

(b) the total consumption of fertilizers during 1960-61 and 1961-62 so far?

**The Minister of Agriculture (Dr. P. S. Deshmukh):** (a) Yes, but supply is limited according to the availability of stocks in the Central Fertiliser Pool.

(b) The quantities actually consumed by Andhra Pradesh during 1960-61 and the supply made so far during 1961-62 are given below:—

(figures in metric tonnes)

Kind of Fertilisers.	Consumption during 1960-61 (12 months)	Supply from
		1-4-61 to 30-11-61 (8 months)
Sulphate of Ammonia	55,722	76,400
Urea	5,730	30,200
Ammonium Sulphate Nitrate	5,746	13,900
Calcium Ammonium Nitrate	10,144	42,500

#### Central Arid Zone Research Institute of Rajasthan

**1450. Shri Madhusudan Rao:** Will the Minister of Food and Agriculture be pleased to state:

(a) the achievements of the Central Arid Zone Research Institute of Rajasthan since its inception; and

(b) the total capital and recurring expenditure involved in the Institute?

**The Minister of Agriculture (Dr. P. S. Deshmukh):** (a) and (b). A statement is laid on the Table. [See Appendix II, annexure No. 69].

#### Chandrapura Scheme of D.V.C.

**1451. Shri Muhammed Elias:** Will the Minister of Irrigation and Power be pleased to state:

(a) when the Chandrapura scheme of the DVC was sanctioned, works of the project taken in hand and when it will be completed;

(b) how many years were taken to complete Bokaro and how it will com-

pare with Chandrapura and what are the reasons for the difference, if any;

(c) whether the planning and design of Chandrapura is in the hand of same DVC engineer who handled Durgapur scheme and if so, what are the reasons for it; and

(d) to what extent recent newspaper report is correct to the effect that no progress has been made at Chandrapura?

**The Deputy Minister of Irrigation and Power (Shri Hathi):** (a) Of the two units of 125 MW each, the first unit was sanctioned in 1958 and the second in 1959. The orders were placed in 1960/1961. The first unit is likely to be completed by the end of 1964 and the second three months thereafter.

(b) Of the four units at Bokaro, the first three of 50 MW each were completed in 48 to 55 months and the fourth unit of 75 MW in about 43 months from the date of placement of orders for equipment with the suppliers. On this basis, two units at Chandrapura of 125 MW each are likely to be completed in 43 and 47 months respectively. Despite variation in the nature and size of the units at the two stations, the construction schedule for the Chandrapura units compares favourably with that for the Bokaro units.

(c) Basic planning and design of the Chandrapura Thermal Station is primarily the responsibility of Gibbs and Hill Inc., U.S.A., Consultants to D.V.C. for this scheme. In the case of the Durgapur scheme, the planning, design and construction management was the responsibility of Kujian Corporation, U.S.A.

(d) It is not clear which newspaper report is referred to. However, it is not correct to say that no progress has been made at Chandrapura. The colony, roads, etc. have been constructed and orders for over 60 per cent of the equipment have been placed.