



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) | | | |

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| 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 | | | |
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