



## WHAT IS AFRICAN SWINE FEVER?

### African swine fever (ASF)

is an acute, potent, highly contracted infectious disease caused by African swine fever virus (ASFV) with a high incidence and mortality rate of up to 100%.

The World Organization for Animal Health (OIE) lists it as a notifiable animal disease and China lists it as a Class A animal disease.

### ASF:

- is resistant to low temperatures
- has a wide range of pH resistance (virus inactivated at  $\text{pH} < 3.9$  or  $\text{pH} > 11.5$ )
- can be inactivated at high temperatures (heating at  $56^{\circ}\text{C}$  for 70 minutes or  $60^{\circ}\text{C}$  for 20 minutes<sup>1</sup>)

### It can survive:

- for a long time in blood, feces and tissue; uncooked and cured meats, and swill
- for several years to decades within frozen meat

<sup>1</sup> African Swine Fever Technical Disease Card, OIE (World Organisation for Animal Health).

