



DATE: 25 JULY 2026

1 Chandipura Virus (Source: The Indian Express)

It belongs to the Rhabdoviridae family, the same virus family that includes rabies.

- **It was first identified in 1965 in Chandipura village in Maharashtra, India.**
- *The virus is known to cause Acute Encephalitis Syndrome (AES), a serious condition that leads to inflammation of the brain.*

Transmission

- It is vector-borne and primarily spread through the bite of infected sand flies, mosquitoes, which are tiny blood-feeding insects.



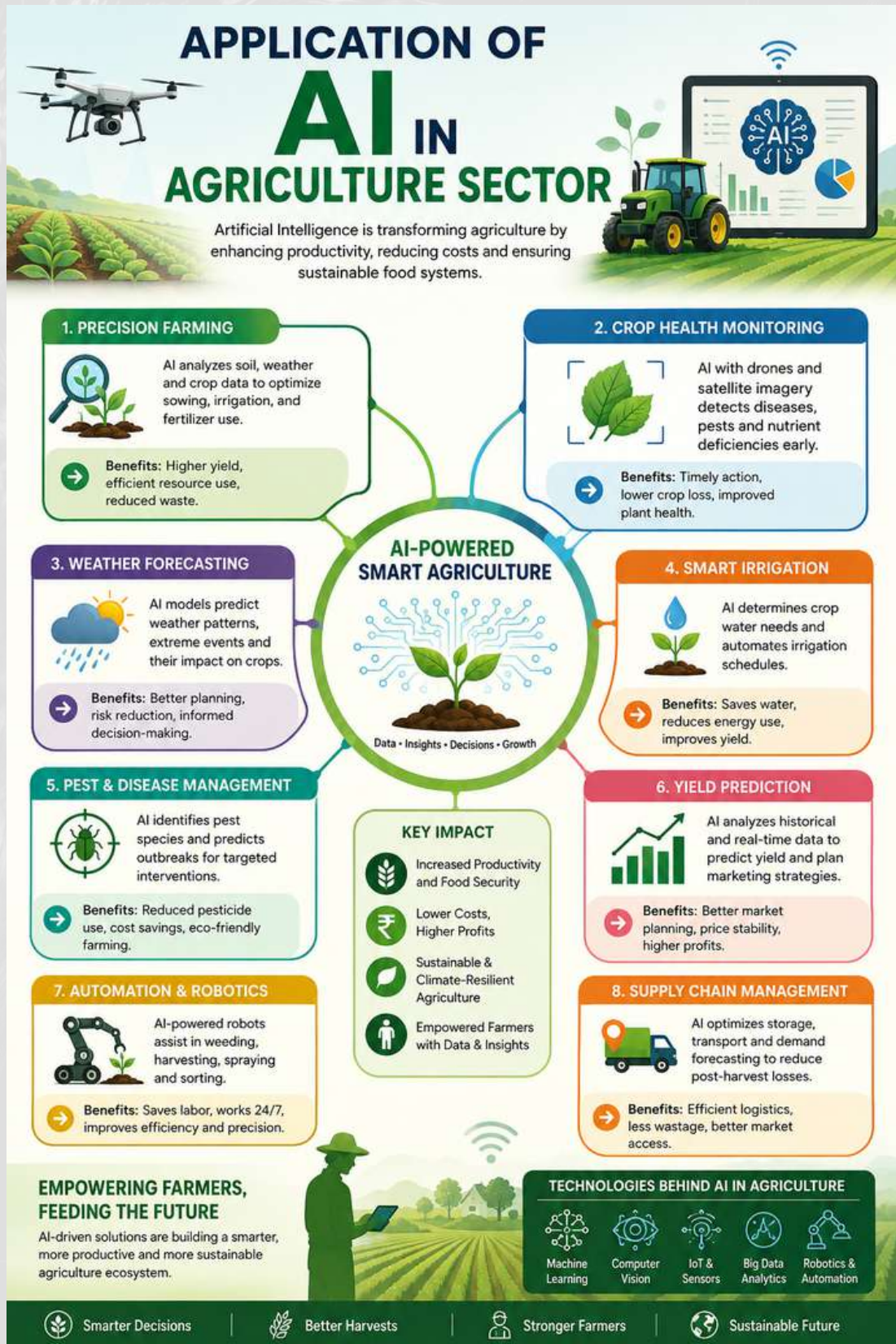
Symptoms

- Symptoms resemble the flu, including fever, body aches, and headache. It can cause altered mental state, seizures, encephalitis, respiratory distress, bleeding tendencies, and anaemia in advanced stages.

Treatments

- There is no specific antiviral treatment or vaccine

2 Application of AI in the Agriculture Sector (Source: PIB)





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3 National Mission for Natural Farming (Source: PIB)

It is a centrally sponsored scheme launched in 2024 to promote chemical-free, low-cost natural farming across India.

- It aims to improve soil health, reduce input costs, support climate-resilient agriculture, and provide safe food.

Features

- **Coverage Target:** 15,000 clusters in Gram Panchayats, aiming to reach 1 crore farmers and cover 7.5 lakh hectares in the initial phase.
- **Support System:** 10,000 Bio-input Resource Centres to make natural farming inputs available locally.
- **Demonstration and Training:** Around 2,000 natural farming model demonstration farms and farmer training/master trainers.
- **Incentive:** ₹4,000 per acre per year for 2 years, up to 1 acre per farmer.
- **Market Support:** Simple certification and common branding for natural farm produce.