

PROCEEDING OF THIRD INDIA AND PAKISTAN LOCUST OFFICERS BORDER MEETING HELD ON 20th AUGUST, 2009 AT 08.30 HRS (IST) / 09.00 HRS (PST) AT MUNABAO / KHOKHROPAR BORDER MEETING POINT

The Third border meeting of the year 2009 between the Locust Officers of India and Pakistan was held on 20th August, 2009 at Munabao / Khokhropar border meeting point at 08.30 hrs (IST) / 09.00 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, Asstt. Plant Protection Officer, **LWO, JODHPUR**
- 4 Mr. Pramod Kumar Gour, Technical Officer-I, **LWO, JODHPUR**

PAKISTAN

1. Mr. M.Azam Khan, Deputy Director (Locust), Hqs **KARACHI**
2. Mr. Abdul Sattar, Assistant Entomologist (Locust), **MIRPUR KHAS**
3. Mr. Shahbaz, Locust Officer, Hqs **KARACHI**

LOCUST SITUATION IN INDIA

Scheduled distant, cross country and special border Desert Locust surveys in the Scheduled Desert Area of India and adjacent Indo- Pak border were conducted by the officers and staffs of Locust Warning Organization which revealed that India continued to remain free from gregarious Desert Locust activity. However Solitarious 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	21.7.2009	Barmer/Lalpura	244214-710522	7 Nos
2	-do-	Barmer/Janpaliya	250421-705437	15 -do-
3	-do-	Barmer/J.K.B.	245857-705531	9-do-
4	23.7.2009	Barmer/Timoi	254328-703659	13-do-
5	-do-	Barmer/Gadra Road	254530-703824	2-do-
6	-do-	Barmer/Tamlor	254213-703136	6-do-
7	24.7.2009	Barmer/Rohidi	255117-700942	2-do-
8	25.7.2009	Barmer/Khabdala	260458-703259	3-do-
9	26.7.2009	Barmer/Bariyada	262454-711312	2-do-
10	27.7.09	Barmer/Sangta	253344-714056	1-do-
11	23.7.09	Bikaner/Motigarh	-----	3-do-
12	-----	Jaisalmer/Godhewala	273527-703443	2-do-
13	-----	Jaisalmer/Sonkada	264719-793912	1-do-
14	27.7.09	Palanpur/Limbadabet	243055-711504	3 to 5 -do-

WEATHER

Rainfall: Light to Moderate rainfall has been reported from some parts of the scheduled desert area of India in the range of 0.1 mm to 60.0 mm. District wise rainfall data is given below.

S.No	District	Frequency of rainfall	Highest rainfall with date
1.	Jodhpur	6	45.9 mm on 18.7.2009
2.	Bikaner	10	52.2 mm on 18.7.2009
3.	Barmer	9	41.5 mm on 24.7.2009

4	Jaisalmer	6	3.8 mm on 15.7.2009
5	Palanpur	18	60.0 mm on 10.7.2009
6	Phalodi	4	25.0 mm on 25.7.2009
7	Churu	13	11.5 mm on 2.7.2009
8	Jalore	13	45.4 mm on 10.7.2009
9	Nagaur	6	17.0 mm on 21.7.2009
10	Bhuj	12	52.0 mm on 24.7.2009

Wind direction: Wind direction at 300 m remained SW to NE during the month of July, 2009.

LOCUST SITUATION IN PAKISTAN (1st July, 2009 to 15th August, 2009)

Pakistan remained free from gregarious locust activity during the period under report. However, scattered mature / immature solitary adults ranging from 01-100/ ha. were observed in 37 localities of Bahawalpur, Rahimyar Khan, Sukkur and Mirpur Khas reas of Punjab and Sindh. . A maximum population of 100 adults / hectare was observed at Kirwaro (264218N-684337E) on 29-07-2009 near Sukkur, Sindh.

Outposts	No. of localities	Range of Population/ha	Place of Maximum Population	Date
BAHAWALPUR	06	01-25	Jarai (25359N-664247E)	08-08-2009
RAHIMYAR KHAN	11	01-40	Gunain Wala (274557N-705817E)	10-08-2009
SUKKUR	16	01-100	Kirwaro (264218N-684337E)	29-07-2009
MIRPUR KHAS	04	01-03	Islamkot (244151N-701030E)	23-07-2009

RAINFALL:

Hot and humid weather prevailed over the entire region during the reporting period. Light to heavy rainfall occurred in Sindh, Punjab and Balochistan during the reported period.

Date	Locality	Rainfall in mm
03-07-2009	Bahawalpur	13
04-07-2009	Mirpur Khas	04
11-07-2009	Khuzdar	04
15-07-2009	Khuzdar	13
17-07-2009	Karachi	04
18-07-2009	Chhore	14
19-07-2009	Karachi	205
	Chhore	17
	Sukkur	11
	Rahimyar Khan	07
	Lasbela	02
20-07-2009	Karachi	08
	Lasbela	06
	Pasni	02
23-07-2009	Chhore	47
24-07-2009	Chhore	29
	Karachi	18

	Bahawalpur	02
25-07-2009	Chhore	63
	Bahawalpur	19
	Lasbela	04
26-07-2009	Khuzdar	12
	Bahawalpur	01
12-08-2009	Khuzdar	11
15-08-2009	Khuzdar	35

FORECAST:

Due to recent rainfall on both sides, the vegetation have become green and suitable soil moisture is available in summer breeding areas, hence the scattered solitary locust may further concentrate and strict vigilance on locust activity in the Scheduled Desert Areas of both countries is being maintained.

MISCELLANEOUS:

Fortnightly Desert Locust Bulletins for the reporting period of both countries were exchanged.

VENUE OF THE NEXT MEETING

The Fourth border meeting of the year 2009 would be held at Khokropar / Munabao border point (Pakistan side) on 30th September, 2009 at 0900 hours (PST) / 0830 hours (IST)

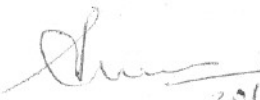
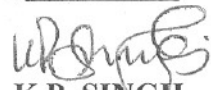
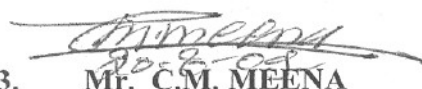
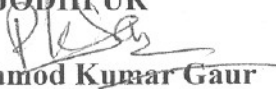
ACKNOWLEDGMENT

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 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: 20th August, 2009.

INDIA

1. 
20/08/09
Dr. S.P. GUPTA
Deputy Director (Ento.)
LWO, **JODHPUR**
2. 
Mr. K.P. SINGH
Deputy Director (Engg.)
LWO **JODHPUR**
3. 
20-8-09
Mr. C.M. MEENA
Asstt. Plant Protection Officer
LWO, **JODHPUR**
4. 
Mr. Pramod Kumar Gaur
Technical officer (I)
LWO **Jodhpur**

PAKISTAN

1. 
M. AZAM KHAN
Deputy Director (Locust) Hqs
KARACHI
2. 
20/08/09
ABDUL SATTAR
Assistant Entomologist
MIRPUR KHAS
3. 
SHAHBAZ
Locust Officer
KARACHI