

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

RAJYA SABHA

UNSTARRED QUESTION NO. 2900 TO BE ANSWERED ON: 19.08.2025

Blockchain and geo-tagging for enhanced transparency and efficiency in fertilizer distribution

2900: SHRI KARTIKEYA SHARMA:

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

- (a) whether the Ministry plans to integrate technology like blockchain and geo-tagging for enhanced transparency and efficiency in fertilizer distribution, if so, the details thereof;
- (b) whether there are pilot projects deploying automation or robotics in fertilizer or pharmaceutical manufacturing to improve safety and productivity, if so, the details thereof; and
- (c) whether there are any proposals to use technology based solutions being proposed or initiated to tackle illegal hoarding, black-marketing of chemicals and fertilisers, if so, the details thereof?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS

(SMT. ANUPRIYA PATEL)

(a) to (c) Following steps are taken by the Government before every cropping season for ensuring timely and adequate availability of fertilizers across the States:

- i. Before the commencement of each cropping season, Department of Agriculture and Farmers Welfare (DA&FW), in consultation with all the State Governments, assesses the state-wise & month-wise requirement of fertilizers.
- ii. On the basis of requirement projected by DA&FW, D/o Fertilizers allocates adequate quantities of fertilizers to States by issuing monthly supply plan and continuously monitors the availability.
- iii. The movement of all major subsidized fertilizers is monitored throughout the country by an on-line web-based monitoring system called integrated Fertilizer Monitoring System (iFMS);

iv. Regular Weekly Video Conference is conducted jointly by DA&FW and D/o Fertilizers with State Agriculture Officials and corrective actions are taken to dispatch fertilizers as indicated by the State Governments.

Further, fertilizer is declared as an essential commodity and is notified under Fertilizer Control Order, 1985 and Fertilizer (Movement Control) Order, 1973. State governments are adequately empowered under FCO to stop black marketing/ hoarding of fertilizers and to take punitive action against any person/fertilizer company involved in black marketing/hoarding of fertilizers by violating the provisions of Essential Commodities Act, 1955 and Fertilizer Control Order 1985 (FCO).

Moreover, Department of Fertilizers has put a ceiling of 50 bags of subsidized fertilizers per buyer per month i.e. 600 bags of subsidized fertilizers per year. Additionally, a monthly list of 'Top 20 buyers' of each district is made available in the iFMS log-in of respective district magistrates for taking necessary action at their end. Besides, Department of Fertilizers has also developed a dashboard, which can be accessed by authorized users, to facilitate easy monitoring by various Stake holders viz. State Agriculture Departments, District Collectors and State Marketing Federations. The State Governments are also monitoring the availability and supply of fertilizers through iFMS and e-Urvarak Dashboard portals. Furthermore, in order to prevent black marketing and hoarding of fertilizers, the D/o Fertilizers has given access to State Governments on iFMS regarding details of districts reporting excess sales, retailers reporting excess sales and frequent buyers.
