



Swine Fever

Why in News

- Recently, more than a thousand pigs have died in Saran district of Bihar, for which prima facie swine fever is believed to be responsible.

Key Points

- Swine fever is a contagious animal disease. There are mainly two types of it:

1. African Swine Fever (ASF)

- It is a highly contagious and fatal animal disease, which infects domestic and wild boars and leads to an acute form of hemorrhagic fever.
- ASF does not pose a threat to humans, as it only spreads from animal to animal.

2. Classical Swine Fever (CSF)

- CSF is also known as Hog Cholera.
- It is caused by a virus of the genus Pestivirus (family Flaviviridae), which is closely related to the viruses that cause bovine viral diarrhoea in cattle and border disease in sheep.
- ICAR-IVRI has developed a cell culture CSF vaccine (live attenuated) using lapinized vaccinia virus from a foreign strain.