

**Questionnaire
Capacities of the LCU**

Locust Control Capacity Information (Status: May 2005)																																																																	
COUNTRY:	SUDAN																																																																
I. LOCUST CONTROL SERVICE:																																																																	
HQ: City:	KHARTOUM NORTH																																																																
Official Title of the Locust Control Unit:	CENTRAL INSTITUTION FOR LOCUST RESEARCH AND CONTROL																																																																
Official Name of the Ministry:	PLANT PROTECTION DIRECTORATE (PPD), MINISTRY OF AGRICULTURE AND																																																																
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<p>* The break down of the budget is: 146,600 US \$ for summer survey operations (HQ & outstations), 443,517 US \$ for limited outbreak control operations.</p>																																																																	
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The Field Stations (Outstations) are they under direct supervision of the Locust Control Service?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>																																																												
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If NO: Which is the supervising authority? Please quote the official name.																																																																	

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Substation 1:

City: **FASHIR**

Province/State: **NORTH DARFUR STATE**

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

Station Manager):	1
Locust Officers:	10
Plant Protection Technicians:	10
Trainers:	0
Assistant staff:	52
Scouts:	0
Drivers:	6
Other:	
Radio operators	1
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	2
Mobile HF radio transceivers:	1
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	10
Camping beds:	0
Tents:	4
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Other:	

Equipment:

Vehicles (4x4):	3
Trucks:	1
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	2
Hand-held ULV sprayers:	18
Motorized Knapsack sprayers:	82
Other Spray equipment:	
1. Motorized wheel barrow	6
2. Aircraft	0
GPS hand set:	2
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. Malathion 96%	2200
2. Diazinon 80%	0
3. Marshal 200%	0
4. Dursban 45%	2200
5. Adonis 12.5%	3400
6. Decis 12.5%	0
7. Polytrin 20%	0
B: EC Formulations	in Litres
1. Malathion 57%	2200
2. Diazinon 60%	2070
3. Metastox EC	0
B: Dust Formulations	in KG
1. Ficam 1%	0
2. Dursban 5%	3241
3. Dursban 1%	957
4. Propoxur 2%	0
5. Ondain 2%	0

*) Put concentration in %

**Questionnaire
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Substation 2:

City: **GENEINA**

Province/State: **WEST DARFUR STATE**

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

Station Manager):	1
Locust Officers:	5
Plant Protection Technicians:	9
Trainers:	0
Assistant staff:	35
Scouts:	0
Drivers:	6
Other:	
Radio operators	1
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	3
Mobile HF radio transceivers:	3
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	10
Camping beds:	0
Tents:	4
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Other:	

Equipment:

Vehicles (4x4):	3
Trucks:	1
Vehicle mounted ULVA mast sprayers:	2
Vehicle mounted Micronair sprayers:	4
Hand-held ULV sprayers:	2
Motorized Knapsack sprayers:	33
Other Spray equipment:	
1. Motorized wheel barrow	6
2. Aircraft	0
GPS hand set:	3
Compass:	3
Anemometer:	3
Maps (Sets):	3
Stop-watch:	0
Hand-lens:	0
Tachometer:	0

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Malathion 96%	0
2. Diazinon 80%	3,000
3. Marshal 200%	2,000
4. Dursban 45%	0
5. Adonis 12.5%	0
7. Polytrin 20%	2,450
B: EC Formulations	in Litres
1. Malathion 57%	2,200
2. Diazinon 60%	2,070
3. Metastox EC	0
B: Dust Formulations	in KG
1. Ficam 1%	2,500
2. Dursban 5%	7,500
3. Dursban 1%	0
4. Propoxur 2%	0
5. Ondain 2%	0

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 3:

City: **OBIED**

Province/State: **NORTH KORDUFAN STATE**

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

Station Manager):	1
Locust Officers:	6
Plant Protection Technicians:	7
Trainers:	0
Assistant staff:	56
Scouts:	0
Drivers:	6
Other:	
Radio operators	2
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	5
Mobile HF radio transceivers:	2
Fax-machines:	1
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	15
Camping beds:	0
Tents:	5
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Other:	

Equipment:

Vehicles (4x4):	5
Trucks:	1
Vehicle mounted ULVA mast sprayers:	3
Vehicle mounted Micronair sprayers:	0
Hand-held ULV sprayers:	14
Motorized Knapsack sprayers:	18
Other Spray equipment:	
1. Motorized wheel barrow	7
2. Aircraft	0
GPS hand set:	4
Compass:	4
Anemometer:	4
Maps (Sets):	2
Stop-watch:	0
Hand-lens:	0
Tachometer:	0

