

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS
RAJYA SABHA

UNSTARRED QUESTION NO. 507 TO BE ANSWERED ON: 25.07.2023

Introduction of Nano DAP in the market

507: SHRI V. VIJAYASAI REDDY:

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

- (a) whether IFFCO has recently introduced Nano DAP in the market;
- (b) if so, the details thereof;
- (c) the manner in which Nano DAP is different from the conventional DAP;
- (d) whether it is a fact that the Nano DAP is available to farmers at half the price of conventional DAP;
- (e) the present rate of Nano DAP available in the market; and
- (f) whether there are any plans to introduce Nano Zinc, etc., if so, the details thereof?

ANSWER

MINISTER OF STATE FOR CHEMICALS AND FERTILIZERS
(SHRI BHAGWANTH KHUBA)

(a) & (b): Yes, Sir. Subsequent to inclusion of IFFCO Nano DAP in the Fertilizer Control Order (FCO)-1985, Nano DAP has been introduced in market from April 2023.

(c): IFFCO has informed that Nano DAP is in liquid form while conventional DAP is in granular form. Nano DAP is applied as Seed, Root and Foliar treatment while granular DAP is applied to the soil. Nano DAP has use efficiency of 80-90 % under optimum conditions in comparison to 20-30% use efficiency of conventional DAP. Nano DAP is non subsidized while conventional DAP comes under NBS scheme.

IFFCO has further informed that Nano DAP helps in reducing consumption of conventional DAP, increases crop productivity and reduces subsidy burden. Nano DAP saves storage, warehousing and transportation costs as it is easy to carry and store. Application of Nano DAP has benefits in terms of better Soil, Air and Water.

(d) & (e): MRP of one 500 ml bottle of IFFCO Nano DAP is Rs. 600/-, which is less than the price of 50 kg bag of conventional DAP i.e. Rs. 1350/-.

(f) Currently, inclusion of Nano Zinc is not in contemplation of Government of India.
