

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

RAJYA SABHA

UNSTARRED QUESTION NO. 989 TO BE ANSWERED ON: 28.07.2026

Financial support to nano-fertilizer and specialty chemical units

989 Shri Vijay Chintakayala:
Shri Masthan Rao Yadav Beedha:

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

- (a) whether Government is aware of the growing adoption of nano urea and nano urea plus technology across the country and if so, the details of a policy framework and incentive structure to encourage domestic manufacturing and farmer-level uptake of nano-fertilizers;
- (b) the details of nano urea farmer field trials and awareness-campaign in districts covering Andhra Pradesh;
- (c) whether any Central financial support has been extended to nano-fertilizer and specialty chemical units set up in Andhra Pradesh in the last two years, if so, the details thereof; and
- (d) whether Government proposes to expand demonstration campaigns to more districts of Andhra Pradesh?

ANSWER

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

(a) So far 32 nano fertilizers namely, Nano DAP, Nano Urea, Nano NP, Nano Phosphorus, Nano NPK, Nano Zinc and Nano Copper have been notified under Fertiliser Control Order (FCO), 1985. These are notified on the basis of positive outcome of agronomic trials conducted at State Agricultural Universities (SAUs) and the Indian Council of Agricultural Research (ICAR) institutes of one season trial of two crops in three different agro-climatic zones along with a report from National Accreditation Board for Testing and Calibration Laboratories (NABL) on Biosafety, biotoxicity and quality trial as per guidelines issued by Department of Biotechnology.

The Government of India is not directly involved in setting up of Nano Fertilizers Plants across the country. No financial assistance is provided by the Government of India for setting up of Nano Fertilizers manufacturing plants. There is no subsidy is provided by the Government of India for Nano fertilizers. However, State Government of Gujarat is providing 50% subsidy on Nano Urea and Nano DAP to farmers under a special support initiative to encourage adoption of these advanced fertilizers. State Government of Rajasthan is providing a subsidy of 50% on spraying cost for spraying Nano Urea and

Nano DAP. State Government of Uttarakhand has mandated the use of Nano fertilizers in demonstrations under central sponsored schemes (ATMA, NFSM, and Soil Health & Fertility) and state sponsored schemes (Chief Minister's State Development Scheme and the State Millet Policy).

(b) The Government of Andhra Pradesh has informed that during 2025–26, they have conducted 268 farmer field trials on Nano urea. Additionally, 88,375 awareness campaigns were conducted by covering approximately 23.99 lakh farmers to popularise of Nano Fertilizers. The details of the Nano Urea farmer field trials and awareness campaigns conducted by Nano Fertilizer manufacturers in all districts of Andhra Pradesh during F.Y 2025-26 is placed as **Annexure**.

(c) No Central financial support is provided by the Government of India for nano-fertilizer and specialty chemical units set up in Andhra Pradesh in the last two years.

(d) The Government of Andhra Pradesh has informed that, in addition to the existing 26 districts, two new districts i.e., Markapuram and Polavaram were created in April 2026. Demonstration campaigns are proposed to be expanded to cover these newly formed districts. Nano Fertilizer manufactures informed that they have conducted 5448 demonstrations campaigns in Andhra Pradesh to showcase the nano fertilizer application and conducted field days to show the results on the crops to the farmers.

Annexure

Annexure referred to in reply to part (b) of Rajya Sabha Unstarred Question No. for answering on 28.07.2026

THE DETAILS OF THE NANO UREA FARMER FIELD TRIALS AND AWARENESS CAMPAIGNS CONDUCTED BY NANO FERTILIZER MANUFACTURERS IN ALL DISTRICTS OF ANDHRA PRADESH DURING F.Y 2025-26

S.No.	Activities/ Program	Nos.
1	Farmer meetings in collaboration with Agriculture Department officials	1205
2	Farmer Field level and Government of Andhra Pradesh Seed farm demonstrations in collaboration with Department of Agriculture officials like MAOs/ADAs/DAOs along with KVK scientists, conducted across 22 districts	55
3	Agro-climatic Zone wise Trials (in both Kharif & Rabi 2025-26)	130
4	Retailer training programs at divisional/district level	17
5	Field Demonstrations covering all the districts of Andhra Pradesh	788
6	Number of Field Days	25
7	Village level Publicity vans	22 nos. with 30days each
8	Exhibitions/Kisan Melas at Acharya NG Ranga Agri University/RARS/ARS/Agri Dept Programs	30
9	Crop seminars	149
10	Focused Group Discussions ("Chai pe Charcha" campaign)	75
11	Product Display Stalls	220
12	Digital Promotion (Active campaigns on Youtube, Instagram and Facebook)	Reached 4.6M viewers
13	Local language literature	Awareness initiatives have been supported through Local language literature and local partnerships to ensure better communication and wider acceptance.

