

(d) whether indigenous machinery for its extraction is available; and

(e) if so, what is its price and its establishment charges?

The Minister of Scientific Research and Cultural Affairs (Shri Humayun Kabir): (a). The National Chemical Laboratory, Poona and the Regional Research Laboratory, Jammu.

(b). A process for extraction of the oil has been developed. A production unit is to be set up at the National Chemical Laboratory.

(c). This will be taken up after the production unit starts functioning. It can be exported to U.S.A.; U.K. and continental Europe.

(d). Yes, except the industrial vacuum pump.

(e). It is estimated that a plant for treating 5 tons of root per year will cost about a lakh of rupees. About another lakh per year will be required for raw materials and establishment.

Cement Factory in Kangra

236. Shri Hem Raj: Will the Minister of Steel and Heavy Industries be pleased to state:

(a) whether any firm has applied for the issue of a licence for the setting up of a cement factory in the Kangra District; and

(b) if so, its name and the site it has selected for the purpose?

The Minister of Steel and Heavy Industries (Shri C. Subramaniam). (a) and (b). In March, 1961, Messrs. Surrendra (Overseas) Private Ltd., Calcutta, applied for grant of licence for setting up a cement factory at Samloti in Kangra District. Since Samloti is on the narrow gauge railway line from pathankot, the setting up of a cement factory there has not been considered suitable from the rail transport angle. The applicants have therefore agreed to the establishment of the factory on the broad gauge line

at or near Pathankot in Gurdaspur district. The exact location is yet to be decided in consultation with the Railways.

Fertilizer Corporation of India

237. Shri Kolla Venkaiah: Will the Minister of Steel and Heavy Industries be pleased to state:

(a) the different operating units of the Fertilizer Corporation of India Limited in 1961-62; and

(b) the quantity of Ammonium Sulphate and different other varieties of fertilizers produced in the different operating units in 1959-60; 1960-61 and 1961-62?

The Minister of Steel and Heavy Industries (Shri C. Subramaniam):

(a) The Sindri and Nangal factories were the operating units of the Corporation in 1961-62.

(i) Sindri

(In metric tonnes)

	1959-60	1960-61	1961-62
Ammonium Sulphate	2,89,812	3,04,852	2,84,326
Double Salt (Ammonium Sulphate Nitrate)	22,552	36,003	55,428
Urea :	4,732	10,644	13,633
(ii) Nangal Calcium Ammonium Nitrate		11,005	2,00,780

Trip to Valleys by Members of Indian Air Force

**238. { Shri Basumattari:
Shri Bishanchander Seth:**

Will the Minister of Defence be pleased to state:

(a) whether it is a fact that 8 young Members of the Indian Air Force went trekking the country's three most beautiful valleys—Chini, Baspaa and Tons;

(b) if so, how far the trip proved successful;

(c) how much expenditure has been incurred on their trip; and