Agriculture Developments Center
 Locust officer: plant protection officer who's doing the locust job in head quarter in the directorate (region).
 Plant protection technician: doing same job as a locust officer
 Trainees: plan protection officer, those who's get training in locust survey and control. 2.
 Each ADC has 2 vehicles 4x4 at least, one can be prepared to be used in locust control. 3.High Pression Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have an outbreak situation in the cultivated

Locust Control Capacity Info Sheet

II. Substation:

City: **Salalah**

Province/State: **Directorate General of Agriculture and Animal**

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

| | |
|-------------------------------|----|
| Station Manager: | 4 |
| Locust Officers: | 2 |
| Plant Protection Technicians: | 4 |
| Trainers: | 10 |
| Assistant staff: | |
| Scouts: | 0 |
| Drivers: | 6 |
| Other staff: | |
| 1. Information Officer | 1 |
| 2. Assistant | 2 |

Equipment:

| | |
|-------------------------------------|---|
| Vehicles (4x4): | 5 |
| Trucks: | 2 |
| Vehicle mounted ULVA mast sprayers: | 3 |
| Vehicle mounted Micronair sprayers: | 0 |
| Hand-held ULV sprayers: | 0 |
| Motorized Knapsack sprayers: | 0 |
| Other Spray equipment: | |
| | |
| GPS hand set: | 5 |
| Compass: | 2 |
| Anemometer: | 0 |
| Maps (Sets): | 1 |
| Stop-watch: | 0 |
| Hand-lens: | 3 |
| Tachometer: | 0 |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per ADC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 10 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 1 |
| Others: | |
| | |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| *) Put concentration in % | | |

Any further important information for this station:

Note:
Station manager: Head of Agriculture Developments Center
In December 2008, a new Locust Control Unit have been established with 3 new staffs (One Locust Information Officer and two technicians as assistants)
Trainees: Locust Information Officer and his assistants, those who's will get training in locust survey and control.
2. Each ADC has 2 vehicles 4x4 at least, ones can be prepared to be used in locust control.
3.High Pressure Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have

Locust Control Capacity Info Sheet

II. Substation:

City: Diba

Province/State: Department of Agriculture and Animal wealth at

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

| | |
|-------------------------------|---|
| Station Manager: | 4 |
| Locust Officers: | 2 |
| Plant Protection Technicians: | 2 |
| Trainers: | 1 |
| Assistant staff: | |
| Scouts: | |
| Drivers: | 3 |
| Other staff: | |
| | |
| | |

Equipment:

| | |
|-------------------------------------|---|
| Vehicles (4x4): | 3 |
| Trucks: | 1 |
| Vehicle mounted ULVA mast sprayers: | 0 |
| Vehicle mounted Micronair sprayers: | 0 |
| Hand-held ULV sprayers: | 0 |
| Motorized Knapsack sprayers: | 5 |
| Other Spray equipment: | |
| | |
| | |
| GPS hand set: | 4 |
| Compass: | 2 |
| Anemometer: | 0 |
| Maps (Sets): | 1 |
| Stop-watch: | 0 |
| Hand-lens: | 4 |
| Tachometer: | 0 |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per SDC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 8 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 2 |
| Others: | |
| | |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

*) Put concentration in %

Any further important information for this station:

Note:
 Station manger: Head of Agriculture Developments Center
 Locust officer: plant protection officer who's doing the locust job in head quarter in the directorate (region).
 Plant protection technician: doing same job as a locust officer
 Trainees: plan protection officer, those who's get training in locust survey and control. 2.
 Each ADC has 2 vehicles 4x4 at least, ones can be prepared to be used in locust control. 3.High Pression Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have an outbreak situation in the cultivated

Locust Control Capacity Info Sheet

II. Substation:

City: Muscat

Province/State: Agriculture Development Center of Seeb and Quriyat

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

| | |
|-------------------------------|---|
| Station Manager: | 2 |
| Locust Officers: | 1 |
| Plant Protection Technicians: | 2 |
| Trainers: | 4 |
| Assistant staff: | |
| Scouts: | |
| Drivers: | 3 |
| Other staff: | |
| | |
| | |

Equipment:

| | |
|-------------------------------------|---|
| Vehicles (4x4): | 4 |
| Trucks: | 0 |
| Vehicle mounted ULVA mast sprayers: | 0 |
| Vehicle mounted Micronair sprayers: | 0 |
| Hand-held ULV sprayers: | 0 |
| Motorized Knapsack sprayers: | 0 |
| Other Spray equipment: | |
| | |
| | |
| GPS hand set: | 2 |
| Compass: | 0 |
| Anemometer: | 0 |
| Maps (Sets): | 1 |
| Stop-watch: | 0 |
| Hand-lens: | 2 |
| Tachometer: | 0 |

Other Equipment:

| | |
|-------------------------------|-----------|
| Fixed HF radio transceivers: | 0 |
| Mobile HF radio transceivers: | 0 |
| Fax-machines: | 1 per ADC |
| eLocust systems: | 1 |
| Satellite receiver: | 0 |
| Walky-talkies: | 0 |
| Protective clothes: | 6 |
| Camping beds: | 0 |
| Tents: | 0 |
| Field Generators: | 0 |
| Blood testing kits: | 0 |
| Field lap-top computers: | 0 |
| Digital Cameras: | 2 |
| Others: | |
| | |
| | |

Pesticides for locust control:

| | | |
|-------------------------------|--|-----------|
| A: ULV Formulations *) | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| B: EC Formulations | | in Litres |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| B: Dust Formulations | | in KG |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| *) Put concentration in % | | |

Any further important information for this station:

Note:
 Station manger: Head of Agriculture Developments Center
 Locust officer: plant protection officer who's doing the locust job in head quarter in the directorate (region).
 Plant protection technician: doing same job as a locust officer
 Trainees: plan protection officer, those who's get training in locust survey and control. 2.
 Each ADC has 2 vehicles 4x4 at least, ones can be prepared to be used in locust control. 3.High Pression Sprayers distributed in all the Agriculture Developments Center, and we are using it to control locust when we have an outbreak situation in the cultivated