

GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS AND FERTILIZERS  
DEPARTMENT OF FERTILIZERS

RAJYA SABHA

UNSTARRED QUESTION NO. 3710 TO BE ANSWERED ON: 05.04.2022

Use of Nano Urea

3710: SHRI TIRUCHI SIVA:

Will the Minister of **CHEMICALS AND FERTILIZERS** be pleased to state :

- (a) whether Government has promoted the use of Nano Urea (Liquid) Fertilizer;
- (b) if so, the details there of including the impact of the same;
- (c) whether Government has done an assessment of the effectiveness of the fertilizer in the areas where it has been used; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF STATE FOR CHEMICALS AND FERTILIZERS

(SHRI BHAGWANTH KHUBA)

(a) to (d) IFFCO has developed nanotechnology based Nano Urea (Liquid) fertilizer, which has been provisionally included in Fertilizer Control Order (FCO)-1985, based on the preliminary experimental trials undertaken in several ICAR research institutes /state agricultural Universities. Nano-urea spray on different crops gave comparable yields to those obtained under fully recommended Doses of fertilizers with 50% savings in top dressed urea.

Use of Nano Fertilizer is being promoted through awareness camps, webinars, nuked natak, field demonstrations, kisan sammelans and films in regional languages etc. DoF has prepared a movie on Nano Urea in English, Hindi and four other regional languages to promote the use of Nano Urea.

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