**AFRICAN SWINE FEVER (ASF)**

A CONTAGIOUS VIRAL DISEASE AFFECTING PIGS AND WILD BOARS (NOT HUMANS)

FOR ANY SUSPICION OF ASF, PLEASE CONTACT
THE MAIN DEPARTMENT OF VETERINARY MEDICINE, UKRAINE: +38 044 279-48-15

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**ASF AT A GLANCE**

- **Public health risk:** NO THREAT TO HUMANS
- **Mortality and morbidity:** REACHING 100%
- **Animals affected:** DOMESTIC PIGS AND WILD BOAR
- **Symptoms:**
  - FEVER (>41.5 °C)
  - LOSS OF APPETITE
  - NERVOUS DISORDERS
  - SUDDEN DEATH
- **Estimated potential losses:** USD 127.5 MILLION

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**MODES OF TRANSMISSION**

1. Pig eats infected meat or comes into contact with infective secretions/tissues, pig carcasses/infected meat, feed, vehicles, equipment, clothing/boots
2. Pig develops ASF infection
3. Infected pigs are slaughtered and taken to market or illegally disposed of, which further contributes to the spread of ASF

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**WAYS TO PREVENT**

- Do not feed pigs with pig remains or table scraps. If you must, boil swill for 20-30 minutes and allow to cool before feeding
- On-farm clothes and boots should not leave the farm
- Maintain strong control at entry/exit points for pigs/pigsties, people and vehicles

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**TIMELY REPORTING AND CULLING SAVES**

Assessed losses due to ASF spread in Ukraine, 2015

1. 50% OF INFECTED PIGS CULLED
2. 60% OF INFECTED PIGS CULLED
3. 70% OF INFECTED PIGS CULLED

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**ASSESSMENT OF ECONOMIC LOSSES, OUTBREAK ON 1000-HEAD PIG FARM**

July 2015

- **LOST BUDGET** USD 19 500
- **WHEAT STORAGE LOSSES** USD 12 000
- **CULLING AND DISINFECTION COSTS** USD 16 500
- **PRODUCER LOSSES AND CULLED PIGS** USD 113 000
- **TOTAL LOSSES ESTIMATED AT USD 161 000**

The 3 scenarios above show the impact of timely and proper culling on the rate of ASF spread and total national losses under a set of assumptions.