

## **Appendix 5. Completed *FAO Desert Locust Survey & Control Forms***

During this year's joint survey, field data and observations were entered directly into eLocust by the Team Leaders while, at the same time, the Locust Officers of each team completed the *FAO Desert Locust Survey & Control Forms*.

The completed forms on the following pages were derived by converting the eLocust export file to the MS Excel version of the *FAO Desert Locust Survey & Control Forms*. This was done by K. Cressman in Rome after returning from the joint survey.

<b>1 SURVEY STOP</b>							
1-1	date	11/04/03 16:37	12/04/03 10:37	12/04/03 11:46	12/04/03 13:40	12/04/03 18:11	13/04/03 09:38
1-2	name	Jiwani	Garok	Saijii	Shooli	Sulika	Lajaban
1-3	latitude (N)	25°2'46"N	25°19'31"N	25°26'48"N	25°33'31"N	25°50'45"N	26°1'1"N
1-4	longitude (E or W)	61°44'5"E	62°8'33"E	62°1'37"E	62°6'9"E	62°42'36"E	63°42'18"E
<b>2 ECOLOGY</b>							
2-1	area (ha) of survey	250	400	200	400	500	100
2-2	habitat (wadi, plains, dunes, crops)	Dunes	Dunes	Plains	Dunes	Plains	Crops
2-3	date of last rain	18/01/03	18/01/03	18/01/03	28/03/03	28/03/03	28/02/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Low	Low
2-5	vegetation (dry, greening, green, drying)	Green	Dry	Green	Dry	Green	Green
2-6	vegetation density (Low Medium Dense)	Low	Low	Low	Low	Low	Dense
2-7	soil moisture (wet/dry)	Dry	Dry	Dry	Dry	Dry	Wet
<b>3 LOCUSTS</b>							
3-1	present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)						
<b>4 HOPPERS</b>							
4-1	hopper stages (H123456F)						
4-2	appearance (solitary, transiens, gregarious)						
4-3	behaviour (isolated, scattered, groups)						
4-4	hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>							
5-1	band stage (H12345F)						
5-2	band density (/m2 or Low Medium High)						
5-3	band sizes (m2 or ha)						
5-4	number of bands						
<b>6 ADULTS</b>							
6-1	maturity (immature, mature)						
6-2	appearance (solitary, transiens, gregarious)						
6-3	behaviour (isolated, scattered, groups)						
6-4	adult density (/transect, /ha, L M H)						
6-5	breeding (copulating, laying)						
<b>7 SWARMS</b>							
7-1	maturity (immature, mature)						
7-2	swarm density (/m2 or Low Medium High)						
7-3	swarm size (km2 or ha)						
7-4	number of swarms						
7-5	breeding (copulating, laying)						
7-6	flying (direction, time passing)						
7-7	flying height (Low Medium High)						
<b>8 CONTROL</b>							
8-1	pesticide name & formulation						
8-2	application rate (l/ha or kg/ha)						
8-3	quantity (l)						
8-4	area treated (ha)						
8-5	ground or air						
8-6	estimated % kill						
<b>9 COMMENTS</b>							
		T=31c-R.H: 47%	T=32c-R.H: 53%	T=33c-R.H: 43%	T=33c-R.H:40%	T=34c-R.H: 32%	T=29c-R.H: 51%

loc 99/03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer: Joint Survey Team

