

अनुवाद की व्यवस्था है। यदि आवश्यकता पड़ी तो इस व्यवस्था को और मजबूत किया जायेगा।

(ग) ऐसी कोई शिकायत नहीं मिली कि किसी हिन्दी में आने वाले पत्रव्यवहार के उत्तर में देर हुई।

#### **New Antibiotics for controlling Plant Diseases**

**347. Shri C K. Bhattacharyya:**  
**Shrimati Savitri Nigam:**  
**Shri Sham Lal Saraf:**

Will the Minister of **Petroleum and Chemicals** be pleased to state:

(a) whether new antibiotics have been discovered at H.A.L. Factory, Pimpri which can control plant diseases; and

(b) whether their effect has been tested?

**The Minister of Petroleum and Chemicals (Shri Alagesan):** (a) and (b). As a result of research done in the Research Laboratory Pimpri, two new antibiotics which would be used for plant protection have been found. These are:

1. Aureofungin.—This is a new anti-fungal antibiotic found to be highly active against plant pathogenic fungi. Its action is said to be both fungicidal and fungistatic depending upon the concentration used. In its activity against paddy blast diseases Aureofungin has been found to be better than Blastomycin discovered in Japan. Aureofungin could also be used against fruit crop diseases as well, and it is expected that it might replace copper based and organic fungicides presently used in the country and which are produced mainly from imported materials like copper.

2. Streptocycline.—The Department of Agriculture (Ministry of F. A. C. D. & C) have launched a wide scale programme for cultivation of Taichung

Native-1 variety of paddy. Streptocycline has been found to be very effective in the treatment of seeds and control of bacterial blight of paddy.

It is proposed to meet the requirement of the Ministry of F.A.C.D. & C. (Department of Agriculture) in respect of Aureofungin and Streptocycline. Interest has also been shown by some foreign firms in USA.

#### **History of Freedom Movement**

**348. Shri A. N. Vidyalkar:** Will the Minister of Education be pleased to state:

(a) The progress so far made in the project of writing the history of freedom movement and 'who's who' of the freedom fighters;

(b) the reasons for the slow progress of the project;

(c) the expenditure incurred so far by the Centre and States separately; and

(d) the names of the volumes published so far?

**The Deputy Minister in the Ministry of Education (Shri Bhakt Darshan):** (a) Volume I of the History of the Freedom Movement in India was published in 1961; Volume II is in the press; and Volume III is under preparation. A statement showing the progress of work in each State, regarding the compilation of the Freedom Fighters' 'Who's Who' is placed on the Table of the House

(b) In view of the wide range of source materials—Government records, private papers, memoirs, contemporary newspapers, etc.—available on the subject and the need to give an objective account of the Freedom Struggle, the progress of work is not considered slow. The need is, however, felt for expediting it.

(c) A sum of Rs. 810,050 was spent by the Centre on the compilation of the History of the Freedom Movement till March, 1966. A statement