

~~SECRET~~

PROCEEDING OF FIFTH INDO-PAK LOCUST OFFICERS BORDER
MEETING HELD ON 24TH OCTOBER, 2007 AT 0830 HOURS (IST)/
0800 HOURS (PST) AT MUNABAO/KHOKHROPAR BORDER MEETING
POINT

The fifth border meeting of the year 2007 between the Locust Officers of India and Pakistan was held on 24th October, 2007 at Munabao/ Khokhropar border meeting point at 0830 hours (IST)/0800 hours (PST). Following Officers attended the meeting.

I N D I A

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|---|------------------|--|
| 1 | DR. R.M. SHUKLA | DEPUTY DIRECTOR (ENT)
LWO, <u>JODHPUR</u> |
| 2 | SHRI K. P. SINGH | DEPUTY DIRECTOR (ENGG)
LWO, <u>JODHPUR</u> |
| 3 | SHRI ANIL SHARMA | PLANT PROTECTION OFFICER (ENT)
LWO, <u>JALORE</u> |

P A K I S T A N

- | | | |
|---|------------------|--|
| 1 | MR. ZAFAR ALI | DIRECTOR (TECHNICAL)
<u>KARACHI</u> |
| 2 | MR. ABDUL SATTAR | ASSISTANT ENTOMOLOGIST (L)
<u>MIRPUR KHAS</u> |

LOCUST SITUATION IN INDIA

(1st September, 2007 to 30th September, 2007)

Scheduled short, distant and border desert locust surveys in the Scheduled Desert Area of India and adjacent Indo-Pak border were conducted by the Officers and staff of Locust Warning Organisation which revealed that India continued to remain free from any gregarious desert locust activity. However, a loose swarm comprising of yellow/grey adults probably escapees of population being controlled in Pakistan had infested various villages in Phalodi sub-tahsil of Jodhpur district. Control operation were initiated and an area of 225 ha has been cleared by using 225 kgs Malathion ULV. The area was kept under constant observation. On hopper emergence immediate control measures were started to control the gregarious hopper bands and an area of 21 ha was ~~marked~~ cleared by using 21 kgs Malathion 96% ULV. Stray solitary immature / mature desert locust population was observed at fourteen localities in the range of 50 to 5000 PSEM the details of which is given below. Soil moisture was not suitable for locust breeding along Indo-Pak border

S.No.	Date	District	Locality	Bearing	Population in PSKM
1	02-09-2007	Jodhpur	Ladha Singh ki dhani	273349-723531	5000
2	02-09-2007	-do-	Kishore Singh ki dhani	273252-723540	4000
3	02-09-2007	Muzra	Modera ki nadi	273151-722634	150
4	05-09-2007	Churu	Gumanda	280508-744037	75
5	06-09-2007	Palanpur	Lindabet	243236-711648	150
6	06-09-2007	Jaisalmer	Pochina	262086-701492	225
7	06-09-2007	-do-	Karda	262225-701300	450
8	06-09-2007	-do-	Lunar	263562-701561	500
9	06-09-2007	-do-	Dhanana	264346-701253	150
10	12-09-2007	Jodhpur	Durgadan ki dhani	273256-722626	300
11	19-09-2007	-do-	Kishore Singh ki dhani	273303-723521	200
12	19-09-2007	-do-	Mulva ki dhani	273142-723408	500
13	19-09-2007	-do-	Durgadan ki dhani	273256-722626	50
14	20-09-2007	-do-	Jabar Singh ki dhani	271647-715515	100

WEATHER

(a) Rainfall: Light to moderate rainfall has been reported from some parts of the scheduled desert area of India in the range of 0.1 to 66.0 mm. District wise number of localities and rainfall data are given below.

S.No.	District	Frequency of rainfall	Highest rainfall with date
1	Jodhpur	4	14.4 mm on 24-09-2007
2	Nagour	2	8.0 mm on 02-09-2007
3	Barmer	2	21.0 mm on 24-09-2007
4	Jaisalmer	3	13.0 mm on 25-09-2007
5	Palanpur	7	66.0 mm on 07-09-2007
6	Churu	7	61.0 mm on 06-09-2007
7	Phalodi	3	23.0 mm on 06-09-2007
8	Jalore	5	36.8 mm on 24-09-2007

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b) Wind direction:

Wind direction at 300 m remained SW to NE during the month.

LOCUST SITUATION IN PAKISTAN

(1st September, 2007 to 15th October, 2007)

Pakistan remained free from gregarious locust activity during the period under report. However, scattered mature/immature solitary adults ranging from 05-1050/ha. were observed in 85 localities of Bahawalpur, Rahim Yar Khan and overlapping areas of Uthal. A maximum population of 1050 adults/hectare was observed at Sapat Area (252906N-655251E) in Uthal on 26-09-2007 during the reporting period.

Region/Outposts	No. of Localities	Range of Population/ha	Place of Maximum Population	Date
<u>KARACHI</u>				
Uthal	22	50-1050	Sapat Area (252906N-655251E)	26-09-2007
<u>BAHAWALPUR</u>				
Bahawalpur	44	10-350	Sandhwa (284314N-721939E)	05-10-2007
Rahim Yar Khan	19	05-125	Mehrabwala (2756N-7110E)	11-09-2007

RAINFALL:

Hot and dry weather prevailed over the entire ^{desert area} during the reporting period except Rahim Yar Khan and Bahawalpur which received 04 mm and 40 mm of rains on 23-09-2007 and 24-09-2007 respectively.

FORECAST:

Desert locust activity is expected to decline in coming months in ~~the~~ both the countries because of prevailing low temperature in the desert area and seasonal movement of desert locust towards the winter/spring breeding areas. Hence strict vigilance on locust development in the Scheduled Desert Areas of India and Pakistan is required.

MISCELLANEOUS:

Fortnightly Desert Locust Situation Bulletins of both the countries were exchanged.

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VENUE OF THE NEXT MEETING

The 6th Border meeting of the year 2007 would be held at Khokhropar/Munabao border meeting point on 21st November, 2007 at 0800 hours (PST)/0830 hours (IST).

ACKNOWLEDGEMENT:

The Locust Officers of both the countries expressed their deep and sincere thanks to the BSF of India and Rangers of Pakistan for extending their full cooperation and support in arranging this meeting at India - Pakistan border point. The Pakistan delegates thanked Indian delegates for cordial welcome, hospitability and courteous dealing during the course of meeting.

PLACE : MUNABAO/KHOKHROPAR
DATE : 24TH OCTOBER, 2007

I N D I A

PAKISTAN

- 1 *R. M. Shukla*
24.10.07
DR. R. M. SHUKLA
DEPUTY DIRECTOR (ENT)
LWO, JODHPUR
- 2 *K. P. Singh*
24/10/07
SHRI K. P. SINGH
DEPUTY DIRECTOR (ENGO)
LWO, JODHPUR
- 3 *Anil Sharma*
24/10/07
SHRI ANIL SHARMA
PLANT PROTECTION OFFICER (ENT)
LWO, JALORE

- 1 *Zafar Ali*
ZAFAR ALI
DIRECTOR (ENT)
KARACHI
- 2 *Abdul Qadir*
24/10/07
ABDUL QADIR
ASSISTANT ENTOMOLOGIST (L)
MIRPURKHAS