date: 17-Apr-03

cleared by: Cressman

date: 17-Apr-03

<b>1 SURVEY STOP</b>							
1-1	date	04/04/03 11:26	04/04/03 12:20	04/04/03 13:04	05/04/03 15:27	05/04/03 18:28	05/04/03 19:16
1-2	name	Keton 1st	Keton 2st	Rahchil	Loope	Zendedad	Srikoran
1-3	latitude (N)	28°21'6"N	28°20'42"N	28°21'56"N	27°25'7"N	27°1'0"N	27°0'0"N
1-4	longitude (E or W)	65°23'59"E	65°21'49"E	65°20'35"E	65°3'23"E	64°13'59"E	64°11'0"E
<b>2 ECOLOGY</b>							
2-1	area (ha) of survey	900	700	250	100	100	150
2-2	habitat (wadi, plains, dunes, crops)	Dunes	Dunes	Plains	Plains	Wadi	Hills
2-3	date of last rain	28/03/03	28/03/03	28/03/03	17/02/03	28/03/03	28/03/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Low	Low
2-5	vegetation (dry, greening, green, drying)	Greening	Greening	Dry	Green	Green	Dry
2-6	vegetation density (Low Medium Dense)	Low	Low	Low	Dense	Medium	Low
2-7	soil moisture (wet/dry)	Wet	Wet	Dry	Dry	Dry	Dry
<b>3 LOCUSTS</b>							
3-1	present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)						
<b>4 HOPPERS</b>							
4-1	hopper stages (H123456F)						
4-2	appearance (solitary, transiens, gregarious)						
4-3	behaviour (isolated, scattered, groups)						
4-4	hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>							
5-1	band stage (H12345F)						
5-2	band density (/m2 or Low Medium High)						
5-3	band sizes (m2 or ha)						
5-4	number of bands						
<b>6 ADULTS</b>							
6-1	maturity (immature, mature)						
6-2	appearance (solitary, transiens, gregarious)						
6-3	behaviour (isolated, scattered, groups)						
6-4	adult density (/transect, /ha, L M H)						
6-5	breeding (copulating, laying)						
<b>7 SWARMS</b>							
7-1	maturity (immature, mature)						
7-2	swarm density (/m2 or Low Medium High)						
7-3	swarm size (km2 or ha)						
7-4	number of swarms						
7-5	breeding (copulating, laying)						
7-6	flying (direction, time passing)						
7-7	flying height (Low Medium High)						
<b>8 CONTROL</b>							
8-1	pesticide name & formulation						
8-2	application rate (l/ha or kg/ha)						
8-3	quantity (l)						
8-4	area treated (ha)						
8-5	ground or air						
8-6	estimated % kill						
<b>9 COMMENTS</b>							
		T=28-R.H12%	T=28-R.H. 10%	T=28c-R.H. 10%	Temp 32-R.H. 8%	T=27c-R.H. 11% SPOT coordinates	T=26c-R.H. 10% SPOT coordinates

ku-991.03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer: Joint Survey Team

date: 17-Apr-03

cleared by: Cressman

date: 17-Apr-03

<b>1 SURVEY STOP</b>						
1-1	date	06/04/03 10:52	06/04/03 11:26	06/04/03 12:22	06/04/03 12:58	06/04/03 13:40
1-2	name	Chackul	Drugdep	Sorwan	Sorcheel	Rohtak
1-3	latitude (N)	26°51'49"N	26°48'0"N	26°50'27"N	26°51'1"N	26°48'56"N
1-4	longitude (E or W)	63°57'14"E	63°50'43"E	63°50'46"E	63°46'1"E	63°44'30"E
<b>2 ECOLOGY</b>						
2-1	area (ha) of survey	300	150	200	600	400
2-2	habitat (wadi, plains, dunes, crops)	Plains	Dunes	Plains	Plains	Plains
2-3	date of last rain	17/02/03	17/02/03	17/02/03	17/02/03	17/02/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Low
2-5	vegetation (dry, greening, green, drying)	Greening	Green	Green	Drying	Drying
2-6	vegetation density (Low Medium Dense)	Medium	Medium	Medium	Low	Low
2-7	soil moisture (wet/dry)	Dry	Dry	Dry	Dry	Dry
<b>3 LOCUSTS</b>						
3-1	present or absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)					
<b>4 HOPPERS</b>						
4-1	hopper stages (H123456F)					
4-2	appearance (solitary, transiens, gregarious)					
4-3	behaviour (isolated, scattered, groups)					
4-4	hopper density (/site, /m2, Low Med High)					
<b>5 BANDS</b>						
5-1	band stage (H12345F)					
5-2	band density (/m2 or Low Medium High)					
5-3	band sizes (m2 or ha)					
5-4	number of bands					
<b>6 ADULTS</b>						
6-1	maturity (immature, mature)					
6-2	appearance (solitary, transiens, gregarious)					
6-3	behaviour (isolated, scattered, groups)					
6-4	adult density (/transect, /ha, L M H)					
6-5	breeding (copulating, laying)					
<b>7 SWARMS</b>						
7-1	maturity (immature, mature)					
7-2	swarm density (/m2 or Low Medium High)					
7-3	swarm size (km2 or ha)					
7-4	number of swarms					
7-5	breeding (copulating, laying)					
7-6	flying (direction, time passing)					
7-7	flying height (Low Medium High)					
<b>8 CONTROL</b>						
8-1	pesticide name & formulation					
8-2	application rate (l/ha or kg/ha)					
8-3	quantity (l)					
8-4	area treated (ha)					
8-5	ground or air					
8-6	estimated % kill					
<b>9 COMMENTS</b>						
		T=29c·R.H. 9.5%	T=31c ·R.H. 9%	T=34c·R.H. 9%	T=32.5c·R.H. 8.9%	T=33.3c·R.H. 8.9%
						T=28c·R.H. 17%

