



LOCUST SURVEY FORM (CAUCASUS AND CENTRAL ASIA)

Observer's Name:

Notes: When appropriate, circle the correct answer; It is mandatory to fill the fields marked with an asterix (*).

1	IDENTIFICATION OF THE SURVEY STOP	1	2	3	4	5
1.1*	Country					
1.2*	Oblast					
1.3*	Rayon					
1.4	Rural district					
1.5	Name of village					
1.6	Farm or site					
1.7*	Name of survey team leader					
1.8*	Date (Day/Month/Year)					
1.9*	Latitude of point #1 (geographic coordinates of surveyed area)					
1.10*	Longitude of point #1					
1.11	Latitude of point #2					
1.12	Longitude of point #2					
1.13	Latitude of point #3					
1.14	Longitude of point #3					
1.15	Latitude of point #4					
1.16	Longitude of point #4					
1.17	Latitude of point #5					
1.18	Longitude of point #5					
1.19	Latitude of point #6					
1.20	Longitude of point #6					
1.21*	Surveyed area (ha)					
2	ECOLOGICAL INFORMATION	1	2	3	4	5
2.1*	Type of biotope	CIT: steppes/ fallow lands/ crops/ pastures/ hills, mountains	CIT: steppes/ fallow lands/ crops/ pastures/ hills, mountains	CIT: steppes/ fallow lands/ crops/ pastures/ hills, mountains	CIT: steppes/ fallow lands/ crops/ pastures/ hills, mountains	CIT: steppes/ fallow lands/ crops/ pastures/ hills, mountains
		DMA: flatlands/ crops/ pastures/ hills, mountains	DMA: flatlands/ crops/ pastures/ hills, mountains	DMA: flatlands/ crops/ pastures/ hills, mountains	DMA: flatlands/ crops/ pastures/ hills, mountains	DMA: flatlands/ crops/ pastures/ hills, mountains
		LMI: low dry reeds/ high wet reeds/ others	LMI: low dry reeds/ high wet reeds/ others	LMI: low dry reeds/ high wet reeds/ others	LMI: low dry reeds/ high wet reeds/ others	LMI: low dry reeds/ high wet reeds/ others
		Other locusts: crops/ flatlands/ hills/ Others	Other locusts: crops/ flatlands/ hills/ Others	Other locusts: crops/ flatlands/ hills/ Others	Other locusts: crops/ flatlands/ hills/ Others	Other locusts: crops/ flatlands/ hills/ Others

2.2*	Vegetation	Greening/Green/ Drying/Dry/ Absent	Greening/Green/ Drying/Dry/ Absent	Greening/Green/ Drying/Dry/ Absent	Greening/Green/ Drying/Dry/ Absent	Greening/Green/ Drying/Dry/ Absent
2.3*	Vegetation cover (Low, Medium, Dense, Absent)	L M D A	L M D A	L M D A	L M D A	L M D A
2.4	Weather: air temperature (°C)					
2.5	Weather: wind (m/s)					
3	LOCUST INFORMATION (INCLUDING EGG-PODS)	1	2	3	4	5
3.1*	Present	YES NO	YES NO	YES NO	YES NO	YES NO
3.2*	Locust species	CIT/DMA/LMI/ CIT&DMA/ CIT&LMI/ Others/ Absent	CIT/DMA/LMI/ CIT&DMA/ CIT&LMI/ Others/ Absent	CIT/DMA/LMI/ CIT&DMA/ CIT&LMI/ Others/ Absent	CIT/DMA/LMI/ CIT&DMA/ CIT&LMI/ Others/ Absent	CIT/DMA/LMI/ CIT&DMA/ CIT&LMI/ Others/ Absent
3.3*	Infested areas (ha)					
4	EGGS	1	2	3	4	5
4.1*	Egg-bed (surface in m ²)					
4.2*	Egg-pods (density/m ²) from...					
4.3*	Egg-pods (density/m ²) to...					
4.4	Eggs (average number/egg-pod)					
4.5*	Eggs (% viable)					
4.6*	Natural enemies present	Fungal diseases/ larvae of flies/ larvae of beetles/ Other/ No	Fungal diseases/ larvae of flies/ larvae of beetles/ Other/ No	Fungal diseases/ larvae of flies/ larvae of beetles/ Other/ No	Fungal diseases/ larvae of flies/ larvae of beetles/ Other/ No	Fungal diseases/ larvae of flies/ larvae of beetles/ Other/ No
5	HOPPERS (SCATTERED)	1	2	3	4	5
5.1*	Hatching (Beginning, Mass)	B M	B M	B M	B M	B M
5.2*	Hopper stages (Small/ Small & Medium/ Medium/ Large/ Mixed ages)	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages
5.3	Appearance (Solitary, <i>Transiens</i> , Gregarious)	S T G	S T G	S T G	S T G	S T G
5.4*	Behavior (Isolated, Scattered, Groups)	I S G	I S G	I S G	I S G	I S G
5.5*	Hopper density (/m ²) from...					
5.6*	Hopper density (/m ²) to...					
6	HOPPER BANDS	1	2	3	4	5
6.1*	Minimum density in the band (/m ²)					
6.2*	Maximum density in the band (/m ²)					
6.3*	Band sizes (m ²)					
6.4	Number of bands (/ha)					

