

**Decline in per Capita Availability and Production of Pulses**

**4237. SHRIMATI MADHURI SINGH :**  
Will the Minister of AGRICULTURE be pleased to state :

(a) whether it is a fact that the production and per capita availability of pulses have declined in our country;

(b) the details about the production of pulses and per capita consumption of pulses in India and its comparison with other countries; and

(c) the steps proposed to increase the cultivation of pulses being, the source of proteins to a large section of our people?

**THE MINISTER OF AGRICULTURE (RAO BIRENDRA SINGH) :** (a) No, Sir. The production and per capita availability of pulses is picking up in the country since 1981.

(b) Statements giving (i) Production of Pulses in India and major producing countries since 1980; and (ii) Per Capita Availability of Pulses in India since 1980 are attached. Per capita availability of a commodity during a period depends on production, exports, imports, changes in stocks, etc. and the population. It has not been possible to calculate per capita availability of pulses in different countries of the world in the absence of information on all the above items.

(c) The steps taken to boost the production of pulses include :

- (i) Introduction of pulses crops in irrigated farming system;
- (ii) Bringing additional area under short duration varieties of urad,

moong, etc. in rice fallows by utilising the residual moisture in rabi season; and in summer season with irrigation after oil-seeds, sugarcane, potato and wheat;

(iii) Inter-cropping of arhar in soyabean, bajra, cotton, sugarcane and groundnut, both under irrigated and unirrigated conditions;

(iv) Multiplication and use of improved pulses seeds;

(v) Adoption of plant protection measures;

(vi) Use of phosphatic fertilizers and rhizobial culture;

(vii) Public policies including pricing and marketing of pulses;

(viii) Improved post-harvest technology; and

(ix) Organisation of 'Pulses crop villages' in various blocks both in irrigated and rainfed areas in order to promote an integrated approach to production, procurement and marketing of pulses crops on the best available know-how.

In addition to the above, efforts for cultivation of summer moong have been intensified in various States. For 1983-84, a new Scheme for assistance to small and marginal farmers has been introduced under which 200 minikits of pulses along with fertilizers are being supplied to the farmers in each Block.

**Statement I**  
**Production of Pulses—World and Important Countries**

(Million tonnes)

1	1980 2	1981 3	1982 4	1983 5
World	40.1	42.5	44.6	45.0
India	8.6	10.6	11.5	11.6

1	2	3	4	5
Mexico	1.3	1.8	1.4	1.3
USA	1.5	1.7	1.4	1.2
Brazil	2.0	2.4	3.0	2.4
USSR	6.4	5.6	6.5	7.0
China	6.7	6.4	6.7	N.A.

Source : Figures of production of pulses for world and other countries 'except India' have been called out from 'Food Outlook' issued by the FAO.

N.A. ---Not Available.

### Statement II

#### Per Capita Availability of Pulses in India

Year	Kgs. Year	Grams/day
1980	11.3	30.9
1981 (P)	13.6	37.2
1982 (P)	14.3	39.2

(P) -- Provisional

#### National Agriculture Extension Project

4238. SHRI B.V. DESAI :

SHRI DIGAMBAR SINGH :

DR. KRUPASINDHU BHOI :

Will the Minister of AGRICULTURE be pleased to state :

(a) whether the Planning Commission and his Ministry have cleared a proposal for setting up a new umbrella programme called the National Agriculture Extension Project with financial and technical assistance from the World Bank;

(b) if so, whether the World Bank has committed a total financial aid of about Rs. 200 crores for implementation of the NAEP;

(c) whether the new national programme will replace the present piecemeal State-wise farm extension projects;

(d) whether at present 13 States have been individually implementing the projects under the supervision of World Bank for transferring appropriate agricultural technology from "Lab to land" programme in their States; and

(e) the main objects of the new umbrella project to complement NAEP?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI YOGENDRA MAKWANA) : (a) Yes, Sir.

(b) The quantum of financial aid is still under discussion with the World Bank.