

**PROCEEDING OF THE FOURTH BORDER MEETING BETWEEN THE
LOCUST OFFICERS OF PAKISTAN AND INDIA HELD AT KHOKHROPAR /
MUNABAO BORDER POINT AT 0900 HOURS (PST) 0830 HOURS (IST) /
THE 01ST OCTOBER, 2009**

The fourth border meeting of the year 2009 between the Locust Officers of Pakistan and India held on 01st October, 2009 at Khokhropar / Munabao border point at 0900 hours (PST) / 0830 hours (IST). The following officers attended the meeting: -

PAKISTAN

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|----|-----------------------|--|
| 1. | Mr. M. Azam Khan | Deputy Director (Locust), Hqs
<u>KARACHI</u> |
| 2. | Mr. Ghulam Qadir Lund | Assistant Entomologist (Locust)
<u>MIRPUR KHAS</u> |
| 3. | Mr. Abdul Sattar | Assistant Entomologist (Locust)
<u>MIRPUR KHAS</u> |

INDIA

- | | | |
|----|-----------------------|---|
| 1. | Mr. K.P. Singh | Deputy Director (Engg)
LWO, <u>JODHPUR</u> |
| 2. | Mr. C.M. Meena | Asstt. Plant Protection Officer
LWO, <u>JODHPUR</u> |
| 3. | Mr. Pramod Kumar Gour | Technical Officer — I
LWO, <u>JODHPUR</u> |

**LOCUST SITUATION IN PAKISTAN
(01ST August, 2009 to 30th September, 2009)**

Pakistan remained free from gregarious locust activity during the period under report. However, scattered mature, solitary, adults ranging from 08-60/ hectare were observed in 50 localities of Bahawalpur, Rahimyar Khan, Sukkur and Mirpur Khas areas of Punjab and Sindh. A maximum population of 60 adults / hectare was observed at Kaki (275510N-711417E) on 18-09-2009 in Rahimyar Khan.

Region/Outposts	No. of localities	Range of Population/ha	Place of Maximum Population	Date
<u>KARACHI</u> Mirpur Khas	02	20-25	Islamkot (244151N-701030E)	17-09-2009
<u>SUKKUR</u> Sukkur	05	15-45	Matar (264572N-684347E)	06-09-2009
<u>BAHAWALPUR</u> Bahawalpur	06	08-16	Malahu Post (280714N-715454E)	20-08-2009
Rahimyar Khan	37	12-60	Kaki (275510N-711417E)	18-09-2009

WEATHER:

The range of day/night temperature fluctuation is high. Days are hot while the night temperature in the deep desert is quite low in the summer-monsoon breeding areas.

Light to heavy rainfall occurred in Sindh, Punjab and Balochistan during the reported period. Details are as under.

Date	Districts	Rainfall in mm.
17-08-2009	Karachi	12
24-08-2009	Bahawalpur	32
28-08-2009	Mirpur Khas	27
30-08-2009	Karachi	24
31-08-2009	Karachi	76
01-09-2009	Bahawalpur	28
02-09-2009	Khuzdar	05
07-09-2009	Rahimyar Khan	52
17-09-2009	Khuzdar	02

LOCUST SITUATION IN INDIA

(1st August, 2009 to 30th September, 2009)

Scheduled distant, cross country and border Desert Locust surveys in the Scheduled Desert Area of India and adjacent Indo-Pakistan border were conducted by the Officers and staff of Locust Warning Organization which revealed that India continued to remain free from gregarious Desert Locust activity. However solitary immature and mature adults were reported at few places as given below. Soil moisture was suitable for locust breeding in scheduled desert area.

S.No.	Date	District/circle	Coordinates	Population/ha.
1	28-08-2009	Barmer/Karnoniya-par	260510N-701933E	02 Adults
2	28-08-2009	Barmer/Modrdi	260529N-702203E	05 Adults
3	11-09-2009	Barmer/Sundra	261536N-702833E	07 Adults

WEATHER

a). **Rainfall:** Light to moderate rainfall has been reported from some parts of the scheduled desert area of India in the range of 0.4 mm to 131.4 mm. District wise rainfall data is given below.

S.No.	District	Frequency of rainfall	Highest rainfall with date
1	Jodhpur	04	47.8 mm on 27-08-2009
2	Bikaner	02	4.0 mm on 26-08-2009
3	Barmer	04	30.3 mm on 31-08-2009
4	jaisalmer	02	13.2 mm on 28-08-2009
5	Palanpur	03	52.0 mm on 29-08-2009
6	Phalodi	01	3.0 mm on 05-09-2009
7	Churu	09	20.5 mm on 16-08-2009
8	Jalore	02	25.2 mm on 27-08-2009
9	Nagaur	01	15.0 mm on 13-08-2009
10	Bhuj	04	131.4 mm on 30-08-2009

b) **Wind direction** Wind direction at 300 m remained SW to NE during the month of August to September 2009.

FORECAST:

Vegetation in some of the summer-monsoon breeding areas on both sides is going to dry but mostly it is green, therefore the chances of accumulation / shifting of the solitarious adults exist so far and strict vigilance in the next fortnight is required.

MISCELLANEOUS

Fortnightly Desert Locust situation bulletins were exchanged between the two delegates.

VENUE OF THE NEXT MEETING

The 05th border meeting of the year 2009 would be held at Munabao / Khokhropar border point on 22nd October, 2009 at 0830 hours (IST) / 0900 hours (PST).

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 Pakistan delegates for cordial welcome, hospitality and courteous dealing during the course of meeting.


Place: Khokhropar (Pakistan) Meeting Hall.

Date: 01st October, 2009

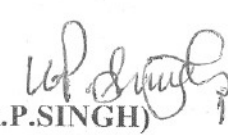
PAKISTAN

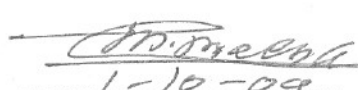

(M. AZAM KHAN)
Deputy Director (L) Hqs.
Karachi

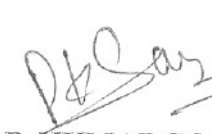

(GHULAM QADIR LUND)
Assistant Entomologist (L)
Mirpur Khas


(ABDUL SATTAR)
Assistant Entomologist (L)
Mirpur Khas

INDIA


(K.P.SINGH) 1-10-09
Deputy Director (Engg.)
Jodhpur


(C.M.MEENA) 1-10-09
Asstt. Plant Protection Officer
Jodhpur


(PRAMOD KUMARGOUR)
Technical Officer - J.
Jodhpur