loc 99/03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer: Joint Survey Team

date: 17-Apr-03

cleared by: Cressman

date: 17-Apr-03

<b>1 SURVEY STOP</b>							
1-1	date	07/04/03 17:22	07/04/03 17:57	08/04/03 11:12	08/04/03 11:45	08/04/03 12:42	08/04/03 13:45
1-2	name	Korpusht	menaz	Koshk	Koshklat	Absar	Jusak
1-3	latitude (N)	26°17'28"N	26°17'24"N	26°0'37"N	26°0'35"N	26°1'11"N	26°3'10"N
1-4	longitude (E or W)	63°6'27"E	63°5'24"E	63°2'40"E	63°1'11"E	63°4'47"E	63°5'15"E
<b>2 ECOLOGY</b>							
2-1	area (ha) of survey	200	100	200	100	400	200
2-2	habitat (wadi, plains, dunes, crops)	Crops	Crops	Crops	Crops	Plains	Crops
2-3	date of last rain	28/03/03	28/03/03	28/03/03	28/03/03	28/03/03	28/03/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Low	Low
2-5	vegetation (dry, greening, green, drying)	Green	Green	Green	Green	Green	Green
2-6	vegetation density (Low Medium Dense)	Dense	Dense	Dense	Dense	Dense	Dense
2-7	soil moisture (wet/dry)	Wet	Wet	Wet	Wet	Dry	Wet
<b>3 LOCUSTS</b>							
3-1	present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)						
<b>4 HOPPERS</b>							
4-1	hopper stages (H123456F)						
4-2	appearance (solitary, transiens, gregarious)						
4-3	behaviour (isolated, scattered, groups)						
4-4	hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>							
5-1	band stage (H12345F)						
5-2	band density (/m2 or Low Medium High)						
5-3	band sizes (m2 or ha)						
5-4	number of bands						
<b>6 ADULTS</b>							
6-1	maturity (immature, mature)						
6-2	appearance (solitary, transiens, gregarious)						
6-3	behaviour (isolated, scattered, groups)						
6-4	adult density (/transect, /ha, L M H)						
6-5	breeding (copulating, laying)						
<b>7 SWARMS</b>							
7-1	maturity (immature, mature)						
7-2	swarm density (/m2 or Low Medium High)						
7-3	swarm size (km2 or ha)						
7-4	number of swarms						
7-5	breeding (copulating, laying)						
7-6	flying (direction, time passing)						
7-7	flying height (Low Medium High)						
<b>8 CONTROL</b>							
8-1	pesticide name & formulation						
8-2	application rate (l/ha or kg/ha)						
8-3	quantity (l)						
8-4	area treated (ha)						
8-5	ground or air						
8-6	estimated % kill						
<b>9 COMMENTS</b>							
		T=36c-R.H. 10% SPOT coordinates are houses, not locust habitat	T=35.5c-R.H.10.9% SPOT coordinates but not reached exactly due to garden wall of date palms	T=38c-R.H. 12% 0.46 km from SPOT coordinates	T=39.5-R.H. 11%	T=40c-R.H. 7.5%	T=40c-R.H.10.5%

