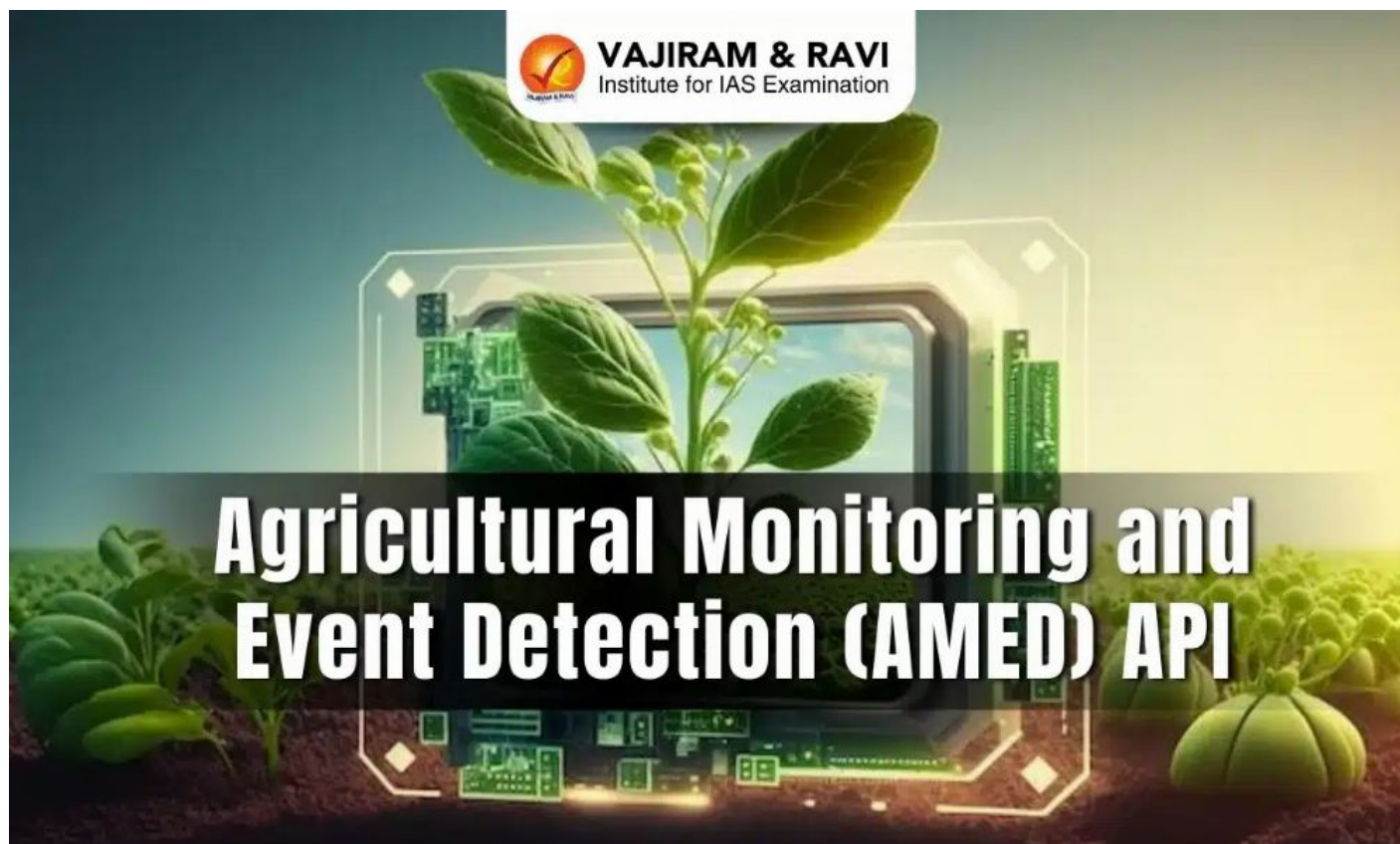


Agricultural Monitoring and Event Detection (AMED) API

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Agricultural Monitoring and Event Detection (AMED) API Latest News

Google recently launched the Agricultural Monitoring and Event Detection (AMED) API that provides information on crops and field activity across India.

About Agricultural Monitoring and Event Detection (AMED) API

- AMED is an artificial intelligence (AI)-based open-source application programming interface (API) launched by Google.
- It provides **field-level crop data**, specifically helping in monitoring crops and detecting agricultural events **at individual fields across India**.
- The AMED API details the **type of crop** on a given field, **crop season**, and the **field's size** and also provides **historical information about the agricultural activity** on it for the **last three years**.
- These insights can help significantly **improve agricultural management on farms** and also **address the specific needs of each crop** – including the right soil and water conditions, growth patterns, and climatic needs – as well as **predict crops' harvest volume**.

- **Google will be sharing the AMED API for agriculture startups** to find more innovative solutions to improve the agriculture ecosystem.
- **AMED API data** is also **refreshed nearly every two weeks**, enabling the ecosystem partners leveraging AMED API access to continuously updated information that **accounts for field-level changes**.
- **AMED API builds on the Agricultural Landscape Understanding (ALU) Research API** that the company launched last year.
 - It **uses satellite imagery and AI to map field boundaries and land use** across India.

Source: TH

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