

Integrated Fertilizer Management System (iFMS)

Prelims: Current events of national and international importance | Government schemes & Interventions

Why in News?

Recently, iFMS has entered a new phase with the introduction of a series of digital initiatives.

Integrated Fertilizer Management System (iFMS)

- **iFMS** - It is a digital platform designed to connect and monitor the entire fertilizer ecosystem, encompassing production, import, retail sale, and subsidy processing.
- It establishes a digital record of fertilizer movement from the point of production or import to the end user.
- **Developed by** - National Informatics Centre (NIC) for the Department of Fertilizers.
- **New Digital Initiatives** - The Ministry of Chemicals and Fertilizers has introduced new **digital dashboards and analytical tools** under iFMS to:
 - Monitor the fertilizer supply chain more effectively.
 - Improve transparency in fertilizer distribution and retail sales.
 - Detect abnormal purchase patterns, supply gaps, or emerging shortages early.
 - Enable data-driven decision-making at national, State, district, and retailer levels.
- **Benefits**
 - Facilitating the **detection of unusual bulk purchases or potential diversion**.
 - Enabling the identification of regions likely to experience **fertilizer shortages**.
 - Supporting the **analysis of fertilizer consumption patterns** by crop and region.
 - Enhancing the **planning processes** for fertilizer imports and domestic production.
 - Ensuring the **timely distribution of fertilizers** prior to the sowing season.
 - Facilitating **targeted policy interventions** rather than a uniform approach.



FERTILISER DASHBOARD – LEVELS & COVERAGE

Level	Use of dashboard	Indicator	Coverage
 National level	Overall availability, import dependence, production and supply position	 Aadhaar-linked fertilizer buyers	More than 14 crore
 State level	State-wise stock, movement and distribution gaps	 Fertilizer retailers	More than 2.5 lakh
 District level	Identification of local shortages or unusual demand	 Annual fertilizer-sale transactions	Around 7 crore metric tonnes
 Retailer level	Monitoring of sales, stocks and buyer transactions	 Annual fertilizer subsidy administered	Nearly ₹2 lakh crore



Reference

[News on Air | Integrated Fertilizer Management System \(iFMS\)](#)