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Malathion 96%	0
2. Diazinon 80%	270
3. Marshal 200%	6,125
4. Dursban 45%	0
5. Adonis 12.5%	350
6. Decis 12.5%	0
7. Polytrin 20%	0
B: EC Formulations	in Litres
1. Malathion 57%	1,477
2. Diazinon 60%	1,716
3. Metastox EC	0
B: Dust Formulations	in KG
1. Ficam 1%	1,307
2. Dursban 5%	3,087
3. Dursban 1%	0
4. Propoxur 2%	0
5. Ondain 2%	0

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 4:

City: **DONGOLA**

Province/State: **NORTHERN STATE**

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

Station Manager):	1
Locust Officers:	7
Plant Protection Technicians:	12
Trainers:	0
Assistant staff:	31
Scouts:	0
Drivers:	5
Other:	
Radio operators	1
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	5
Mobile HF radio transceivers:	0
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	5
Camping beds:	0
Tents:	3
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Other:	

Equipment:

Vehicles (4x4):	3
Trucks:	0
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	0
Hand-held ULV sprayers:	0
Motorized Knapsack sprayers:	6
Other Spray equipment:	
1. Motorized wheel barrow	6
2. Aircraft	0
GPS hand set:	2
Compass:	2
Anemometer:	2
Maps (Sets):	2
Stop-watch:	2
Hand-lens:	0
Tachometer:	0

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Malathion 96%	0
2. Diazinon 80%	188
3. Marshal 200%	500
4. Dursban 45%	0
5. Adonis 12.5%	0
6. Decis 12.5%	216
7. Polytrin 20%	0
B: EC Formulations	in Litres
1. Malathion 57%	9
2. Diazinon 60%	0
3. Metastox EC	0
B: Dust Formulations	in KG
1. Ficam 1%	0
2. Dursban 5%	0
3. Dursban 1%	0
4. Propoxur 2%	205
5. Ondain 2%	0

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 5:

City: DAMER

Province/State: RIVER NILE STATE

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

Station Manager):	1
Locust Officers:	10
Plant Protection Technicians:	35
Trainers:	0
Assistant staff:	45
Scouts:	0
Drivers:	5
Other:	
Radio operators	3
Store keeper & Accountant	4

Other Equipment:

Fixed HF radio transceivers:	3
Mobile HF radio transceivers:	1
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	7
Camping beds:	0
Tents:	2
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Other:	

Equipment:

Vehicles (4x4):	2
Trucks:	0
Vehicle mounted ULVA mast sprayers:	0
Vehicle mounted Micronair sprayers:	0
Hand-held ULV sprayers:	15
Motorized Knapsack sprayers:	22
Other Spray equipment:	
1. Motorized wheel barrow	7
2. Aircraft	0
GPS hand set:	2
Compass:	1
Anemometer:	1
Maps (Sets):	1
Stop-watch:	1
Hand-lens:	0
Tachometer:	0

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Malathion 96%	350	
2. Diazinon 80%	0	
3. Marshal 200%	0	
4. Dursban 45%	0	
5. Adonis 12.5%	0	
7. Polytrin 20%	0	
B: EC Formulations		in Litres
1. Malathion 57%	0	
2. Diazinon 60%	0	
3. Metastox EC	0	
B: Dust Formulations		in KG
1. Ficam 1%	0	
2. Dursban 5%	0	
3. Dursban 1%	0	
4. Propoxur 2%	0	
5. Ondain 2%	0	

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 6:

City: **KASSALA**

Province/State: **KASSALA STATE**

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

Station Manager):	1
Locust Officers:	5
Plant Protection Technicians:	7
Trainers:	0
Assistant staff:	21
Scouts:	0
Drivers:	0
Other:	
Radio operators	2
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	3
Mobile HF radio transceivers:	0
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	8
Camping beds:	0
Tents:	3
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Others:	

Equipment:

Vehicles (4x4):	5
Trucks:	0
Vehicle mounted ULVA mast sprayers:	0
Vehicle mounted Micronair sprayers:	0
Hand-held ULV sprayers:	0
Motorized Knapsack sprayers:	8
Other Spray equipment:	
1. Motorized wheel barrow	8
2. Aircraft	0
GPS hand set:	3
Compass:	2
Anemometer:	2
Maps (Sets):	2
Stop-watch:	2
Hand-lens:	0
Tachometer:	0

Pesticides for locust control:

A: ULV Formulations *)		in Litres
1. Malathion 96%	1,000	
2. Diazinon 80%	1,000	
3. Marshal 200%	1,525	
4. Dursban 45%	313	
5. Adonis 12.5%	0	
7. Polytrin 20%	0	
B: EC Formulations		in Litres
1. Malathion 57%	2,473	
2. Diazinon 60%	0	
3. Metastox EC	0	
B: Dust Formulations		in KG
1. Ficam 1%	1,000	
2. Dursban 5%	1,840	
3. Dursban 1%	0	
4. Propoxur 2%	0	
5. Ondain 2%	0	

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 7:

City: **DEUEIM**

Province/State: **WHITE NILE STATE**

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

Station Manager):	1
Locust Officers:	1
Plant Protection Technicians:	2
Trainers:	0
Assistant staff:	14
Scouts:	0
Drivers:	3
Other:	
Radio operators	1
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	4
Mobile HF radio transceivers:	0
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	0
Camping beds:	0
Tents:	2
Field Generators:	0
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Others:	

Equipment:

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

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Malathion 96%	2,000 **
2. Diazinon 80%	2,000
3. Marshal 200%	0
4. Dursban 45%	0
5. Adonis 12.5%	0
7. Polytrin 20%	750
B: EC Formulations	in Litres
1. Malathion 57%	17,000
2. Diazinon 60%	0
3. Metastox EC	0
B: Dust Formulations	in KG
1. Ficam 1%	3,771
2. Dursban 5%	5,120
3. Dursban 1%	0
4. Propoxur 2%	0
5. Ondain 2%	25,000

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 8:

City: **KHARTOUM**

Province/State: **KHARTOUM STATE**

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

Station Manager):	1
Locust Officers:	7
Plant Protection Technicians:	9
Trainers:	0
Assistant staff:	7
Scouts:	0
Drivers:	3
Other:	
Radio operators	1
Store keeper & Accountant	2

Other Equipment:

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

Equipment:

Vehicles (4x4):	3
Trucks:	0
Vehicle mounted ULVA mast sprayers:	1
Vehicle mounted Micronair sprayers:	0
Hand-held ULV sprayers:	0
Motorized Knapsack sprayers:	8
Other Spray equipment:	
1. Motorized wheel barrow	?
2. Aircraft	0
GPS hand set:	2
Compass:	2
Anemometer:	2
Maps (Sets):	2
Stop-watch:	2
Hand-lens:	0
Tachometer:	0

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Malathion 96%	0
2. Diazinon 80%	
3. Marshal 200%	725
4. Dursban 45%	
5. Adonis 12.5%	
7. Polytrin 20%	1000
B: EC Formulations	in Litres
1. Malathion 57%	152
2. Diazinon 60%	879
3. Metastox EC	
B: Dust Formulations	in KG
1. Ficam 1%	?
2. Dursban 5%	
3. Dursban 1%	
4. Propoxur 2%	
5. Ondain 2%	

*) Put concentration in %

**Questionnaire
Capacities of the LCU**

Substation 9:

City: **SUAKIN**

Province/State: **RED SEA STATE**

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

Station Manager):	1
Locust Officers:	2
Plant Protection Technicians:	3
Trainers:	0
Assistant staff:	10
Scouts:	0
Drivers:	3
Other:	
Radio operators	0
Store keeper & Accountant	2

Other Equipment:

Fixed HF radio transceivers:	3
Mobile HF radio transceivers:	2
Fax-machines:	0
eLocust systems:	0
Satellite receiver:	0
Walky-talkies:	0
Protective clothes:	10
Camping beds:	20
Tents:	10
Field Generators:	1
Blood testing kits:	0
Field lap-top computers:	0
Digital Cameras:	0
Other:	

Equipment:

Vehicles (4x4):	2
Trucks:	1
Vehicle mounted ULVA mast sprayers:	2
Vehicle mounted Micronair sprayers:	4
Hand-held ULV sprayers:	0
Motorized Knapsack sprayers:	9
Other Spray equipment:	
1. Motorized wheel barrow	5
2. Aircraft	0
GPS hand set:	5
Compass:	5
Anemometer:	5
Maps (Sets):	3
Stop-watch:	5
Hand-lens:	3
Tachometer:	3

Pesticides for locust control:

A: ULV Formulations *)	in Litres
1. Malathion 96%	0
2. Diazinon 80%	0
3. Marshal 200%	0
4. Dursban 45%	0
5. Adonis 12.5%	0
7. Polytrin 20%	5,000
B: EC Formulations	in Litres
1. Malathion 57%	1,000
2. Diazinon 60%	0
3. Metastox EC	0
B: Dust Formulations	in KG
1. Ficam 1%	0
2. Dursban 5%	0
3. Dursban 1%	0
4. Propoxur 2%	1,800
5. Ondain 2%	0

*) Put concentration in %