6.5*	Behaviour	Marching/ Feeding/ Decreased activity/ Stupor/ Molting	Marching/ Feeding/ Decreased activity/ Stupor/ Molting	Marching/ Feeding/ Decreased activity/ Stupor/ Molting	Marching/ Feeding/ Decreased activity/ Stupor/ Molting	Marching/ Feeding/ Decreased activity/ Stupor/ Molting
6.6*	Hopper stages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages	Small/ Small & Medium/ Medium/ Large/ Mixed ages
7	ADULTS	1	2	3	4	5
7.1*	Fledging (Beginning, Mass)	B M	B M	B M	B M	B M
7.2*	Maturity (yes, no)	YES NO	YES NO	YES NO	YES NO	YES NO
7.3*	Phase (Solitary, <i>Transiens</i> , Gregarious)	S T G	S T G	S T G	S T G	S T G
7.4*	Behaviour (Isolated, Scattered, Groups)	I S G	I S G	I S G	I S G	I S G
7.5	Adult density (/ha)					
7.6*	Adult density (/m ²)					
7.7*	Feeding and roosting	YES NO	YES NO	YES NO	YES NO	YES NO
7.8*	Copulating	YES NO	YES NO	YES NO	YES NO	YES NO
7.9*	Laying	YES NO	YES NO	YES NO	YES NO	YES NO
7.10*	Flying	YES NO	YES NO	YES NO	YES NO	YES NO
8	SWARMS	1	2	3	4	5
8.1*	Maturity	YES NO	YES NO	YES NO	YES NO	YES NO
8.2*	Swarm density (Low, Medium, High)	L M H	L M H	L M H	L M H	L M H
8.3	Swarm size (ha)					
8.4	Number of swarms					
8.5	Flying direction	Variable / N/ N-E/ E/ S-E/ S/ S-W/ W/ N-W	Variable / N/ N-E/ E/ S-E/ S/ S-W/ W/ N-W	Variable / N/ N-E/ E/ S-E/ S/ S-W/ W/ N-W	Variable / N/ N-E/ E/ S-E/ S/ S-W/ W/ N-W	Variable / N/ N-E/ E/ S-E/ S/ S-W/ W/ N-W
8.6	Flying height (Low, Medium, High)	L M H	L M H	L M H	L M H	L M H
9	COMMENTS	1	2	3	4	5
9.1	<i>Indicate if pictures were taken and add any other appropriate comments.</i>					

Last updated in April 2016

For more information, visit: www.fao.org/locusts-cca/