

seed, integrated nutrient management, integrated pest management, distribution of sprinklers sets, zero till seed drills / multi crop planter, rotavator, incentive for pump sets and training of farmers.

#### **Production of vegetables**

1739. DR. CHANDAN MITRA: Will the Minister of AGRICULTURE be pleased to state:

(a) whether the Indo-Israel Centre of Excellence for Vegetables, Gharonda, has developed certain new and hybrid varieties of various vegetables including tomato, capsicum and cucumber;

(b) if so, the details thereof; and

(c) the steps taken by Government to set up such small centres, across the country on the lines of Gharondha Unit for transfer of technology to farmers for ensuring increased production of vegetables in the country especially in Madhya Pradesh?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI TARIQ ANWAR) : (a) and (b) The Centre of Excellence for Vegetables, Gharonda under Indo-Israel Action Plan has been developed for demonstration of various production technologies, which includes performance of hybrid varieties of different vegetables like tomato, capsicum and cucumber for higher production and income per unit area. The mandate of the centre does not include development of new varieties.

(c) Under the Indo-Israel Action Plan (2012-15) the States of Haryana, Rajasthan, Gujarat, Punjab, Maharashtra, Karnataka, Bihar, Tamil Nadu and Uttar Pradesh have been identified for development of Centres of Excellence for transfer of technology to farmers for various horticulture crops, including vegetables.

#### **FMD Control Programme**

1740. DR. CHANDAN MITRA: Will the Minister of AGRICULTURE be pleased to state:

(a) the estimated annual loss in production of milk and meat due to Foot and mouth Disease (FMD), State-wise;

(b) whether Government proposes to expand the FMD Control Programme (FMD-CP) to certain more districts and if so, the details thereof, State-wise; and

(c) the steps taken by Government to expand FMD-CP all over the country in a phased and time-bound manner to totally eradicate this disease from the country?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI CHARAN DAS MAHANT) : (a) Foot and Mouth Disease (FMD) is one of the most economically devastating contagious viral animal diseases affecting all susceptible cloven-footed animals. As per the information received from the Indian Council of Agriculture Research (ICAR), annual direct loss due to FMD has been estimated at 20,000 crore per annum that includes drop in milk production and draft power. However, the state-wise loss due to Foot and Mouth Disease (FMD) has not been estimated.

(b) and (c) In order to prevent, control and contain the Disease in the country, Department initiated Foot and Mouth Disease Control Programme (FMD-CP) since 10th Five Year Plan Period in 54 districts which was extended to 221 districts in the 11th Five Year Plan covering all the districts of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Maharashtra, Goa, Gujarat, Punjab, Haryana, Delhi, Andaman and Nicobar Islands, Dadara and Nagar Haveli, Daman and Diu, Lakshadweep, Pondicherry and 16 districts in Uttar Pradesh. Vaccination of all eligible Cattle and Buffalo population against FMD using inactivated and trivalent FMD vaccine at six monthly intervals is envisaged under the programme.

The FMD control programme will be expanded during 12th Plan period so as to cover remaining districts in a phased manner taking into account vulnerability to FMD while maintaining contiguity, subject to overall availability of funds and sufficient vaccines. Till such time, all the districts in the country are brought under FMD-UP, need -based FMD vaccination are carried out under a centrally sponsored scheme of the Department i.e. 'Assistance to States for Control of Animal Diseases (ASCAD)'.

It is expected that with the implementation of planned control programme covering the whole country in a phased manner under FMD-CP, the vaccination will be gradually stopped and the disease brought controlled in entire country by the year 2025.