

**Proceedings of EXTRA ORDINARY Indo-Pak border meeting held on 7<sup>th</sup> December, 2005 at Munabao / Khokhropar border meeting point**

As per the decision taken during 6th Indo-Pak border meeting, the EXTRA ORDINARY border meeting between the locust officers of India and Pakistan was held on 7<sup>th</sup> December, 2005 at **Munabao / Khokhropar border meeting point** at 0830 hours (IST)/ 0800 hours (PST). Following officers / officials participated in the meeting:

**India**

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

**Pakistan**

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

**Locust situation in India** (1st November, 2005 to 05<sup>th</sup> December, 2005): Scheduled short, distant and border desert locust surveys in the Scheduled Desert Area (SDA) of India and adjacent Indo-Pak border were conducted by the officers and staff of Locust Warning Organisation (LWO) which revealed no desert locust population in Barmer and Palanpur. Control operations continued on large scale against 4<sup>th</sup> and 5<sup>th</sup> instar hopper bands and pink swarms in Jaisalmer, Bikaner and Jodhpur districts up to 5<sup>th</sup> December, 2005 which was a result of egg laying by the swarms which entered across the border in Raichandwala and adjacent areas during September, 05. One large swarm of 4X2 Sq.Km which entered across the border from Islamgarh area of Pakistan to India side on 27<sup>th</sup> November, 2005 over Sangram BOP near Sultana area was controlled. So far 9451 hectares area has been cleared in above districts using 6807 Kgs Malathion ULV and 858 litres Fenitrothion ULV during the period under reference. Soil moisture was not suitable for locust breeding along Indo-Pak border in the districts of Bikaner and Palanpur except Jaisalmer district. Strict vigilance is continued for any pink swarm movement and its control.

**Weather:**

- a) **Rainfall:** No rainfall occurred during the month under report.
- b) **Wind direction:** Wind direction at 300 m remained variable during the month

**Locust Situation in Pakistan** (1st November, 2005 to 03<sup>rd</sup> December, 2005): The areas of Nara, Tharparkar and Lasbela deserts continued to remain free from locust activity during the month. In Cholistan desert immature swarms / groups were entered from across the eastern border and settled near border areas, which were successfully controlled by ground means. First pink group of 50 ha in size was noticed at Salamsar (275839N-715206E) on 11.11.2005. Four pink swarms / groups of fresh fliers totaling 190 ha in size entered from the east were detected at Chananwala ( 280114N-715218E), Nasand (275757N-714906E) and Gorara ( 280434N-712606E) areas from 12.11.2005 to 14.11.2005 in Bahawalpur areas. In Rahimyarkhan area pink group of 15 ha in size was controlled at Bedi Bawra (275118N-710653E) on 21.11.2005. Again 17 pionk groups of different sizes were controlled , 8 at Bedi Bawra (275118N-710653E), 4 at Umerkot ( 275267N-710955E), 2 at Orangwala (275011N-711044E) and one each at Kakki ( 275125N-711251E), Wako Toba ( 274904N-710358E) and Tohri Toba ( 274346N-710046E) from 24<sup>th</sup> to 30<sup>th</sup> November, 2005.

Besides, 11 hopper bands of 5<sup>th</sup> instar were controlled. A total of 1651 ha area consuming 1491 litres of Malathion 95% ULV and Diazinon 90% ULV upto 3<sup>rd</sup> December, 2005.

**SUMMARY OF CONTROL**

Control operations against swarms / swarmlets / groups of fresh fliers and hopper bands in the Cholistan desert were undertaken from 26.9.2005 to 03.12.2005 are tabulated below:

Area	Swarm / Swarmlets			Hopper bands			Groups of Fresh Fliers		
	No.	Area	Pest.	No.	Area	Pest.	No.	Area	Pest.
BAHAWALPUR	7	728	728	248	1349	1122	5	240	240
RAHIMYARKHAN	15	1135	1135	207	1329	1020	22	488	488
<b>TOTAL</b>	<b>22</b>	<b>1863</b>	<b>1863</b>	<b>455</b>	<b>2678</b>	<b>2142</b>	<b>27</b>	<b>728</b>	<b>728</b>

Total area cleared: 5269 ha. Total pesticides consumed: 4733 litres

**Weather:** cold and dry weather prevailed all over the locust breeding areas of Pakistan during reporting period.

**Forecast:** Escapees / persistent locust population from both the countries may migrate towards the winter / spring breeding areas of the region. Hence strict vigilance on locust development in the Scheduled Desert Areas is required in both the countries.

**Miscellaneous:**

- 1 Fortnightly Desert Locust situation bulletins from October to November, 2005 of both the countries were exchanged.
- 2 Both the delegates have emphasized that extensive locust surveillance should be continued to check and control the locust activity in their respective areas.
- 3 It was agreed by both the delegates to call the Radio Experts of both the countries in the First border meeting to be held on 7.6.2006.
- 4 Keeping in view the locust situation in the region, holding of Bilateral Meeting is essential. India may arrange the meeting as early as possible.

**Venue of the next meeting:** The 1st border meeting of the year 2006 would be held at Munabao / Khokhropar border point on 7<sup>th</sup> June, 2006 at 0830 hours (IST) / 0800 hours (PST) Indian side.

**Acknowledgement:**

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

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