

Dr.A.JUSTIN THIRAVIAM
ASSIT.PROFESSOR
DEPARTMENT OF ECONOMICS
ST.JOSEPH'S COLLEGE
TIRUCHIRAPPALLI-620 002

IMPACT OF FERTILIZER CONSUMPTION
ON AGRICULTURAL PRODUCTION
(With special reference to Erode
District of Tamil Nadu)

The development of agricultural sector is felt important in India which has to feed around 121 crores of people, at least three times a day.

Production efficiency is dependent upon several factors of which fertilizer management plays a pivotal role in achieving targeted food production.

IMPORTANCE OF FERTILIZERS:

In the interest of rational objectives, there is great need to provide farmers with substantial incentives for using fertilizers.

- Consumption of fertilizers is one of the important areas where special study is to be made for the purpose of enhancing the agricultural productivity in the region.

Issues in the use of chemical fertilizers:

Food problems commenced in the 18th century and the magnitude of the problem intensified during the 20th century. But at present due to the pragmatic steps followed by the Government such as Green Revolution, the intensity of food problem has decreased.

- Most of the Indian farmers are illiterates, superstitious, conservative and unresponsive to new agricultural techniques in relation to fertilizers.

- **Consumption of Chemical Fertilizers and Yield**

Government of India, Ministry of Agricultural stated that ,The main nutrients which must be added to the soil in the form of fertilizers are Nitrogen, Phosphorus and Potassium.

Sometimes micro-nutrients such as calcium, magnesium, manganese, boron, etc. would also be required.

- Fertilizer is needed to improve the yield and prevent the deterioration of good land.
- It is essential in the conversion of low productive and waste land into valuable and fertile farms.
- They suggest that the ideal fertilizer programme is one that promotes the most satisfactory production at the least cost.

- The National Commission on Agriculture has laid down the ambit of fertilizer use in India as “addition of Plant nutrients in the form of Fertilizers constitutes an essential step in agricultural production.
- Because of narrow land man ratio which would get still narrower in coming years, the hopeful means of supplying needs of agricultural produce would be the fertilizers”

- Fertilizer is one of the powerful resources to the man who wrests his living from the soil.
- The economic development of the nation also depends on its agricultural productivity.
- The study tries to provide ways and means to increase the net income of the farmers, which is the goal of production.

- Agriculture is the primary occupation of majority of the people in India.
- The productivity in agriculture depends on the social, technological and economic factors.
- These factors are significantly influenced by the yield of the farmers and their income generating activities.

CONCLUSION:

- Hence this study has brought to light the consumption pattern of fertilizer at Erode District.

The plight of farmers can be minimized only if the government ensures the availability of required fertilizers, seeds and other input materials in time to the farmers.

THANK YOU