lc 99/03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer : Joint Survey Team

date : 17-Apr-03

cleared by : Cressman

date : 17-Apr-03

<b>1 SURVEY STOP</b>							
1-1	date	08/04/03 18:29	08/04/03 19:17	09/04/03 10:49	09/04/03 13:02	09/04/03 17:41	09/04/03 17:58
1-2	name	Rodbun	Chagardan	Pidark	Shadikor	Gorani Chah 1st	Gorani Char 2st
1-3	latitude (N)	26°5'36"N	26°2'25"N	25°50'54"N	25°31'14"N	25°16'15"N	25°15'32"N
1-4	longitude (E or W)	62°30'6"E	62°52'46"E	63°12'39"E	63°26'58"E	63°20'59"E	63°19'36"E
<b>2 ECOLOGY</b>							
2-1	area (ha) of survey	700	500	10	100	200	50
2-2	habitat (wadi, plains, dunes, crops)	Plains	Plains	Wadi	Plains	Dunes	Dunes
2-3	date of last rain	28/03/03	28/03/03	28/03/03	28/03/03	31/01/03	31/01/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Moderate	Moderate
2-5	vegetation (dry, greening, green, drying)	Green	Green	Green	Green	Green	Green
2-6	vegetation density (Low Medium Dense)	Dense	Medium	Low	Low	Dense	Medium
2-7	soil moisture (wet/dry)	Dry	Dry	Wet	Dry	Dry	Dry
<b>3 LOCUSTS</b>							
3-1	present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)						
<b>4 HOPPERS</b>							
4-1	hopper stages (H123456F)						
4-2	appearance (solitary, transiens, gregarious)						
4-3	behaviour (isolated, scattered, groups)						
4-4	hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>							
5-1	band stage (H12345F)						
5-2	band density (/m2 or Low Medium High)						
5-3	band sizes (m2 or ha)						
5-4	number of bands						
<b>6 ADULTS</b>							
6-1	maturity (immature, mature)						
6-2	appearance (solitary, transiens, gregarious)						
6-3	behaviour (isolated, scattered, groups)						
6-4	adult density (/transect, /ha, L M H)						
6-5	breeding (copulating, laying)						
<b>7 SWARMS</b>							
7-1	maturity (immature, mature)						
7-2	swarm density (/m2 or Low Medium High)						
7-3	swarm size (km2 or ha)						
7-4	number of swarms						
7-5	breeding (copulating, laying)						
7-6	flying (direction, time passing)						
7-7	flying height (Low Medium High)						
<b>8 CONTROL</b>							
8-1	pesticide name & formulation						
8-2	application rate (l/ha or kg/ha)						
8-3	quantity (l)						
8-4	area treated (ha)						
8-5	ground or air						
8-6	estimated % kill						
<b>9 COMMENTS</b>							
		T=39c-R.H. 7%	T=34c-R.H. 10.5%	T=35c-R.H. 21%	T=37c-R.H. 30%	T=30.5c-R.H. 65.5%	T=30c-R.H. 70%

loc 99/03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer: Joint Survey Team

