

**Study on mixing of ethanol with petrol in chemical industry**

†366. SHRI MEGHRAJ JAIN: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) the quantity of ethanol used in the chemical industry during the last three years;
- (b) whether the Ministry has conducted a study about actual effect of the decision of mandatory mixing of ethanol in petrol on chemicals industry, if so, the details thereof; and
- (c) whether the Ministry has expressed its reservations regarding mandatory use of ethanol mixed petrol in the country, if so, the reasons therefor?

THE MINISTER OF STATE FOR CHEMICALS AND FERTILIZERS (SHRI MANSUKH L. MANDAVIYA): (a) The quantity of ethanol, used in chemical industry during the last three years, as per the industry estimates, is as follows:

Year	2012-13	2013-14	2014-15
Quantity (crore litres)	84	84	87

(b) The Department has not conducted any formal study about actual effect of the decision of mandatory mixing of ethanol in petrol on the chemical industry.

(c) Ethanol is an important chemical which is used in the manufacture of a number of major commercial chemicals such as Acetic Acid, Ethyl Acetate, Mono Ethylene Glycol (MEG)-Polyester (PET) resin, polyester fibre/yarn etc. Ethanol is also used as a solvent and purification agent in bulk drugs, pharmaceuticals and as a reagent in laboratories. Ethanol is very important for the growth of the chemical industry as well to realize the objectives of the Make in India Programme. Further, the successful implementation of the EBP Programme also depends on sufficient availability of Ethanol.

In order to ease the availability of ethanol for various sectors, the Department has recommended measures for enhanced production of ethanol by increasing the production of sugarcane through adoption of better practices such as soil health care, pedigree plant material and micro irrigation with fertigation etc.

**Effect of Neem-Coated urea on urea prices and revenue savings**

†367. SHRI RAM VICHAR NETAM: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) the details of saving of revenue through Neem-coated urea;

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† Original notice of the question was received in Hindi.