

CLASSICAL SWINE FEVER (HOG CHOLERA) IN PIGS

Hog cholera or classical swine fever (CSF) is a highly contagious multisystemic haemorrhagic viral disease of domestic pigs, wild boars, pygmy hogs and feral pigs. It is an economically damaging disease of swine which can spread to large population in a short time.

How To Diagnose:



Hog cholera affected adult pig having high temperature and show tendency to hide inside straw.



Affected piglets show high fever, rough hair coat, in coordination in movement.



CSF affected pigs showing posterior paralysis.



CSF affected pigs lie down and reluctant to move.



Pin point to pin head haemorrhages in the skin of CSFV infected pig.



Patchy haemorrhages in the skin of CSFV infected pig.



Chronic CSFV infection causes diarrhoea, debilitating condition and posterior weakness in pig.



Sloughing of skin in the ear of CSF affected adult pig.



Abortion in CSF virus infected pregnant sows.

Type samples to be collected :

From ailing pigs-serum and blood. In dead pigs- tissue samples like tonsil, lymph node, spleen, kidney, ileal loop.

Laboratory tests to be performed :

- i. Serological test- ELISA, FAT
- ii. Virus isolation
- iii. PCR

Whom To Contact:

- Local Veterinarian Officer/ Field Assistant.
- ADMaC, Core Lab, AAU, Khanapara, ICARC-NEH, Barapani, CAU, Selesih, Aizaw, Mizoram
 - ◆ Dr Arnab Sen, Email : arnabsen123@gmail.com, Mob no: 08974027632,
 - ◆ Dr. N.N.Barman, E mail: nnbarman@gmail.com, Mob No.0943555 8788
 - ◆ Dr Tapan Dutta, Email: tapandutta@rediffmail.com, Mob no: 09862335294,

What will you do:

- Lock your farm and do not allow pigs to move in and out.
- Separate the affected ones from the healthy.
- Stop selling pork, piglets in the market.
- Inform nearest Veterinary Doctor/Field Assistant.

- Send appropriate samples through Veterinary Doctor/Field Assistant to the nearest diagnostic laboratory/ ADMaC Core Lab-I, Khanapara for diagnosis of the disease..
- Bury dead pigs in 5 to 6 feet deep pit putting sufficient amount of common salt/lime or washing soda.
- Spray regularly with 4% washing soda or 4% phenol in the farm surrounding and floor of the pig house.
- Hotel/ household foods should be boiled before providing to pigs.
- Regularly vaccinate the herd as per schedule. Vaccine will be available at-
 - Veterinary Biologicals Animal Husbandry and Veterinary Department Guwahati, Khanapara.
 - College of Veterinary Science, Khanapara, Guwahati.