



07 June 2024

Telangana State Regional News

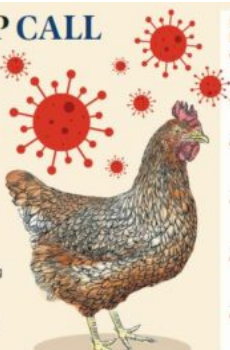
Avian Influenza

**WAKEUP CALL**

**WHAT IS H5N1?**  
Avian influenza (H5N1) infection is highly pathogenic and has potential to be transmitted to humans

**H5N2**  
It is a subtype of H5N1; WHO on Thursday confirmed world's first bird flu human death in Mexico

**SYMPTOMS**  
High temperature, aching muscles, headache, cough, shortness of breath, diarrhea, stomach and chest pain, bleeding of nose and gums, conjunctivitis



**H5N1 CASES REPORTED RECENTLY IN INDIA**

- o Andhra Pradesh, Maharashtra, Kerala, Jharkhand
- o Unusual deaths of poultry and other birds reported in these 4 States
- o Since March, 2024, globally H5N1 cases are rising in multiple countries
- o Multiple States in United States reported H5N1 outbreaks and one human case of H5N1
- o Wider systemic and intense genomic sequencing of avian influenza
- o No specific vaccines of treatment available for H5N1/H5N2

Context:

- The outbreak of avian influenza, particularly strains like H5N2 and H5N1, has raised significant concerns globally.
- The recent confirmation of the world's first human fatality due to avian influenza (H5N2) in Mexico, along with ongoing outbreaks in Indian states like Andhra Pradesh and Kerala, underscores the need for proactive measures to control the spread of the virus.

About:

- Highly contagious viral infection affecting birds, both wild and domestic.
- Notably includes the highly pathogenic avian influenza H5N1 strain.

H5N1 Virus:

- First identified in domestic waterfowl in Southern China in 1996.

Transmission to Humans:

- Human infections are rare and difficult to transmit person-to-person.
- WHO reports a mortality rate of about 60% for infected individuals.
- Symptoms range from mild (fever, cough, muscle aches) to severe (pneumonia, difficulty breathing, cognitive issues like altered mental status and seizures).

Avian Influenza in India:

Control Measures:

- India's "detect and cull" policy as per the National Action Plan for Prevention, Control, and Containment of Avian Influenza (revised - 2021).

Amrabad Tiger Reserve

Context:

- The State Forest Department, following the successful relocation of 94 families from the Kawal Tiger Reserve (KTR) last year, is now preparing to relocate approximately 415 families from the Amrabad Tiger Reserve (ATR).
- This move aims to free up around 1192 hectares of forest land, enhancing conservation efforts.

Key points:



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	<ul style="list-style-type: none"> <li>• The Amrabad Tiger Reserve which is part of the Nallamala Forest track has rich Biological Diversity with several endemic species of flora and fauna.</li> <li>• This Forest tract is home to the largest number of Tigers in Telangana.</li> <li>• The hilly terrain of this Tiger Reserve with deep valleys and gorges forms the catchment of the Krishna River.</li> <li>• This Tiger Reserve (ATR) is one of the largest tiger reserves in India that extends about 2611.4 Sq Km over Nagarkurnool and Nalgonda districts of Telangana Amrabad Tiger Reserve a well-known and well-preserved nature reserve in Nallamala Hills, part of the Eastern Ghats chain.</li> <li>• This is the <b>second-largest Tiger Reserve</b> in terms of core area but the sixth-largest tiger reserve in terms of total area among <b>51 Tiger Reserves in India</b>.</li> <li>• The reserve was notified as a sanctuary in the year <b>1983 and after the bifurcation of Telugu States in 2014, it was declared as Amarabad Tiger Reserve</b>.</li> <li>• It lies in the three forest divisions of Amarabad, Achampet in Nagarkurnool district, and Nagarjunsagar division in Nalgonda district.</li> </ul>
Naryanpet-Kodangal lift irrigation scheme	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• The Telangana state government has decided to expedite the <b>Narayanpet-Kodangal Lift Irrigation Scheme</b>.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>• The estimated cost of the <b>Narayanpet-Kodangal Lift Irrigation Scheme is around Rs 4,350 crore</b>, and it will be constructed in two phases.</li> <li>• Chief Minister A Revanth Reddy laid the foundation for this project in February this year.</li> <li>• The project will source water from the <b>Bhutpur reservoir, lifting it to the Vutkur tank</b>. From there, it will be further lifted to the Jayamma tank and then to the Kankurthy tank.</li> <li>• The government plans to spend Rs 2,945 crore on the first phase, which includes modernizing the Vutkur, Jayamma, and Kankurthy tanks.</li> <li>• This project aims to <b>provide irrigation water to one lakh acres across Narayanpet, Kodangal, and Makthal Assembly segments, as well as the Narayanpet district</b>.</li> <li>• Additionally, it will supply drinking water to the Narayanpet district.</li> </ul>
CM Breakfast Scheme Expansion	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• As schools in Telangana prepare to reopen on June 12, the School Education Department is set to review the</li> </ul>



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	<p>expansion of the 'Chief Minister's Breakfast Scheme' to more schools across the state.</p> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>• Currently, the scheme is implemented in 3,500 schools, providing breakfast to students from Class 1 to 10. Launched in October 2023 by the then BRS government, the program received an allocation of Rs 672 crore, targeting 27,147 government schools.</li> </ul>
<p><b>Telangana to Establish Agricultural Export Hub for SHGs</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• The Telangana state government is setting up an agricultural export hub aimed at empowering women in agribusiness.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>• This initiative, under the <b>Telangana Mission for Elimination of Poverty in Municipal Areas (TMEPMA)</b>, is in collaboration with the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT).</li> <li>• The hub will provide the necessary environment and infrastructure for <b>Self Help Groups (SHGs)</b> to thrive.</li> <li>• The <b>primary goal of this project is to position Telangana as a leading state for agricultural exports.</b></li> <li>• It seeks to <b>enhance agribusiness and export marketing opportunities for women, promoting agri-entrepreneurship in the Hyderabad Metropolitan Development Authority (HMDA) region.</b></li> <li>• ICRISAT will collaborate with the <b>National Institute for Urban Management, MEPMA, and HMDA.</b></li> <li>• The focus will be on conducting a comprehensive study to identify potential export markets for agricultural produce and value-added products.</li> <li>• The establishment of agri-export hubs in the HMDA region is a key component, with a special emphasis on empowering urban SHGs through agriculture-based entrepreneurship.</li> <li>• <b>This includes promoting GI-based agricultural exports and high-value crops under the Mahalaxmi scheme.</b></li> </ul>



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