

PROCEEDING OF FIRST INDO-PAK LOCUST OFFICERS BORDER
MEETING HELD ON 07TH JUNE, 2007 AT 0830 HRS (IST) /
0800 HRS (PST) AT MUNABAO/KHOKHROPAR BORDER MEETING
POINT

The first border meeting of the year 2007 between the Locust Of India and Pakistan was held on 07th June, 2007 at Munabao/Khokhropar meeting point at 0830 hrs (IST)/0800 hrs (PST). Following Officers after the meeting

INDIA

- | | | |
|---|------------------------|---|
| 1 | Shri A.K Bandyopadhyay | Deputy Director (Ent) LWO
<u>JODHPUR</u> |
| 2 | Shri K.P Singh | Deputy Director (Engg) LWO
<u>JODHPUR</u> |
| 3 | Shri Anil Sharma | Assistant plant protection
Officer, LWO <u>JODHPUR</u> |

PAKISTAN

- | | | |
|---|---------------------|--|
| 1 | Mr. Zafar Ali | Director (Tech.) <u>KARACHI</u> |
| 2 | Syed Akhlaq Hussain | Entomologist (Locust)
<u>MIRPUR KHAS</u> |
| 3 | Mr. Asaul Sattar | Assistant Entomologist (I)
<u>MIRPUR KHAS</u> |

LOCUST SITUATION IN INDIA

(01st November, 2006 to 31st May, 2007)

Scheduled distant, cross country and border locust surveys in t Scheduled Desert Area of India and adjacent Indo-pak border were conduct by the Officers and staff of Locust Warning Organisation which revealed that India continued to remain free from any solitarious/gregarious dese locust activity except that the Indian BSF authorities reported infiltra of desert locust swarms from across the west on 26/4/07. The swarms were reported settled in Kharla, NKT, BKT and Bachhiachore - Lungtala areas o district Jaisalmer (Rajasthan) due to violent whirlwind followed by thunderstorms on 23/4/07. The survey of the area revealed the presence of 03rd to 05th instars yellow hoppers (50 to 60 numbers per bush at Kharla BOP and Bachhiachore) and countless population of freshly fledged adults alongwith yellow and grey colour adults of later stage in the above two localities of district Jaisalmer (Rajasthan). Control operations were

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undertaken immediately in the areas and 290 ha. area was cleared using 290 kgs of Malathion 96% ULV^{lv} in twenty two localities. The control operations were concluded on 6/5/07. Intensive locust surveys are in progress in the locust prone areas along with Indo-Pak border to detect any immigrating population from west into India. Soil moisture is suitable for locust breeding along Indo-pak border in the districts ~~in the districts~~ of Bikaner, Barmer, Jaisalmer, Jalore, Palanpur and Bhuj. ~~border in the~~

WEATHER

a) Rainfall: Light to heavy rainfall has been reported from the Scheduled Desert Area of India in the range of 0.3 to 81.1 mm. Circle wise rainfall data are given below :

S.No.	Circle	Frequency of rainfall	Range in mm.	Date of highest rainfall
1	Jodhpur	9	0.4 to 23.7	1-3-2007
2	Bikaner	9	1.1 to 81.1	11-2-2007
3	Jaisalmer	8	0.4 to 24.8	11-2-2007
4	Phalodi	7	2.0 to 31.0	28-2-2007
5	Nagour	5	2.0 to 29.0	28-2-2007
6	Jalore	2	2.4 to 10.8	11-2-2007
7	Churu	13	0.3 to 20.6	11-2-2007

b) Wind direction: Wind direction at 300 m remained NE to SW during the months from November, 06 to February, 2007 at SW to NE from March, 2007 to May, 2007

LOCUST SITUATION IN PAKISTAN (01 December, 2006 to 31st May, 2007)

During routine survey few solitary scattered adults were observed in February but suddenly on April, 2007 an infiltrated yellow swarm settled in an area of 80 ha. was located by the locust survey team at Hub Goth (2527N-6439E) along with coast in Ormara on 14-4-2007 and was successfully controlled by consuming 50 litres of Diazinon 90% ULV.

