

PROCEEDING OF FIRST INDIA AND PAKISTAN LOCUST OFFICERS BORDER MEETING HELD ON 10<sup>th</sup> JUNE, 2009 AT 08.30 HRS (IST) / 09.00 HRS (PST) AT MUNABAO / KHOKHROPAR BORDER MEETING POINT (Indian Side)

The first border meeting of the year 2009 between the Locust Officers of India and Pakistan was held on 10<sup>th</sup> June, 2009 at Munabao / Khokhropar border meeting point at 08.30 hrs (IST) / 09.00 hrs (PST). Following officers attended the meeting.

INDIA

1. Shri K.P.Singh, Deputy Director (Engg), LWO, JODHPUR. ✓
2. Shri C.M.Meena. Asstt. Plant Protection Officer. LWO, JODHPUR ✓
3. Shri Pramod Kumar Gour, Technical Officer-I. LWO, JODHPUR ✓

PAKISTAN

1. Mr. M. Azam Khan, Deputy Director (Locust), KARACHI ✓
2. Mr. Ghulam Qadir Lund, Assistant Entomologist (Locust), MIRPUR KHAS ✓
3. Mr. Abdul Sattar, Assistant Entomologist (Locust), MIRPUR KHAS ✓

The Indian delegates warmly welcomed the Pakistani delegates. Introduction of both the delegation was made. After that a detail technical discussion and exchange of information and views regarding locust situation on both side was made. Fortnightly Desert Locust Bulletins were also exchanged.

LOCUST SITUATION IN INDIA (1<sup>st</sup> May, 2009 to 31<sup>st</sup> May, 2009)

Scheduled distant, cross country 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 India continued to remain free from gregarious as well as solitary Desert Locust activity. Soil moisture was not suitable for locust breeding in scheduled desert area.

WEATHER

- (a) Rainfall: Trace to Light rainfall has been reported from some parts of the scheduled desert area of India in the range of 2.0 to 10.6 mm. District wise rainfall data is given below:

S.No	District	Frequency of rainfall	Highest rainfall with date
1.	Jodhpur	1	8.0 mm on 29.5.09
2.	Nagaur	2	6.0 mm on 30.5.09
3.	Churu	3	10.6 mm on 21.5.09

- (b) Wind direction: Wind direction at 300 m remained NE to SW during the months of November 2008 to February 2009 and SW to NE during the month of March 09 to May 09.

## LOCUST SITUATION IN PAKISTAN (01<sup>st</sup> December, 2008 to 31<sup>th</sup> May, 2009)

Pakistan remained free from gregarious locust activity during the period under report. However, scattered mature / immature solitary adults ranging from 01-50/ ha. were observed in 40 localities of Uthal, Turbat, Panjgur, Kharan and Pasni areas of Balochistan. A maximum population of 50 adults/hectare was observed at Akarha (251244N-651524E) in Pasni area of Balochistan on 23-05-2009.

→ ENTIRE SPRING PERIOD

Region/Outposts	No. of localities	Range of Population/ha	Place of Maximum Population	Date
<u>KARACHI</u> Uthal	09	02-20	Jarai (25359N-664247E)	12-03-2009
<u>QUETTA</u> Kharan	11	01-25	Nalli (292240N-652620E)	13-05-2009
<u>TURBAT</u> Turbat	02	08-16	Shooli-II (253530N-620713E)	23-02-2009
Panjgur	16	01-10	Tash (261828N-635658E)	21-03-2009
Pasni	02	25-50	Akarha (251244N-651524E)	23-05-2009

Further, 2<sup>nd</sup> to 3<sup>rd</sup> instar hoppers were seen in an area of 10 hectare in scattered position in Dehdal area (2920N-6545E) of Nushki and were successfully controlled on 12-4-2009.

### RAINFALL:

Light to heavy rainfall occurred in Sindh, Punjab and Balochistan in the last winter/ spring season. Trace to light rainfall occurred afterwards, but now hot and dry weather going on over the entire region.

Districts	Frequency of Rainfall	Range in mm.	Date of highest rainfall occurred
Karachi	04	04 - 15	05-12-2008
Mirpur Khas	01	01	22-03-2009
Lasbela	04	1.7 - 54.4	07-12-2008

Bahawalpur	04	1.4 - 20	16-01-2009
Rahimyar Khan	01	27.8	16-01-2009
Quetta	05	07-25	16-01-2008
Nushki	03	02 - 12	05-1-2008
Khuzdar	04	04 - 37.2	08-12-2008
Turbat	04	01 - 27	17-12-2008
Pasni	03	01 - 36.2	18-12-2008
Panjgur	02	03 - 04	17-12-2008
Dalbandin	05	01 - 05	17-01-2009
Gwadar	02	3.9 - 27	17-12-2009

**FORECAST:** In the Winter-Spring as well as Summer-Monsoon breeding zone. The present ecological condition are not favourable for the Locust breeding. However strict vigilance is being maintained over the entire area to check any indigenous as well as exogenous locust activity.

**Summer Monsoon breeding zone** Fortnightly locust survey has been started in the Summer Monsoon breeding zone from 1<sup>st</sup> June 2009. Survey reports awaited. .

#### VENUE OF THE NEXT MEETING

It was unanimously decided that the 02<sup>nd</sup> border meeting of the year 2009 would be held at Khokropar / Munabao border point (Pakistan side) on 07<sup>th</sup> July, 2009 at 0900 hours (PST) / 0830 hours (IST)


#### ACKNOWLEDGMENT

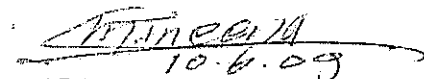
The Locust Officers of both the countries expressed their deep and sincere thanks to the Pakistan Rangers and the Border Security Force of India for extending their full cooperation and support in arranging this meeting at Munabao Meeting Hall on Indian side. The Pakistan delegates thanked to Indian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

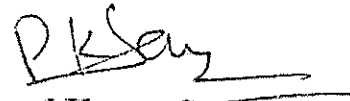
PLACE: Munabao (India) Meeting Hall

DATE: 10<sup>th</sup> June, 2009


INDIA


1.   
(K.P. SINGH)  
Deputy Director (ENGG)  
LWO JODHPUR


2.   
(C.M. Meena)  
Asstt. Plant Protection Officer  
LWO Jodhpur

3.   
(Pramod Kumar Gour)  
(Technical officer (I))  
LWO Jodhpur

PAKISTAN

  
(M. AZAM KHAN)  
Deputy Director (Locust)  
KARACHI

  
(GHULAM QADIR LUND)  
Assistant Entomologist (Locust)  
MIRPURKHAS

  
(Abdur Sattar)  
Assistant Entomologist (Locust)  
MIRPURKHAS