

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 1416 TO BE ANSWERED ON: 28.07.2023

Nano Di-ammonium Phosphates

1416: SHRI K. NAVASKANI:

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

- (a) whether the Government has taken note of the fact that Nano Di-Ammonium Phosphate (DAP) is biologically safe to use, helps to reduce soil, water and air pollution and will lead to a significant reduction in dependence on DAP Imports;
- (b) if so, the details thereof; and
- (c) the steps taken/proposed to be taken by the Government to make available nano DAP across the country?

ANSWER

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS

(SHRI BHAGWANTH KHUBA)

(a) & (b): The Government of India has notified Nano DAP under the Fertilizer Control Order (FCO) – 1985 on the basis of the bio efficacy trials and toxicology tests. M/s Coromandel International Limited (CIL) and M/s Indian Farmers Fertiliser Cooperative Limited (IFFCO) have been granted permission to manufacture Nano DAP. The Government of India advocates the balanced and integrated use of fertilizers.

Further, Indian Council of Agricultural Research (ICAR) has informed that IFFCO and CIL have developed nano DAP and have conducted preliminary field trials on selected crops in selected ICAR Institutes/SAU's. The report indicated that with the use of nano DAP as seed treatment and foliar application, there is a possibility of saving of granular DAP conventionally applied.

(c): IFFCO has started commercial production of DAP from 8th March, 2023 at its Kalol plant. Till date, 9.8 lakh bottles (500 ml each) of IFFCO Nano DAP have been sold in various states/UTs. Further, Department of Fertilizers has requested states/UTs to ensure the availability of Nano Fertilizer viz. NANO UREA and NANO DAP in state fertilizer outlets/PMKSKs.
