

<i>Sl. No.</i>	<i>State/U.Ts.</i>	<i>Inland Fishermen</i>
1	2	3
22.	West Bengal	3,19,000
23.	Andaman & Nicobar Islands	—
24.	Arunachal Pradesh	—
25.	Chandigarh	100
26.	Dadar & Nagar Haveli	—
27.	Delhi	2,000
28.	Goa, Daman & Diu	—
29.	Lakshadweep	—
30.	Mizoram	—
31.	Pondicherry	6,138
Total		48,62,540

#### **Betel Research Institutes**

8200. SHRI HANNAN MOLLAH: Will the Minister of AGRICULTURE be pleased to state:

(a) the research institutions working on betel leaves in the country;

(b) the amount allocated and spent during last three years by Union Government on this research;

(c) the amount allocated and spent in West Bengal for such research; and

(d) the results achieved so far?

THE MINISTER OF STATE IN THE DEPARTMENT OF RURAL DEVELOPMENT IN THE MINISTRY OF AGRICULTURE (SHRI UPENDRA NATH VERMA):

(a) Sir, Under the all India Coordinated Research Project on betelwing the centres located in the following ten Institutions are working on betelvines in the country.

1. Indian Institute of Horticultural Research, Bangalore.
2. Rajendra Agricultural University, Delhi.
3. Bidhan Chandra Krishi Vishwa Vidyalays, Kalyani
4. Orissa University of Agriculture

- & Technology, Bhubaneswar
- 5 Assam Agricultural University, Jorhat
  - 6 Jawaharlal Nehru Krishi Vishwa Vidyalyaya, Rahuri
  - 7 Mahatama Phule Krishi Vishwa Vidyalyaya Rahur
  - 8 Tamil Nadu Agricultural University, Comibatore
  - 9 Andhra Pradesh Agricultural University Chinthalpudi
  - 10 National Botanical Research Institute Lucknow

(b) Rs 38 15 lakhs was allocated for three years (1987-88 to 1089 90) and the actual expenditure has been around to Rs 38 lakhs

(c) During that three years period in West Bengal Rs 4 45 lakhs has been spent against the allocation of Rs 4 62 lakhs

(d) Repeated diseases survey has been revealed that the phytophthora foot and leaf rot, anthrocnose and bacterial leaf spot are the most redomnent Besides these root knot nematode also causes serious damage alone or in combination with diseases Application of Bordeaux mixture as soil dranch (1%) at monthly and spray (0 5%) at fortnightly intervals, starting just before onset of monsoon, keeps all the three diseases under check Similarly, against root know nematode, application of neem cake @ 2 tonnes/ha year proved highly effective Soil solarization during summer months before planting the crop also proved highly effective in minimizing the initial disease Regorous screening for diseases resistance under artificial inoculation has shown that the Awanipan of Assam and Halishar Sanchi

from West Bengal have a high degree of resistance to diseases. Survey conducted over four year indicates that a number of insect pest and mites also infect the pan crop

Betelvine responds to upto 400 kg N/ha of Nitrogen and the organic sources help in the reduction of diseases damage and increase the yield Application of potash upto 50 Kg /ha is dificient soils was beneficial as it induces resistance to many disease

Many disease free plantations, have been established to supply healthy planting to cultivators

#### **Development of Howrah-Kharagpur Section of National Highway No 6**

201 SHRISATYAGOPAL MISRA Will the Minister of SURFACE TRANSPORT be pleased to state

(a) whether there is any plan for the improvement/development of Howrah-Kharagpur section of National Highway No 6 West Bengal during 1990-91 and

(b) if so, the details there of including the amount sanctioned therefor?

THE MINISTER OF SURFACE TRANSPORT (SHRI K P UNNIKRISHNAN) (a) and (b) Yes, Sir The Annual Plan 1990-91 contains a provision of Rs 225 00 lakhs for sanction of estimates for strengthening in Kms 99 to 106

#### **Postal Stamp in Memory of Saheed Khudiram Bose**

8202 SHRI SATYAGOPAL MISRA Will the Minister of COMMUNICATIONS be pleased to state

(a) whether his Ministry has taken any decision to release postal stamp in the