

in July 1987 have advised the State Governments on the directions that should be explored for diversifying the activities under the Integrated Rural Development Programme (IRDP) to make it more effective. It has been emphasised that non-traditional industries like horticulture and activities like vegetable growing, prawn and fish farming, tea cultivation etc. with strong forward and backward linkages should be encouraged. It is, however, too early to expect the response of State Governments.

Time Given to G.N.L.F. over AIR

152. SHRI PURNA CHANDRA MALIK:
SHRI BAJU BAN RIYAN:
SHRI ANANDA PATHAK:

Will the Minister of INFORMATION AND BROADCASTING be pleased to state:

(a) whether the G.N.L.F. has been given facilities to broadcast its tape-recorded messages daily over All India Radio Kurseong; and

(b) if so, since when and the number of such broadcasts made so far?

THE MINISTER OF STATE OF THE MINISTRY OF INFORMATION AND BROADCASTING (SHRI A.K. PANJA):
(a) No, Sir.

(b) Does not arise.

Use of Discarded Whey

153. SHRI C. MADHAV REDDI: Will the Minister of AGRICULTURE be pleased to state:

(a) the estimated quantity of cheese/paneer produced in the country and mode of its utilization;

(b) whether the discarded whey contains protein rich nourishing food called albumen;

(c) if so, whether any process has been developed in the country to utilise scientifically the albumen;

(d) whether it is a fact that the new technologies developed in USA, has shown recovery of albumen and biogas from discarded whey; and

(e) if so, the status of Research and Development in the above are in the country?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE: (SHRI YOGENDRA MAKWANA): (a) Current estimation of cheese production (Cheddar & Gouda) in India is about 3,000 metric tonnes per year. This does not include the production of Mozzarella Cheese. Large amount of paneer is made in small scale units in the country, but reliable data related to its production is still not available.

Most of the whey resulting from cheese and paneer manufacture in the country is discarded. However, some dairy plants utilize their whey by drying it for blending with skin milk. Some laboratory techniques have been developed at National Dairy Research Institute, Karnal to permit utilization of whey as human foods which include fermented beverages, whey protein concentrate, lactose, infant foods and weaning foods.

(b) Yes, Sir.

(c) Yes, Sir. The process has been developed to concentrate the albumen fractions at laboratory scale in NDRI at Karnal.

(d) It is a fact that new techniques have been developed in USA for the recovery of albumen to be used as one of the ingredients in the manufacture of various food products. However, no reliable information is available on the use of whey in biogas production.

(e) Although good amount of research

work has been done in India on the economical utilization of whey as human foods, there is an urgent need to conduct systematic studies on collection and utilization of whey available at cheese, paneer, casein, chhana and shrikhand manufacturing units in the country for use in manufacturing human foods.

Sale of Mother Dairy Milk

154. SHRI C. MADHAV REDDI: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that the Mother Dairy, Delhi is selling full cream milk of 6 per cent fat in pouches;

(b) if so, whether this conforms to the specifications laid down in PFA Rules;

(c) whether Government have received complaints about serious shortage of Mother Dairy full cream milk and irregularities in its sales by some of the private dealers appointed by Mother Dairy;

(d) if so, the action taken by Government thereon; and

(e) whether such distribution is proposed to be transferred to consumer cooperatives or retired military personnel or unemployed youth?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI YOGENDRA MAKWANA): (a) and (b). Yes, Sir.

(c) Due to severe drought conditions in neighbouring States and steep fall in the milk supply from the State Cooperative Dairy Federations, Mother Dairy, Delhi, had been able to market only about 50% of its normal supply of polypack milk during June, 1987. Due to this, there were few complaints, which were attended to.

(d) Since the fresh milk supply position

did not improve the sale of full cream milk was suspended from 16-7-1987.

(e) At present, there is no such proposal.

Development of New Pesticides

155. SHRI C. MADHAV REDDI: Will the Minister of AGRICULTURE be pleased to state:

(a) whether new pesticides are being developed which are a mixture of pheromones and insecticides;

(b) whether control of pink ball worm a pest of cotton crops has been achieved using pheromone gossyplure in the country;

(c) if so, the details thereof; and

(d) whether pheromones are now being commercially used in India?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI YOGENDRA MAKWANA): (a) Attempts are being made in some countries, on experimental basis, to use mixtures of insecticides and pheromones for suppression of crop pests.

(b) and (c). No, Sir. It is still in experimental stage. The operational field trials at Bhatinda and Coimbatore have, however, indicated a good potential of this chemical in the control of cotton Pink boll worm.

(d) There are certain reports that for the purpose of pest monitoring and mass-trapping of certain major pests of cotton, tobacco, pulses, and codling moth on apple, the pheromones have been used in field trials.

Commissioning of TV Transmitter at Kalpetta in Kerala

156. SHRI G.M. BANATWALLA: Will the Minister of INFORMATION AND BROADCASTING be pleased to state: