

Carbon-14 produced in our country annually by the Board of Radiation and Isotope Technology;

(b) whether there is any other source which produced C-14, besides the Board;

(c) out of the total C-14 produced, how much is used in our country for C-14 dating technology;

(d) whether C-14 is imported in our country and if so, how much; and

(e) if not, whether Government export C-14 and if so, how much?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND THE MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI): (a) Carbon-14 is not being produced at present by Board of Radiation and Isotope Technology.

(b) No, Sir. There is no source which produces Carbon-14 in India.

(c) Does not arise, since C-14 is not produced in the country.

(d) Yes, Sir. Approximately 800 mCi of C-14 is imported from time to time to meet the current requirements for the preparation of labelled compounds.

(e) There is no export of C-14.

Phosphatic Fertilizers

432. SHRI DILIP SINGH JUDEV: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) what is the raw-material required to manufacture phosphatic fertilizers;

(b) how much of it is indigenously available and how much is imported;

(c) whether there are any plans to install phosphatic fertiliser manufacturing plants in Gulf countries or in Canada; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY

AFFAIRS AND THE MINISTER OF STATE IN THE DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT (SHRI EDUARDO FALEIRO): (a) Rock phosphate, sulphur, ammonia and phosphoric acid are the raw materials required for the manufacture of different types of phosphatic fertilizers.

(b) The indigenous raw materials for the manufacture of phosphatic fertilizers meet about 5% of the requirement; balance is met through imports.

(c) and (d). M/s. Southern Petro-chemical Industries Corporation Limited (SPIC) is implementing a joint venture project in Jordan for the manufacture of phosphoric acid, which is the major input for producing DAP.

Packing guidelines for Urea Manufacturers

433. SHRI SATYA PRAKASH MALAVIYA: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether it is obligatory for the urea manufacturers to pack their materials in jute bags;

(b) if so, under what provisions of Government regulations, and the reasons for imposition of such obligations;

(c) whether Government have studied the advantages of packing this material in HDPE woven sacks instead of jute bags; and

(d) if so, the results of such a study?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND THE MINISTER OF STATE IN THE DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT (SHRI EDUARDO FALEIRO): (a) and (b) Under the Jute Packaging Materials (Compulsory use in Packing Commodities) Act, 1987, it is obligatory for the urea manufacturers to pack urea in jute bags. This has been envisaged to give relief to the jute industry and to encourage jute farmers.