



**PROCEEDING OF THE FOURTH BORDER MEETING BETWEEN THE
LOCUST OFFICERS OF PAKISTAN AND INDIA HELD AT KHOKHROPAR /
MUNABAO BORDER POINT 0800 HOURS (PST) / 0830 HOURS (IST) ON
THE 07th SEPTEMBER, 2007**

The fourth border meeting of the year 2007 between the Locust Officers of Pakistan and India held on 07th September, 2007 at Khokhropar / Munabao border point at 0800 hours (PST) / 0830 hours (IST). The following officers / officials attended the meeting: -

PAKISTAN

1. Mr. Zafar Ali. Director (Technical), Karachi
2. Mr. Abdul Sattar Asstt. Entomologist(L), Mirpur Khas

INDIA

1. Dr. R. M. Shukla Deputy Director (Ent) L.W.O. JODHPUR
2. Shri K.P. Singh Deputy Director (Engg.) L.W.O. BARMER
3. Shri Anil Sharma Plant Protection Officer L.W.O. JALORE

LOCUST SITUATION IN PAKISTAN
(1st AUGUST, 2007 to 31st AUGUST, 2007)

Pakistan remained free from gregarious locust activity during the period under report. However, scattered mature / immature solitary adults ranging from 2-500 / ha. were observed in 74 localities of Bahawalpur, Rahimyar Khan and Sukkur areas. A maximum population of 500 adults / ha. was observed at Bijnot Lunda (2806N-7139E) in Bahawalpur on 10-08-2007 during the reporting period. Isolated solitary hoppers of 1st to 4th instar over an area of 880 ha. were reported from Uthal area and were successfully controlled by consuming 880 liters of liquid pesticides.

Region/Outposts	No. of localities	Range of Population/ha	Place of Maximum Population	Date
<u>SUKKUR</u> Sukkur	09	16-115	Mather (2648N-6850E)	05-08-2007
<u>BAHAWALPUR</u> Bahawalpur	42	06-500	Bijnot Lunda (2806N-7139E)	10.08.2007
Rahimyar Khan	23	02-30	Orangewala (275005N-711043E)	23.08.2007

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For control Data wrote PAK vide ECLO7-154

RAINFALL:

Hot and dry weather prevailed over the entire region during the month of August, 2007. However, Karachi received 218 mm, Mithi 91.2 mm, Chhore 59.8 mm, Diplo 45 mm, Bahawalpur 30.2 mm, Panjgur 23 mm, Lasbela 13 mm and Pasni 1.3 mm during period under report.

CONTROL:

Hoppers of I to IV instars ranging from 1 skm to 15 skm reported in 12 localities of Uthal in an area of 880 ha. and were controlled by consuming 880 litres of liquid pesticides.

FORECAST:

The locust population may slightly increase in the locust breeding areas in the coming months due to continuous favourable ecological conditions and eastward seasonal movements. The entire desert area is being watched by the extensive regular locust surveys

LOCUST SITUATION IN INDIA
(1st AUGUST, 2007 to 31st AUGUST, 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 Organization which revealed that no gregarious desert locust activity was observed in scheduled desert area in India. However stray solitary immature / mature desert locust was observed at 11 localities in the range of 75 to 500 PSKM the detail 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.	06-08-2007	Jaisalmir	Dhanana	264417-701346	100
2.	06-08-2007	-do-	Lunar	264242-701847	150
3.	09-08-2007	Bikaner	Girrajsar	275424-723976	300
4.	09-08-2007	Jodhpur	Palri Sidha	263245-734096	250
5.	16-08-2007	Bikaner	Sewra	276080-723869	75
6.	16-08-2007	Jaisalmir	Dhanana	267350-702275	500
7.	17-08-2007	-do-	Lunar	267622-703080	500
8.	23-08-2007	Jodhpur	Somewala	282226-723312	250
9.	24-08-2007	Jaisalmir	Asutar	271110-701445	300
10.	24-08-2007	-do-	Shahgarh	270641-695504	150
11.	28-08-2007	-do-	Sutharwala	273259-711027	500

already received in Excel file

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WEATHER

a). Rainfall: Light to moderate rainfall has been reported from some parts of the scheduled desert area of India in the range of 0.2 to 100.5 mm. District wise number of localities and rainfall data area given below.

S. No.	District	Frequency of Rainfall	Highest rainfall with date
1.	Jodhpur	7	42.1 mm on 5-8-07
2.	Bikaner	3	30.2 mm on 29-8-07
3.	Barmer	12	28.0 mm on 23-8-07
4.	Jaisalmir	7	65.0 mm on 24-8-07
5.	Palanpur	12	57.0 mm on 5-8-07
6.	Churu	6	100.5 mm on 3-8-07
7.	Phalodi	5	9.0 mm on 6-8-07

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

FORECAST

Isolated desert locust activity is expected in pockets in summer breeding areas in both the countries due to favourable ecological conditions. Hence strict vigilance on locust development in the Scheduled Desert Areas is required in both the countries.

MISCELLANEOUS

1. Fortnightly desert locust situation bulletins were exchanged between the two delegates.
2. The delegates from both the countries agreed to hold the next Indo-Pak locust officers border meeting on 24th October, 2007 on account of Eid-ul-Fitr and Dusshara.

VENUE OF THE NEXT MEETING

The 05th border meeting of the year 2007 would be held at Munabao / Khokhropar border point on 24th October, 2007 at 0830 hours (IST) / 0800 hours (PST).

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ACKNOWLEDGMENT

The Locust Officers of both the countries expressed their deep and sincere thanks to the Rangers of Pakistan and the Border Security Force of India for extending their full cooperation and support in arranging this meeting at Khokhropar meeting Hall in Pakistan. The Indian delegates thanked to Pakistani delegates for cordial welcome, hospitality and courteous dealing during the course of meeting.

PLACE: Khokhropar (Pakistan) Meeting Hall.

Date: 07th September, 2007.

PAKISTAN

INDIA

1. 
(ZAFAR ALI)
Director (Technical)
Karachi

1. 
(DR. R. M. SHUKLA)
Deputy Director (Ent) LWO
Jodhpur

2. 
(ABDUL SATTAR)
Assistant, Entomologist (L)
Mirpur Khas

2. 
(SHRI K.P. SINGH)
Deputy Director (Engg.) LWO
Barmer

3. 
(SHRI ANIL SHARMA)
Plant Protection Officer (E) LWO,
Jalore