date: 17-Apr-03

cleared by: Cressman

date: 17-Apr-03

<b>1 SURVEY STOP</b>							
1-1	date	10/04/03 10:29	10/04/03 10:57	11/04/03 11:10	11/04/03 12:25	11/04/03 15:14	11/04/03 16:06
1-2	name	Gano 1st	Gano 2st	Nigor	Chatl	Pishkan	Hore
1-3	latitude (N)	25°25'39"N	25°26'41"N	25°16'45"N	25°16'27"N	25°7'33"N	25°6'6"N
1-4	longitude (E or W)	63°11'5"E	63°6'27"E	62°15'57"E	62°8'50"E	62°1'44"E	61°46'40"E
<b>2 ECOLOGY</b>							
2-1	area (ha) of survey	400	500	200	150	200	100
2-2	habitat (wadi, plains, dunes, crops)	Dunes	Dunes	Dunes	Plains	Dunes	Plains
2-3	date of last rain	31/01/03	31/01/03	18/01/03	18/01/03	18/01/03	18/01/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	High	Moderate	Low
2-5	vegetation (dry, greening, green, drying)	Green	Green		Green	Green	Green
2-6	vegetation density (Low Medium Dense)	Medium	Medium		Medium	Medium	Low
2-7	soil moisture (wet/dry)	Dry	Dry		Dry	Dry	Wet
<b>3 LOCUSTS</b>							
3-1	present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)						
<b>4 HOPPERS</b>							
4-1	hopper stages (H123456F)						
4-2	appearance (solitary, transiens, gregarious)						
4-3	behaviour (isolated, scattered, groups)						
4-4	hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>							
5-1	band stage (H12345F)						
5-2	band density (/m2 or Low Medium High)						
5-3	band sizes (m2 or ha)						
5-4	number of bands						
<b>6 ADULTS</b>							
6-1	maturity (immature, mature)						
6-2	appearance (solitary, transiens, gregarious)						
6-3	behaviour (isolated, scattered, groups)						
6-4	adult density (/transect, /ha, L M H)						
6-5	breeding (copulating, laying)						
<b>7 SWARMS</b>							
7-1	maturity (immature, mature)						
7-2	swarm density (/m2 or Low Medium High)						
7-3	swarm size (km2 or ha)						
7-4	number of swarms						
7-5	breeding (copulating, laying)						
7-6	flying (direction, time passing)						
7-7	flying height (Low Medium High)						
<b>8 CONTROL</b>							
8-1	pesticide name & formulation						
8-2	application rate (l/ha or kg/ha)						
8-3	quantity (l)						
8-4	area treated (ha)						
8-5	ground or air						
8-6	estimated % kill						
<b>9 COMMENTS</b>							
		T=32c-R.H. 54%	T=32c-R.H. 48%	T=32c-R.H. 63%	T=32c-R.H. 56%	T=32c-R.H. 59%	T=32c-R.H. 54%

loc 99/03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer: Joint Survey Team

date: 17-Apr-03

cleared by: Cressman

date: 17-Apr-03

<b>1 SURVEY STOP</b>							
1-1	date	11/04/03 16:37	12/04/03 10:37	12/04/03 11:46	12/04/03 13:40	12/04/03 18:11	13/04/03 09:38
1-2	name	Jiwani	Garok	Saijii	Shooli	Sulika	Lajaban
1-3	latitude (N)	25°2'46"N	25°19'31"N	25°26'48"N	25°33'31"N	25°50'45"N	26°1'1"N
1-4	longitude (E or W)	61°44'5"E	62°8'33"E	62°1'37"E	62°6'9"E	62°42'36"E	63°42'18"E
<b>2 ECOLOGY</b>							
2-1	area (ha) of survey	250	400	200	400	500	100
2-2	habitat (wadi, plains, dunes, crops)	Dunes	Dunes	Plains	Dunes	Plains	Crops
2-3	date of last rain	18/01/03	18/01/03	18/01/03	28/03/03	28/03/03	28/02/03
2-4	rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Low	Low
2-5	vegetation (dry, greening, green, drying)	Green	Dry	Green	Dry	Green	Green
2-6	vegetation density (Low Medium Dense)	Low	Low	Low	Low	Low	Dense
2-7	soil moisture (wet/dry)	Dry	Dry	Dry	Dry	Dry	Wet
<b>3 LOCUSTS</b>							
3-1	present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2	area infested (ha)						
<b>4 HOPPERS</b>							
4-1	hopper stages (H123456F)						
4-2	appearance (solitary, transiens, gregarious)						
4-3	behaviour (isolated, scattered, groups)						
4-4	hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>							
5-1	band stage (H12345F)						
5-2	band density (/m2 or Low Medium High)						
5-3	band sizes (m2 or ha)						
5-4	number of bands						
<b>6 ADULTS</b>							
6-1	maturity (immature, mature)						
6-2	appearance (solitary, transiens, gregarious)						
6-3	behaviour (isolated, scattered, groups)						
6-4	adult density (/transect, /ha, L M H)						
6-5	breeding (copulating, laying)						
<b>7 SWARMS</b>							
7-1	maturity (immature, mature)						
7-2	swarm density (/m2 or Low Medium High)						
7-3	swarm size (km2 or ha)						
7-4	number of swarms						
7-5	breeding (copulating, laying)						
7-6	flying (direction, time passing)						
7-7	flying height (Low Medium High)						
<b>8 CONTROL</b>							
8-1	pesticide name & formulation						
8-2	application rate (l/ha or kg/ha)						
8-3	quantity (l)						
8-4	area treated (ha)						
8-5	ground or air						
8-6	estimated % kill						
<b>9 COMMENTS</b>							
		T=31c-R.H: 47%	T=32c-R.H: 53%	T=33c-R.H: 43%	T=33c-R.H:40%	T=34c-R.H: 32%	T=29c-R.H: 51%

