

New Institute for Temperate Fruits

3059. **PROF. NARAIN CHAND PARASHAR** : Will the Minister of **AGRICULTURE** be pleased to refer to the reply given to Starred Question No. 710 on 6 May, 1985 regarding production of fruits and vegetables and state :

(a) whether a new Institute of Temperate Horticulture and four national centres for the promotion of research in horticulture in the Seventh Five Year Plan have been sanctioned ;

(b) if so, the places where these have been opened, state-wise ;

(c) if not, the likely date for opening them alongwith estimated cost in each case ;

(d) the names of the four Central Research Institutes, four All India coordinated research projects and seven ad-hoc research schemes functioning at present ;

(e) the specific steps taken to promote the integrated development of horticulture industry ; and

(f) the outlay earmarked for research and development in horticulture for the years 1986-87, 1987-88 ?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI YOGENDRA MAKWANA) : (a) to (c). The previous question referred specifically to production of fruits and vegetables, while the question now asked covers entire horticulture. The proposal for expansion in horticulture research during VIIth Plan of the Indian Council of Agricultural Research covers establishment of two Central Institutes, 8 National Research Centres, one Project Directorate and one Coordinated Project. The names of the new units, proposed outlay for seventh plan and their locations are given in statement-I below.

Among the new units proposed, the Institute at Lucknow and three National Research Centres have been established as indicated in the Annexure. For the rest, separate task forces have been constituted to develop project proposals and suggest

suitable locations. Date of establishment in each case will depend on the availability of land and its acquisition from the State Government where these will be located.

(d) Central Research Institute on Horticulture :

1. Indian Institute of Horticulture Research, Bangalore.
 2. Central Institute of Horticulture for Northern Plains, Lucknow.
 3. Central Potato Research Institute, Shimla.
 4. Central Tuber Crops Research Institute, Trivandrum.
 5. Central Plantation Crops Research Institute, Kasaraged.
- All India Coordinated Research Projects on :

1. Fruits : This has now been split into three independent projects viz. (i) Sub-tropical and temperate fruits ; (ii) Tropical fruits and (iii) Arid fruits.
2. Tuber fruits.
3. Potato.
4. Vegetables.

Apart from these, 8 more Coordinated Projects are operating on other horticultural crops.

Ad-hoc Research Schemes :

There are Eleven Ad-hoc schemes operating on fruits and vegetables presently. The list is given in statement-II below :

(e) Various steps such as production and distribution of quality planting materials, distribution of minikits of improved varieties, laying out of demonstrations on improved agro-techniques, popularisation of plant protection and post-harvest operations etc. have been taken up for development of horticulture. State-governments, are also implementing a number of schemes for development of horticulture from the State Plan funds.

(f) Outlays earmarked for Research and Development.

	(Rs. in lakhs)	
	1986-87 (Approx)	1987-88 (Approx) (Proposed)
Research	1096.59	1376.74
Development	450.00	1094.00
Total	1546.59	2470.74

STATEMENT-I

OUTLAY FOR NEW UNITS FOR
HORTICULTURAL RESEARCH
DURING SEVENTH
PLAN PERIOD

S. No.	Name of Units	Proposed outlay (Rs. in lakhs)	Location
(1)	(2)	(3)	(4)
I. Central Institute			
2.	Central Institute of Horticulture for Northern Plains	175.00	Rehman-khera (UP)
2.	Central Institute for Research on Temperate Horticulture	50.00	to be decided
II. National Research Centres			
1.	National Research Centre for Citrus	75.00	Nagpur (MP)
2.	National Research Centre for Banana	50.00	To be decided
3.	National Research Centre for Arid Fruits	50.00	To be decided
4.	National Research Centre for Onion and Garlic	50.00	To be decided
5.	National Research Centre for Spices	100.00	Calicut (Kerala)
6.	National Research Centre for Cashew	100.00	Puthur (Karnataka)

(1)	(2)	(3)	(4)
7.	National Research Centre for Orchids	30.00	To be decided
8.	National Research Centre for Medicinal and Aromatic Plants	50.00	To be decided
III. Project Directorate			
	By upgrading the existing All India Co-ordinated Research Project on Vegetables	144.24	To be decided
IV. Coordinated Project			
	All India Co-ordinated Research Project on Tissue Culture of Horticulture Crops	40.00	To be decided

STATEMENT-II

LIST OF AD-HOC RESEARCH
SCHEMES ON FRUITS
AND VEGETABLES

S. No.	Name of scheme	Location
(1)	(2)	(3)
1.	Scheme for research on under and unutilised plants, winged beans.	Coimbatore (Tamil Nadu)
2.	Breeding garden peas resistant to powdery mildew	Jabalpur (Madhya Pradesh)
3.	Establishing Kartoli (Sweet Gourd) i.e. Memordica dioica L as a cultivated vegetable	Kosbad Hill (Maharashtra)
4.	Improvement of Kaghzi Lime by selection	Rahuri (Maharashtra)
5.	Developing agro-technology for production of quality papain from papaya	Rahuri (Maharashtra)
6.	Development of agro-techniques for cultivation of mango	Malda (West Bengal)
7.	Improvement of minor fruits grown in Konkan Region	Dapoli (Maharashtra)

(1)	(2)	(3)
8.	Development of technology to control post-Harvest losses of banana	Rahuri (Maharashtra)
9.	Rapid vegetative multiplication of female date-palm through tissue culture	Hissar (Haryana)
10.	Survey, collection, evaluation and standardization of Agro-techniques of Aonla (<i>Phyllanthus emblica L.</i>) Bael (<i>Aegle marmelos correa</i>) and Ber (<i>Ziziphus mauritiana Lam</i>) with reference to their cultivation in alkaline soil conditions	Faizabad (Uttar Pradesh)
11.	Investigation for maximisation of pineapple production in North Bengal	Kalyani (West Bengal)

Enhancement of Veterinary Facilities

3060. PROF. NARAIN CHAND PARASHAR : Will the Minister of AGRICULTURE be pleased to refer to the reply given to Unstarred Question No. 3496 on 19 March, 1984 regarding veterinary facilities in rural areas during the Sixth Plan and state :

(a) the number of veterinary dispensaries/hospitals sanctioned for each State during the financial year 1984-85 ;

(b) whether State Government had demanded any increase in this number during 1985-86 and 1986-87 and if so, the details thereof and the actual allotment made ; and

(c) the steps taken to ensure that the States open all the above said institutions allotted to them during the years 1985-86 and 1986-87 ?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI YOGENDRA MAKWANA) : (a) and (b). Veterinary hospitals and dispensaries are established by the States under state sector programmes. A statement showing state-wise anticipated achievements of such institutions during 1984-85, 1985-86 and targeted for 1986-87 is given below.

(c) The states make efforts to meet the annual targets taking into consideration the emergent resource situations during the course of the year.

STATEMENT

(1)	(2)	Veterinary Hospitals		Targets	Veterinary Dispensaries		Targets
		Anticipated Achievements			Anticipated Achievements		
		1984-85	1985-86	1986-87	1984-85	1985-86	1986-87
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	251	256	261	1036	1451	1451
2.	Assam	25	25	25	265	276	288
3.	Bihar	62	62	62	962	1056	1122
4.	Gujarat	230	250	270	@	@	@
5.	Haryana	376	406	436	325	365	405
6.	Himachal Pradesh	197	209	221	393	419	444
7.	Jammu & Kashmir	14	15	17	498	537	587