

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:2134
ANSWERED ON:29.07.2002
PERFORMANCE OF DIRECTORATE OF MAIZE RESEARCH
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Will the Minister of AGRICULTURE be pleased to state:

- (a) the performance of the Directorate of Maize Research (DMR), Pusa, New Delhi in physical and financial terms since its inception, Year-wise;
- (b) whether there is any mechanism to monitor and review the performance of the DMR;
- (c) if so, the details thereof;
- (d) the original cost earmarked for the Maize Research Projects and the cost over run recorded so far;
- (e) the time by which the project is likely to be completed along with the projected escalation cost of the original estimate; and
- (f) The facts attributed to the delay in completion of the project?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

- (a) The Directorate of Maize Research(DMR) was established in 1994. The objectives of the DMR and its achievements both in physical and financial terms, year-wise, since its inception are given in Annexure-I & Annexure-II.
- (b) & (c) : The work of DMR is reviewed periodically by inter-disciplinary teams like Quinquennial Review Team (QRT), Staff Research Council (SRC), Research Advisory Committee (RAC), constituted by ICAR. Also annual monitoring is done at the time of Annual Maize Workshop.
- (d) The details of earmarked budget are given in Annexure-II. There is no cost over run so far.
- (e) The project is of ongoing nature funded from Plan budget of the Council.
- (f) Not applicable.

Annexure-I

Objectives of the Directorate of Maize Research (DMR)

- a) To undertake basic and strategic research activities with respect to germplasm enhancement like tolerance to abiotic and biotic stresses, quality improvement, specialized uses etc.
- b) To conduct and coordinate the multi-locational testing of maize germplasm, other research activities at different research stations of the country
- c) To develop efficient package of practices for increasing maize production and productivity.
- d) To generate technologies for tailoring maize for diversified uses for industry and other sectors.
- e) To organize activities related to overall development of maize like training programmes, on farm researches, frontline demonstrations, etc.
- f) To develop effective collaborative programmes in maize research and development with national and international agencies/institutions.

Achievements

Since its inception in 1994 the Directorate of Maize Research has released 16 hybrids and six composites for cultivation in the

various agroclimatic zones of the country. These cultivars have helped in increasing the productivity from 1493 Kg/Ha in 1994 to 2060 Kg/Ha in 2001. The total production has also increased from 9.1 million tonnes in 1994 to 13.51 million tonnes in 2001, which is a significant increase. Special emphasis was laid on development of nutritionally superior quality protein maize hybrids. Accordingly single cross hybrids Shaktiman-I and Shaktiman-2 were released. These hybrids will provide nutritional security to the tribal and poor strata of the society and also better feed for poultry industry. Maize has exceeded the targeted production (12 mt) to 13.5 mt, an increase of 1.5 mt in the year 2001.

Annexure-II

Financial Allocation and Expenditure

There was no separate approved allocation during VIII Plan period for the Directorate of Maize Research as this Directorate's budget was met from the overall allocation of Indian Agriculture Research Institute, New Delhi. The year-wise remittance from the Council to IARI during 1994-95 to 1996-97 in respect of the DMR and expenditure against that remittance under the Directorate during the VII Plan period are given in Table-1. The allocation during IX Plan and expenditure, year-wise, are given in Table-2 below:-

VIII Plan (Table 1) Rs. in crores

| Year | Remittance from Council | Expenditure |
|------|-------------------------------|-------------|
|------|-------------------------------|-------------|

| | | |
|-----------|-------|-------|
| 1994-1995 | 0.40 | 0.30 |
| 1995-1996 | 1.44 | 0.76 |
| 1996-1997 | 2.90+ | 2.85+ |

| | | |
|-------|------|------|
| Total | 4.74 | 3.91 |
|-------|------|------|

+ including AICRP.

IX Plan (Table 2) Rs. in crores

| Year | Approved Outlay | Expenditure |
|------|--------------------|-------------|
|------|--------------------|-------------|

| | | |
|-----------|------|------|
| 1997-1998 | 1.57 | 1.57 |
| 1998-1999 | 1.06 | 1.06 |
| 1999-2000 | 2.90 | 1.22 |
| 2000-2001 | 0.98 | 1.26 |
| 2001-2002 | 4.27 | 4.05 |

| | | |
|-------|-------|------|
| Total | 10.78 | 9.16 |
|-------|-------|------|

As regards the All India Coordinated Research Project (AICRP) on Maize is concerned the total IX Plan approved outlay (for the period 1997-98 to 2001-02) was Rs. 12.92 crores against which an expenditure of Rs. 11.53 crores was incurred during that period.