

## Proceedings of the 4th Indo-Pak border meeting held on 7<sup>th</sup> September, 2005 at Khokhropar / Munabao Border meeting point

The 4th Indo-Pak border meeting of the year 2005 between the locust officers of India and Pakistan was held on 7<sup>th</sup> September, 2005 at Khokhropar / Munabao Border meeting point at 0800 hours (IST)/ 0730 hours (PST). Following officers / officials participated in the meeting:

### Pakistan

S. No.	Name of the Officer/ Officials	Designation
1	Mr. Zafar Ali	Deputy Director(HQ) Karachi
2	Mr. Syed Akhlaq Hussain	Entomologist (L), Mirpurkhas
3	Mr. Bashir Muhammad	Assistant Entomologist (Locust), Karachi

### India

S. No.	Name of the Officer/ Officials	Designation
1	Shri A.K. Bandhyopadhyay	Deputy Director (Ent.), LWO Jodhpur
2	“ K.P. Singh	Deputy Director (Engineering), LWO Jodhpur
3	“ Anil Sharma	Assistant Plant Protection Officer, LWO Jodhpur

**Locust Situation in Pakistan** (1<sup>st</sup> July, 2005 to 31<sup>st</sup> July, 2005): Routine fortnightly locust surveys in the summer breeding areas were undertaken by the Field Locust Officers and staff of the locust outposts during the reported period. The survey reports revealed no gregarious locust activity in the scheduled desert areas. However, scattered solitary mature adults were observed around 36 localities of Tharparkar, Nara, Cholistan and Lasbela deserts.

Region wise details of solitary adult population recorded during the survey are given below:

Region/outposts	No. of localities	Range of population / ha	Place of maximum population	date
<b><u>Karachi</u></b>				
Mirpurkhas	3	6-12	Islamkot (2438N-7012E)	05.8.2005
Uthal	5	2-8	Kund Malir ( 2523N-6524E)	25.8.2005
<b><u>Bahawalpur</u></b>				
Bahawalpur	9	25-75	Bhorewala (2835N-7213E)	10.8.2005
Rahim Yar Khan	13	3-19	Kandera Toba (2754N-7050E)	08.8.2005
<b><u>Sukkur</u></b>				
Sukkur	6	7-50	Poharo (2642N-6905E)	08.8.2005

**Weather:** Hot and humid weather prevailed over the locust breeding areas during the first fortnight of August. Light to Medium rainfall occurred in summer breeding areas. Detail of rainfall is as under:

District	Frequency of rainfall	Range in mm	Date where highest rainfall occurred
Sukkur	2	17.0-29.0	06.07.2005
Rahim Yar Khan	3	14.0	28.7.2005
Bahawalpur	2	1.0-42.0	06.07.2005
Karachi	2	1.3-1.6	16.7.2005
Uthal	1	7.0	05.07.2005
Chhore	4	1.7-58.0	30.7.2005
Khuzdar	8	1.0-16.0	08.7.2005

**Locust situation in India** (1st August,2005 to 31st August,2005) : Scheduled short, distant and border locust surveys in scheduled desert area of India and adjacent Indo-Pak border were conducted by the officers and staff of Locust Warning Organisation (LWO) which revealed that India continued to remain free from gregarious locust activity. However, isolated solitary desert locust adult population was observed in 27 localities in the range of 1 per hectare to 20 per hectare, the maximum population being observed at Khyalla Math (261795N-701679E) on 26.08.2005. Soil moisture was not suitable for locust breeding along Indo-Pak border in the districts of Bikaner, Barmer, Jaisalmer and Palanpur.

**Achievements of special border survey:** Special border desert locust surveys were conducted from 22<sup>nd</sup> to 29<sup>th</sup> August,2005 as decided in the 3<sup>rd</sup> Indo-Pak Locust Officer meeting and isolated desert locust population was observed in 5 localities in the range of 1 per hectare to 20 per hectare.

**Weather:**

- a) **Rainfall:** Light to heavy rainfall has been reported from some parts of the scheduled desert areas of India in the range of 0.2 to 38.8 mm. District-wise number of localities and rainfall data are given below:

S. No.	District (HQ)	Frequency	Rainfall in mm	Place and date where highest rainfall occurred
1.	Jodhpur	8	0.2 to 38.8	Jodhpur on 02.8.2005
2.	Bikaner	4	0.4 to 3.0	Kolayat on 02.8.2005
3.	Barmer	4	0.6 to 14.9	Barmer on 02.8.2005
4.	Jaisalmer	1	2.2	Jaisalmer on 02.8.2005
5	Churu	3	1.2 to 11.0	Churu on 01.8.2005

- b) **Wind direction:** Wind direction at 300 m remained **South West to North East** during August, 2005.

**Forecast:** Due to wide spread rains, the field conditions have become conducive for desert locust breeding in the summer breeding areas of India and Pakistan, hence small scale patchy breeding is expected in both the countries. Accordingly, strict vigilance is required in both the countries.

**Miscellaneous:**

- 1 Fortnightly Desert Locust Situation Bulletins of India and Pakistan were exchanged.

- 2 Results of the first special border survey under FFAO assistance were discussed in the light of prevailing locust situation in both the countries.
- 3 Both the delegates have agreed to undertake the 2<sup>nd</sup> special border survey under FAO assistance programme with effect from 20<sup>th</sup> to 28<sup>th</sup> September, 2005 by deputing several teams. The results of the surveys will be exchanged in the next border meeting.
- 4 Pakistani delegates informed that in order to keep close watch over the locust movement **10 sub outposts have been established** at different locations of the summer breeding areas.

**Venue of the next meeting:** The 5<sup>th</sup> border meeting of the year 2005 would be held at Munabao / Khokhropar on 04<sup>th</sup> October, 05.

**Acknowledgement:**

Locust officers of both the counties expressed their deep and sincere thanks to the Rangers of Pakistan and BSF of India for extending their full cooperation and support in arranging the meeting at Khokhropar meeting hall in Pakistan side. The Indian delegates thanked to the Pakistan delegates for cordial welcome, hospitality and courteous dealing during the course of meeting.

Place : Khokhropar (Pakistan) meeting hall  
Date : 07<sup>th</sup> September, 2005

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