

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 1850 TO BE ANSWERED ON: 02.08.2024

EFFECTS OF USE OF NANO UREA

1850: SHRI UMMEDA RAM BENIWAL:

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

- (a) whether the Government has conducted any study on the adverse impact of the use of Nano urea on the production of crops in the country particularly in Rajasthan;
- (b) if so, the details and the outcome thereof;
- (c) whether the Government proposes to issue any direction/circular to the companies selling fertilizers/pesticides not to force the farmers to buy nano urea while buying fertilizer/pesticide;
- (d) if so, the details thereof and the time by which it is likely to be done; and;
- (e) if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS
(SMT. ANUPRIYA PATEL)

(a) & (b): Based on the multi-locational trials in the State Agricultural Universities (SAUs) and Indian Council of Agricultural Research (ICAR) institutions, Department of Agriculture & Farmers Welfare (DA&FW) has notified the specifications of Nano Urea produced by specific companies under Fertilizer Control Order, 1985. Indian Council of Agricultural Research (ICAR) has informed that experimental trials of Nano urea revealed that two spray of Nano urea as top-dressing along with recommended basal dose of nitrogen gave comparable yield with full recommended dose of nitrogen with yield advantage of 3-8% and urea saving of 25-50% in various crops.

(c) to (e): Tagging of other products with fertilizers is not encouraged by Department of Fertilizers. Accordingly, suitable directions are issued to fertilizer companies directing them not to indulge in such practices. Further, State Governments are also advised to take strict action under the Fertilizer Control Order (FCO) – 1985 to prevent tagging.

However, the usage of Nano Urea is promoted by the Government of India along with the State Governments & fertilizer companies through different activities.