Severe locust infestation was observed along with coastal Highway in Pasni, Ormara and Uthal area of Balochistan. Locust population infiltrated from across and breed in the area settled where emergence of hoppers took place in those areas. Control operation against locust adults and hopper was started from 24-4-2007 in Pasni and Ormara by Airblast sprayer fitted on vehicles and area of 916 ha. was cleared by consuming 1486 liter of pesticides.

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Similarly, high concentration of locust population was reported from 1 area. Control operation was undertaken from 6-5-2007 and an area of 1: has been cleared by consuming 1529 liters of pesticides.

Scattered mature solitary adults population observed as follow

Region/Outposts	No. of Localities	Range of Population/ha	Place of Maximum Population	Date
<u>KARACHI</u> Uthal	96	1 - 10000	Phore Area (2529N-6604E)	30-5-2007
<u>TURBAT</u> Turbat	11	2 - 100	Bakri (2525N-6310E)	18-2-2007
Pasni	49	1 - 30	Machi (2521N-6254E)	04-05-2007
Panjgur	05	1 - 05	Jath (2723N-6503E)	12-4-2007
<u>QUETTA</u> Kharan	03	05 - 4000	Haji Chah (2825N-6506E)	23-5-2007

RAINFALL:

Cold and dry weather prevailed over the entire locust breeding areas till March, 2007 after that the weather started to become hot. However, light to heavy rainfall occurred in locust breeding areas from December, 2006 to May, 2007. Detail report in accordance with quantum of rainfall is as under :

Localities	Frequency of Rainfall	Range in mm.	Total rain mm.	Date where highest rainfall occurred.
KARACHI	5	03 - 53	154 . 4	20-03-2007
LASBELA	4	02 - 29.2	58 . 7	04-12-2006
CHHOREM	5	2.1- 12.6	32 . 4	12-03-2007
BAHAWALPUR	10	03 - 13.6	83.1	10-2-2007
RAHIMYAR KHAN	6	10.2 - 15	72.9	09-2-2007
SUKKUR	3	01 - 20.3	38.7	28-2-2007
QUETTA	18	01 - 21	111.5	04-12-2006
KHUZDAR	09	1.2 - 32.8	104.2	04-12-2006
KHARAN	03	10-25	50	02-12-2006

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Localities	Frequency of Rainfall	Range in mm	Total rain mm	Date where high rainfall occur:
NOUSHI	2	22 - 26	48	02-12-2006
DALBANDIN	10	1.2 - 23.3	63.8	05/12/2006
TURBAT	05	3.5 - 66	103.5	02/12/2006
PASNI	04	1.2 - 53	68	19/03/2007
PANJGUR	04	2-13	24	04/12/2006
GAWADAR	03	01-33	40	19/03/2007
JIWANI	02	03-15.7	18.7	19/03/2007

FORECAST: In view of alarming desert locust situation in Eritrea, Sudan, Yemen and Saudi Arabia along the Red coast and scattered locust population in the spring breeding areas in SWAC countries desert locust activity is expected to rise in pockets in summer breeding areas in both the countries due to favourable ecological conditions, hence strict vigilance on locust development in the Scheduled Desert Areas of both the countries are being maintained.

MISCELLANEOUS:

1. Fortnightly Desert Locust Situation Bulletins of both the countries were exchanged.

VENUE OF THE NEXT MEETING

The 2nd Border meeting of the year 2007 would be held at Khokhropar/Munabao meeting point on 07th July at 0800 hrs (PST)/0830 hrs (IST).

ACKNOWLEDGEMENT:

The Locust Officers of both the countries expressed the deep and sincere thanks to the BSF of India and Rangers of Pakistan for extending their full cooperation and support in arranging this meeting at India-Pakistan border point. The Pakistan delegates thanked Indian delegates for cordial welcome, hospitality and courteous dealing during the course of meeting.

PLACE : MUNABAO / KHOKHROPAR
DATE : 07TH JUNE, 2007

I N D I A

1. SHRI A.K BANDYOPADHYAY
Deputy Director (Ent) LWO
JODHPUR
2. SHRI K.P SINGH
Deputy Director (Ent) LWO
JODHPUR
3. SHRI ANIL SHARMA
ASST. PLANT PROTECTION OFFICER, LWO
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PAKISTAN

1. ZAFAR ALI
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