

**PROCEEDING OF THE FOURTH BORDER MEETING OF THE LOCUST OFFICERS OF INDIA AND PAKISTAN HELD AT MUNABAO/ KHOKHROPAR BORDER MEETING POINT (INDIA SIDE) AT 09.00 HRS (IST) / 08.30 HRS (PST) ON 26<sup>th</sup> SEPTEMBER, 2012**

The Fourth border meeting of the year 2012 between the Locust Officers of India and Pakistan was held on 26<sup>th</sup> September, 2012 at Munabao / Khokhropar (India side) border meeting point at 09.00 hrs (IST) / 08.30 hrs (PST). Following officers attended the meeting:

**INDIA**

- 1 Mr. A.K.Rai, Deputy Director (E), LWO, Jodhpur
- 2 Mr. Vageesh Pandey, PPO (Ento.), LCO, Barmer
- 3 Mr. B.R.Bohra Assistant Plant Protection Officer, LWO, Jodhpur
- 4 Mr. Pramod Kumar Gour, SA, LWO, Jodhpur

**PAKISTAN**

1. Mr. Muhammad Tariq Khan, Deputy Director (Quarantine /Locust) DPP, Hqs, Karachi.
2. Mr. Shams-ur-Rehman, Entomologist (Locust), Mirpurkhas
3. Mr. Abdul Sattar, Assistant Entomologist (Locust), Mirpurkhas
4. Mr. M. Shahbaz, Assistant Entomologist (Locust), Karachi

**LOCUST SITUATION IN INDIA:- (21<sup>st</sup> August to 21<sup>st</sup> September, 2012)**

Scheduled distant and cross country Desert Locust surveys in the Scheduled Desert Areas of India and adjacent Indo- Pak border were conducted by the officers and staff of the Locust Warning Organization which revealed that India continued to be remained free from Gregarious Desert Locust activity. However solitary mature desert locust adult population with density 10 locust/ hectare was observed at Rawla area (281800N-724835E) of Sri Ganganagar district on 18.9.2012.

**WEATHER**

**Rainfall:** Light to moderate rainfall has been reported from almost all parts of the scheduled desert area of India in the range of 1.2 mm to 89.0 mm. District wise rainfall recorded at district Hqrs. is mentioned below.

S.No	District	21 <sup>st</sup> August to 21 <sup>st</sup> September, 2012		
		Frequency of Rainfall	Date of the Highest rainfall	Highest rainfall (mm)
1.	Jodhpur	12	12.09.2012	39.1
2.	Phalodi	10	31.08.2012	21.0
3	Bikaner	10	05.09.2012	32.8
4	Suratgarh	06	29.08.2012	45.0
5	Jaisalmer	16	04.09.2012	14.7
6.	Barmer	10	04.09.2012	89.0
7.	Bhuj	12	13.09.2012	33.0

**Wind direction:** Wind direction at 300 m remained SW to NE during the month of August/Sept., 2012 and likely to continue during coming months.

