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**PROCEEDING OF FIRST BORDER MEETING OF INDIA AND PAKISTAN LOCUST OFFICERS HELD ON 07<sup>TH</sup> JUNE, 2010 AT 0900 HRS (IST) / 0830 HRS (PST) AT MUNABAO / KHOKHROPAR BORDER MEETING POINT**

The First border meeting of the year 2010 between the Locust Officers of India and Pakistan was held on 07<sup>th</sup> June, 2010 at Munabao / Khokhropar border meeting point at 0900 hrs (IST) / 08300 hrs (PST). Following officers attended the meeting.

**INDIA**

- 1 Dr. S. P. Gupta, Deputy Director (Ento.), LWO, JODHPUR
- 2 Mr. K.P.Singh, Deputy Director (Engg), LWO, JODHPUR
- 3 Mr. C.M.Meena, Assistt. Plant Protection Officer, LWO, JODHPUR
- 4 Mr. Pramod Kumar Gour, SA-I, LWO, JODHPUR

**PAKISTAN**

1. Mr. Ghulam Qadir Lund, Assistant Entomologist (Locust), KARACHI
2. Mr. Abdul Sattar, Assistant Entomologist (Locust), MIRPUR KHAS

**LOCUST SITUATION IN INDIA:- (01<sup>st</sup> December, 2009 to 31<sup>th</sup> May 2010)**

Scheduled distant and cross country 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 India continued to remain free from solitary/gregarious Desert Locust activity.

**WEATHER**

**Rainfall:** Light to Moderate rainfall has been reported at Churu and Suratgarh of the scheduled desert area of India in the range of 1.4 mm to 4.4 mm.

**Wind direction:** Wind direction at 300 m remained SW to NE during the month of May, 2010.

**LOCUST SITUATION IN PAKISTAN (01<sup>st</sup> December, 2009 to 31<sup>st</sup> May, 2010)**

Pakistan remained free from gregarious locust activity. However, some mature solitary adults ranging from 1-25/hectare were observed in eight localities of Uthal, Turbat and Pasni areas in winter-spring breeding zone of Balochistan during the reporting period. A maximum population of 25 adults / hectare was observed at Jerai (253548N-664256E) in Uthal area on 23-04-2010.

Region / Outpost	No. of localities	Range of Population	Place of Maximum population	Date
<b><u>KARACHI</u></b> Uthal	04	1-25 ha	Jerai (253548N-664256E)	23-04-2010
<b><u>TURBAT</u></b> Turbat	02	1-2 ha	Bashooli (254248N-622521E)	08-03-2010
Pasni	02	1-2 ha	Romro (253258N-634247E)	25-02-2010

## WEATHER

Cold and dry weather prevailed in the entire locust breeding areas from December, 2009 to the end of January, 2010. After that the weather started to become hot and dry in the winter as well as summer breeding areas. Light to heavy rainfall occurred in Sindh, Punjab and Balochistan. Detail is as under: -

Region / Outpost	Frequency of rainfall	Range in mm.	Total rainfall in mm.	Date of highest rainfall
<b>KARACHI</b>				
Uthal	02	02-05	07	09-02-2010
Mirpur Khas	01	06	06	09-02-2010
<b>QUETTA</b>				
Quetta	11	02-66	142	10-12-2009
Khuzdar	07	02-13	40	13-05-2010
<b>TURBAT</b>				
Turbat	05	5-93	148	08-02-2010
Pasni	03	02-27	34	22-02-2010
Panjgur	04	04-29	52	08-02-2010
Gwadar	01	3.4	3.4	29-12-2009
<b>BAHAWALPUR</b>				
Bahawalpur	03	02-07	13	13-01-2010
<b>SUKKUR</b>				
Sukkur	02	02-18	20	09-02-2010

### FORECAST:

Due to hot temperature and low/trace rainfall on both sides, the vegetation is dry. Soil moisture is very deep. The prevailing conditions are therefore not suitable for further increase in the locust population. Since onset of monsoon and Phet cyclone rain locust population may increase.

### MISCELLANEOUS:

Fortnightly Desert Locust Bulletins for the reporting period of both countries were exchanged and discussed. A discussion on Tropical Cyclone "Phet" and its effect on locust activity was also made and decided to keep close vigilance if heavy rainfall occurs due to Cyclone. However keeping in view of Tropical cyclone "Phet" and early Monsoon, normal

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vigilance on locust activity in the Scheduled Desert Areas of both countries are continued and strict vigilance may require from July, 2010.

### VENUE OF THE NEXT MEETING

The second border meeting of the year 2010 would be held at Khokhropar / Munabao border point meeting hall (Pakistan side) on 7<sup>th</sup> July, 2010 at 0830 hours (PST) / 0900 hours (IST)


### ACKNOWLEDGEMENT

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

**PLACE:** Munabao (India) Meeting Hall

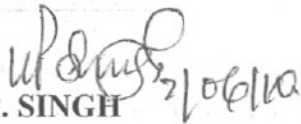
**DATE:** 07 June, 2010.

#### INDIA




07.06.2010

**Dr. S.P. GUPTA**  
Deputy Director (Ento.)  
LWO, JODHPUR



07/06/10

**Mr. K.P. SINGH**  
Deputy Director (Engg.)  
LWO JODHPUR



07/06/10


**Mr. C.M. MEENA**  
Assitt. Plant Protection Officer  
LWO, JODHPUR



07/06/10

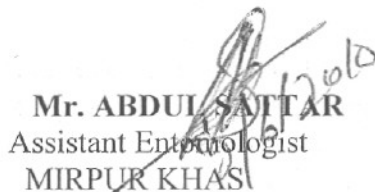
**Mr. PRAMOD KUMAR GOUR**  
Scientific Assistant-I  
LWO, JODHPUR

#### PAKISTAN



07/06/10

**Mr. GHULAM QADIR LUND**  
Assistant Entomologist  
KARACHI



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**Mr. ABDUL SATTAR**  
Assistant Entomologist  
MIRPUR KHAS