loc 99/03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan

Locust Officer: Joint Survey Team

date: 17-Apr-03

cleared by: Cressman

date: 17-Apr-03



<b>1 SURVEY STOP</b>						
1-1 date	13/04/03 10:57	17/04/03 14:36	17/04/03 15:13	17/04/03 17:28	17/04/03 17:58	18/04/03 10:27
1-2 name	Bidrang	Khash	Beit Abad	Shams Abad Bala	Hoshak	Gogen
1-3 latitude (N)	26°3'43"N	28°17'31"N	28°4'34"N	27°31'29"N	27°24'23"N	27°35'24"N
1-4 longitude (E or W)	64°10'32"E	61°7'32"E	61°23'38"E	62°8'30"E	62°17'1"E	62°37'48"E
<b>2 ECOLOGY</b>						
2-1 area (ha) of survey	300	200	150	250	100	100
2-2 habitat (wadi, plains, dunes, crops)	Wadi	Plains	Plains	Dunes	Plains	Wadi
2-3 date of last rain	28/02/03	15/04/03	15/04/03	17/04/03	17/04/03	17/04/03
2-4 rain amount (mm, Low Moderate High. ?)	Low	Low	Low	Low	Low	Low
2-5 vegetation (dry, greening, green, drying)	Green	Greening	Green	Green	Dry	Dry
2-6 vegetation density (Low Medium Dense)	Low	Medium	Medium	Medium	Low	Low
2-7 soil moisture (wet/dry)	Dry	Wet	Dry	Wet	Wet	Dry
<b>3 LOCUSTS</b>						
3-1 present or absent	Absent	Absent	Absent	Absent	Absent	Absent
3-2 area infested (ha)						
<b>4 HOPPERS</b>						
4-1 hopper stages (H123456F)						
4-2 appearance (solitary, transiens, gregarious)						
4-3 behaviour (isolated, scattered, groups)						
4-4 hopper density (/site, /m2, Low Med High)						
<b>5 BANDS</b>						
5-1 band stage (H12345F)						
5-2 band density (/m2 or Low Medium High)						
5-3 band sizes (m2 or ha)						
5-4 number of bands						
<b>6 ADULTS</b>						
6-1 maturity (immature, mature)						
6-2 appearance (solitary, transiens, gregarious)						
6-3 behaviour (isolated, scattered, groups)						
6-4 adult density (/transect, /ha, L M H)						
6-5 breeding (copulating, laying)						
<b>7 SWARMS</b>						
7-1 maturity (immature, mature)						
7-2 swarm density (/m2 or Low Medium High)						
7-3 swarm size (km2 or ha)						
7-4 number of swarms						
7-5 breeding (copulating, laying)						
7-6 flying (direction, time passing)						
7-7 flying height (Low Medium High)						
<b>8 CONTROL</b>						
8-1 pesticide name & formulation						
8-2 application rate (l/ha or kg/ha)						
8-3 quantity (l)						
8-4 area treated (ha)						
8-5 ground or air						
8-6 estimated % kill						
<b>9 COMMENTS</b>						
	T=32c R.H: 29%	T=27c R.H.29%	T=28c R.H.24%	T=23c R.H.29%	T=25c R.H.42%	T=28c R.H.25% Spot coordinates

kc 99.03

Was a GPS used to determine locations? yes

Is a brief interpretation or analysis of the results included? no

Country: Pakistan / I.R. Iran

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