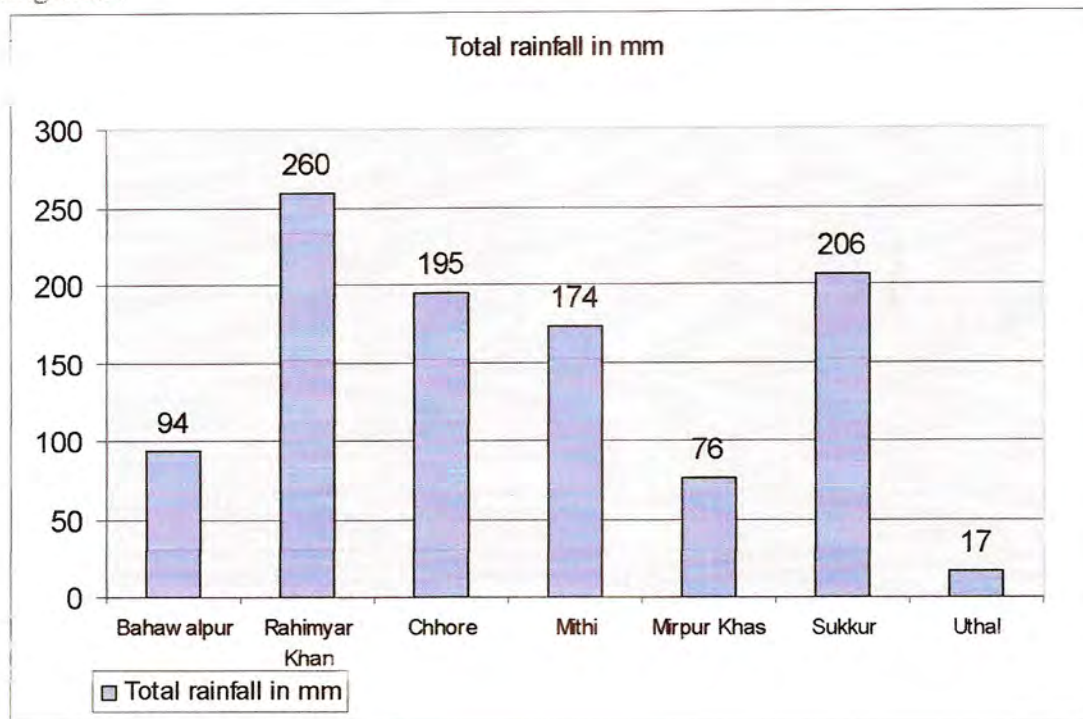
## **LOCUST SITUATION IN PAKISTAN**

**(16<sup>th</sup> August, 2012 to 23<sup>rd</sup> September, 2012)**

Pakistan remained free from gregarious locust activity during the reporting period. However, mature / immature solitary population ranging from 10-75 adults / hectare were observed in 17 localities of Rahimyar Khan and 03 localities of Bahawalpur area in Cholistan desert and 05 localities of Sukkur area in Tharparkar desert. A maximum population of 75 adults/hectare was observed at Rinhal area (28.20722N-71.95250E) in Bahawalpur on 23-09-2012.

## **WEATHER**

Hot weather prevailed all over the locust breeding areas of Pakistan. Light to heavy rainfall occurred especially in summer-monsoon breeding areas during the reporting period. The details of rainfall are shown in the following chart.



Vegetation was observed to be a mixture of greening / green both in Cholistan and Tharparker deserts. Soil moisture was found wet in all the surveyed areas.

## **FORECAST:**

Due to presence/growth of seasonal vegetation and soil moisture, the ecological condition have become favourable for development of desert locust population in the schedule desert areas including Indo-pak border areas. Therefore strict vigil is required to be kept over the desert areas of both sides of Indo-Pak border in coming months



## MISCELLANEOUS:

Fortnightly Desert Locust Bulletins with RAMSES map showing locust situation, green vegetation and rainfall estimation for the reporting period of both the countries were exchanged and discussed.

## VENUE OF THE NEXT MEETING

The Fifth Indo-Pak locust officers border meeting of the year 2012 will be held at Khokhropar / Munabao border point ( Pakistan side) on 11<sup>th</sup> October, 2012 at 08.30 hours (PST)/ 09.00 hours (IST).

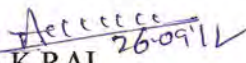
## ACKNOWLEDGMENT

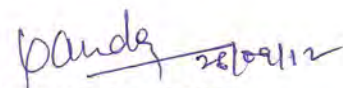
The Locust Officers of both the countries expressed their deep and sincere thanks to the Indian Border Security Force and the Pakistan Rangers for extending their full cooperation and support in arranging this meeting at Munabao Meeting Hall on Indian side. The Pakistan delegates thanked to Indian delegates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

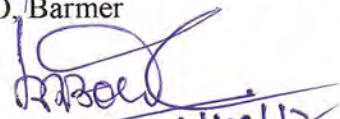
**PLACE:** Munabao (India) Meeting Hall

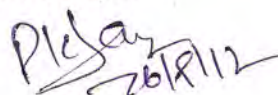
**DATE:** 26<sup>th</sup> September, 2012.

### INDIA

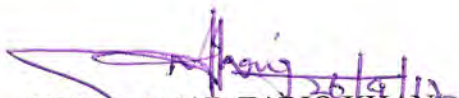
  
A.K. RAI  
Deputy Director (Ento.)  
LWO, Jodhpur


  
VAGEESH PANDEY  
Plant Protection Officer (Ento.)  
LCO, Barmer


  
B.R. BOHRA  
Asstt. Plant Protection Officer  
LWO, Jodhpur

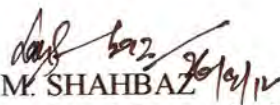
  
P.K. GAUR  
Scientific Assistant  
LWO, Jodhpur

### PAKISTAN

  
MUHAMMAD TARIQ KHAN  
Deputy Director (Quarantine / Locust)  
Karachi

  
SHAMS-UR-REHMAN  
Entomologist (Locust)  
Mirpurkhas

  
ABDUL SATTAR  
Assistant Entomologist (Locust)  
Mirpurkhas

  
M. SHAHBAZ  
Assistant Entomologist (Locust)  
Karachi