

and improvement of the designs are made constantly. Updating technology is a continuous process.

(d) BHEL does not lack in technology/quality leadership. During the year BHEL units have been certified under ISO 9000 quality standards. There are about 200 BHEL supplied steam turbines running in India and abroad. Plant Load Factor of BHEL supplied turbine sets has generally been higher than the all India average.

(e) Government does not consider it necessary to revamp the Board of Directors of BHEL.

### **Production Requirement and Import of Fertilizers**

3. SHRI S. AUSTIN :

SHRI CHIMANBHAI HARIBHAI SHUKLA:

Will the PRIME MINISTER be pleased to state :

(a) what is the quantity of Fertilizers produced in the country during the last three years and what quantity of fertilizers was imported during the last three years, year-wise ;

(b) what is the gap between the demand and supply of fertilizers in the country and what steps are being taken to make the country self-sufficient; and

(c) what was the demand of fertilizers in Tamil Nadu and what was the quantity supplied to the state during the above period ?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI EDUARDO FALEIRO):

(a) The details of each type of fertilizers produced and imported during the last

three years are given in Statement (See below).

(b) Out of the three main fertilizer nutrients viz. nitrogen, phosphate and potash, roughly 85% of the demand of nitrogen and 70% of the demand of phosphate is met through indigenous production. The entire requirement of potash is met through imports as the country does not have known reserves of potash.

As part of the plan to increase the production of fertilizers during the Eighth Five Year Plan, and also to reduce the gap between the demand and indigenous production of fertilizers, three new ammonia-urea plants, one each at Babrala (U.P.), Shahjahanpur (U.P.) and Gadeban (Rajasthan) are currently under implementation in the private sector. Besides, National Fertilizers Limited (NFL) and Indian Farmers Fertilizer Cooperative Limited (IFFCO) have taken up projects for the doubling of the capacity of their gas-based plants at Vijaipur (M.P.) and Aonla (U.P.) respectively. Gas availability has also been indicated for a medium sized ammonia-urea plant in Krishna-Godavari Basin (A. P.).

(c) The assessed requirement and consumption of chemical fertilizers in terms of nutrients (nitrogen+ phosphate + potash) in Tamil Nadu during the last three years from 1990-91 to 1992-93 is given below :—

(in '000 MT)			
Year	Assessed requirement	Consumption	
1990-91	883	831	
1991-92	910	839	
1992-93	973	799	

## Statement

Productwise actual production for three Years from 1990-91 to 1992-93.

(Qty. in '000)

Name of product	Production 1990-91			Production 1991-92			Production 1992-93		
	Qty	N	P	Qty	P	P	Qty	N	P
URFA	12835.1	5904.1	0.0	12830.7	5902.1	0.0	13122.9	6036.5	0.0
A/S	557.5	117.1	0.0	547.0	114.9	0.0	561.8	118.0	0.0
CAN	435.9	109.0	0.0	447.2	111.8	0.0	545.1	136.3	0.0
A/C	78.8	19.7	0.0	112.6	28.1	0.0	122.3	30.6	0.0
PAP	1904.8	342.9	876.2	2865.3	515.8	1318.0	2595.4	467.2	1193.9
20:20	528.5	105.7	105.7	654.5	130.9	130.9	859.6	171.9	171.9
SSP	3640.4	0.0	582.5	3009.0	0.0	481.4	2250.7	0.0	360.1
15:15:15	370.2	55.5	55.5	336.1	50.4	50.4	351.5	52.7	52.7
ANP (20.7:20.7)	267.3	55.3	55.3	276.8	57.3	57.3	290.1	60.1	60.1
17:17:17	456.8	77.7	77.7	695.0	118.2	118.2	690.4	117.4	117.4
10:26:26	281.9	28.2	73.3	335.5	33.6	87.2	281.3	28.1	73.1
12:32:16	197.2	23.7	63.1	323.2	38.8	103.4	275.1	33.0	88.0
14:35:14	22.0	3.1	7.7	18.8	2.6	6.6	29.7	4.2	10.4
19:19:19	217.2	41.3	41.3	175.6	33.4	33.4	122.9	23.4	23.4
28:28	334.1	93.5	93.5	382.2	107.0	107.0	342.9	96.0	96.0
16:20	72.5	11.6	14.5	103.2	16.5	20.6	104.7	16.8	20.9
23:23	21.0	4.8	4.8	140.3	32.2	32.3	166.4	38.3	38.3
14:28:14	0.0	0.0	0.0	55.0	7.7	15.4	0.0	0.0	0.0
	22221.2	6993.2	2051.1	23308.0	7301.3	2562.2	22713.8	7430.3	2306.2

Statement showing the quantity of fertilizers imported during the last three years from 1990-91 to 1992-93:

(Qty. in 000' MT)

Fertilizer	1990-91	1991-92	1992-93
UREA	—	391.00	1857.00
MOP	2120.00	2040.00	1761.00
DAP	2155.00	20.77.00	*1557.00
SOP	59.00	—	5.00
HP:	156.00	73.00	130.00

\*Includes 1.06 lakh tonnes of DAP imported by private traders.

(MT)