



Desert Locust Standard Survey/Control Form

Country:
Date :

1	Survey Stop	1	2	3
1.1	Location name			
1.2	Time			
1.3	Latitude (DD MM SSS)			
1.4	Longitude (DD MM SSS / W, E)			
1.5	Surveyed area (ha)			
1.6	Locust (Present or Absent)			
1.7	4 GPS corner points of area to be treated <div style="text-align: center;"> </div>	1:	1:	1:
		2:	2:	2:
		3:	3:	3:
		4:	4:	4:
1.8	Area to be treated (ha)			
2 Ecology				
Habitat				
2.1	Topography (Wadi, Plain, Plateau, Hills, Dunes, Interdunes, Crops, Pasture, Oasis, Reg, Salt flat, Depression, Well, Beach, Town)			
2.2	Soil type (Sand, Silt, Clay, Stone, Gravel, Rocks)			
2.3	Soil moisture (Dry or Wet)			
2.4	Wet soil depth (cm) From - To			
Vegetation				
2.5	State (Greening, Green, Drying, Dry)			
2.6	Density (Low, Medium, Dense)			
2.7	Annual species (list the 3 dominant species)			
2.8	State (Greening, Green, Drying, Dry)			
2.9	Cover (%)			
2.10	Drying (%)			
2.11	Development stage (1,2,3,4,5)			
2.12	Perennial species (list the 3 dominant species)			
2.13	State (Re-greening, Green, Drying, Dry)			
2.14	Cover (%)			
2.15	Drying (%)			
2.16	Greening (%)			
Weather				
2.17	Date of last rain			
2.18	Approximative quantity (Light, Moderate, Heavy)			
2.19	Quantity (mm)			
2.20	Temperature (°C)			
2.21	Wind coming from (N, NW, NE, W, E, S, SW, SE)			
2.22	Wind speed (m/s)			
3 Locust				
Hoppers				
3.1	Stage (E-1-2-3-4-5-6-F)			
3.2	Dominant stage (E-1-2-3-4-5-6-F)			
3.3	Appearance (Solitary, <i>Transiens</i> , <i>T/congregans</i> , <i>T/dissocians</i> , Gregarious)			
3.4	Behaviour (Isolated, Scattered, Groups)			
3.5	Colour (Green, Green/Yellow, Green/Black, Yellow/Black, Black)			
3.6	Density (Low, Medium, High)			
3.7	Density minimum, average, maximum (per tuft or m ²)			
3.8	Average distance between tufts (m)			
3.9	Activity (Hatching, Marching, Feeding, Roosting, Moulting)			
Bands				
3.10	Stage (E-1-2-3-4-5-F)			
3.11	Dominant stage (E-1-2-3-4-5-F)			
3.12	Density (Low, Medium, High)			

3.13	Density minimum, average, maximum (per m ²)			
3.14	Size minimum, average, maximum (m ² or ha)			
3.15	Number of bands			
3.16	Average distance between bands (m)			
3.17	Colour (Black, Yellow/Black, Green)			
3.18	Activity (Hatching, Marching, Feeding, Roosting, Moulting)			
	Adults			
3.19	Stage (Immature, Maturing, Mature)			
3.20	Dominant stage (Immature, Maturing, Mature)			
3.21	Colour (Gray, Brown, Yellow Wings, Pink, Yellow)			
3.22	Appearance (Solitary, <i>Transiens</i> , <i>T/congregans</i> , <i>T/dissocians</i> , Gregarious)			
3.23	Behaviour (Isolated, Scattered, Groups)			
3.24	Breeding (Copulating, Laying)			
3.25	Density (Low, Medium, High)			
3.26	Number (per transect)			
3.27	Length (m) and width (m) of transect			
	Swarms			
3.28	Stage (Immature, Maturing, Mature)			
3.29	Dominant stage (Immature, Maturing, Mature)			
3.30	Colour (Pink, Yellow)			
3.31	Breeding (Copulating, Laying)			
3.32	Activity (Settled, Takeoff, Milling, Flying)			
3.33	Density minimum and maximum (per m ²)			
3.34	Density (Low, Medium, High)			
3.35	Size (ha, km ²)			
3.36	Flying from (N, NW, NE, W, E, S, SW, SE)			
3.37	Flying to (N, NW, NE, W, E, S, SW, SE)			
3.38	Flying height (Low, Medium, High)			
3.39	Flying duration (h and min)			
3.40	Cohesion (Weak, Medium, Strong)			
3.41	Shape (Cumuliform, Stratiform)			
4	Control			
4.1	Application type (Full cover, Barrier)			
4.2	Area treated (ha) and area protected (ha)			
4.3	Pesticide name			
4.4	Formulation (EC, ULV)			
4.5	Concentration (g a.i./L or %)			
4.6	Application rate (L/ha or g/ha)			
4.7	Quantity used (L or G)			
4.8	Method (Handheld, Backpack, Vehicle, Air)			
4.9	Treatment duration (h and min)			
4.10	Mortality rate (%)			
4.11	Time after treatment (hours)			
4.12	Phytotoxicity (Present, Absent)			
4.13	Zootoxicity (Present, Absent)			
5	Safety			
5.1	Protective clothing used: Goggles, Mask, Overalls, Boots (L, M, C, B, G)			
5.2	Intoxication (Yes, No)			
5.3	Cholinesterase rate monitoring (Yes, No)			
5.4	Crop damage (%)			
5.5	Pasture damage (%)			
6	Comments			