tubers. Cut tubers showed dark brown internal tissues. Re-isolations of the pathogen from inoculated tubers revealed the presence of the same fungus.

The maximum incidence of the disease on freshly harvested tubers of Kufri Jyoti was 22%. The disease seems to be favoured by high soil moisture and water logging conditions.

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20 *August* 1981

ANNOUNCEMENT

INDIAN NATIONAL SCIENCE ACADEMY MEDALS

Twenty young scientists were honoured with the Indian National Science Academy (INSA) awards for 1981 at the inaugural session of the Indian Science Congress in recognition of research work of 'exceptional work carried out by them in different branches of science and technology'.

Eighteen of the scientists were presented with the awards which carries a medal, Rs 5000/- cash and a citation each by the Prime Minister. This is the eighth year that the INSA is awarding young scientists below the age of 32. Two of the scientists were given the awards in absentia. The scientists would also be considered for an appropriate grant by the Academy.

Following are the names of scientists and their fields of research:

Dr. B. K. Chaudhuri, Magnetism Department, Indian Association for the Cultivation of Science, Calcutta: Dr. R. N. Chatterjee, Department of Zoology, University of Calcutta, for his work in the field of dosage compensation in drosophila chromosomes; Dr. U. C. Das, National Geophysical Research Institute, Hyderabad, for his work in developing computer programs in geoelectrical work; Dr. J. B. Joshi, Department of Chemical Technology, University of Bombay, for his work on analysis of multiphase contractors; Dr. Chittranjan Katti, Department of Mathematics, Indian Institute of Technology, New Delhi, for his work on the numerical analysis—investigation of finite difference methods and their convergence analysis for two point boundary value problems, Dr. B.D. Kulkarni, Chemical Engineering Division, National Chemical Laboratory, Pune, for his work on analysis of fluidising beds and multiplicity in reacting system; Dr. V. K. B. Kota, Physical Research Laboratory, Ahmedabad, for his work in the field of theoretical nuclear physics: Dr. A. C. Kunwar, Liquid Crystals Laboratory, Raman Research Institute, Bangalore, for his outstanding work on anabolic steroids and cholesterol-membrane interaction; Dr. (Mrs) Sukhada Mohandas, Indian Institute of Horticultural Research, Bangalor, for her studies on the agro-physiological impact of the allelopathic effects of parthenium hysterophorus; Dr. R. Nagendra, Department of Geophysics, Osmania University, Hyderabad, for his contribution in developing mathematical modelling in transient pulse electromagnetic methods; Dr. Prakash S. Nagarkatti, Department of Microbiology, Defence Research and Development Establishment, Gwalior, for his immunological work in the field of denue virus infection which has relevance to the development of a prophylactic vaccine; Dr. R. Nagaraj, Centre for Cellular and Molecular Biology, Regional Research Laboratory, Hyderabad, for his work on synthesis and mode of action of alamethicin: Mr. D. Pain, Department of Enzyme Engineering, Indian Institute of Chemical Biology, Calcutta, for his work on novel approach for the assay of receptors using enzyme ligands (hormones) interaction; Dr. S. M. Srivastava, Statistical Mathematics Division, Indian Statistical Institute, Calcutta, for his work in the field of measure theory-selection and representation theorems for measurable multifunctions; Dr. K. B. Sainis, Medical Division, Bhabha Atomic Research Centre, Bombay, for his studies on receptors on normal and leukamic lymphoetes; Dr. Kuldip S. Sidhu, Department of Zoology, Punjab Agricultural University, Ludhiana, for his contribution on the histo-chemistry and biochemistry of buffalo spermatozoa; Dr. R. D. Tripathi, Botany Department, University of Gorakhpur, for his studies on the isolation of compounds from flowering plants toxic to pathogenic fungi; Dr. K. P. R. Vittal, All-India Co-ordinated Research Project for dryland agriculture, Hyderabad, for development of a gamma probe technique for study of root activity; Dr. R. L. Yadav, Department of Agronomy and Soils, Central Institute of Medicinal and Aromatic Plants, Lucknow, for management techniques for improving the productivity of ratoon crops in sugarcane.