

GOVERNMENT OF INDIA  
MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION  
DEPARTMENT OF FOOD AND PUBLIC DISTRIBUTION

**RAJYA SABHA**  
UNSTARRED QUESTION NO.209  
TO BE ANSWERED ON 4<sup>TH</sup> FEBRUARY, 2025

**USE OF AI FOR EFFICIENT FOOD STORAGE MANAGEMENT IN FCI**

209 # SHRI DHAIRYASHIL MOHAN PATIL:

Will the Minister of Consumer Affairs, Food and Public Distribution be pleased to state:

- (a) the manner in which Artificial Intelligence (AI) technologies are being used by the Food Corporation of India (FCI) including the ANNA DARPAN platform to monitor and manage food stocks at its depots;
- (b) the AI tools that have been deployed to prevent discrepancies and fraud in procurement and storage procedures; and
- (c) the ways in which AI-based predictive analytics is being used to improve stock management, optimize stock levels and reduce waste?

**A N S W E R**

MINISTER OF STATE FOR MINISTRY OF CONSUMER AFFAIRS,  
FOOD & PUBLIC DISTRIBUTION  
(SHRIMATI NIMUBEN JAYANTIBHAI BAMBHANIYA)

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(a) to (c): The Food Corporation of India (FCI) has not yet integrated AI technologies, including the Anna Darpan platform, into its operational processes.

However, FCI is committed to adopt new technologies, which will enhance the monitoring, management, and operations of food stocks at its depots.

In order to improve transparency, to remove human intervention and to bring the automation in the procurement operations, FCI introduced AI-based Automatic Grain Analyzers (AGAs) for quality assessment of foodgrains. In this regard, 400 AI-based AGAs have been installed at the major procurement centres in the procuring regions to remove human interference and to prevent manual discrepancies. At all these 400 procuring centres, procurement is being done by these AI-based Automatic Grain Analyzers

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