

Member's update on African Swine Fever

China

Jinming LI

Research fellow, CAHEC

22 – 23 July 2025

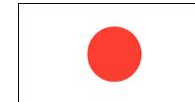
Tokyo, Japan



World Organisation
for Animal Health

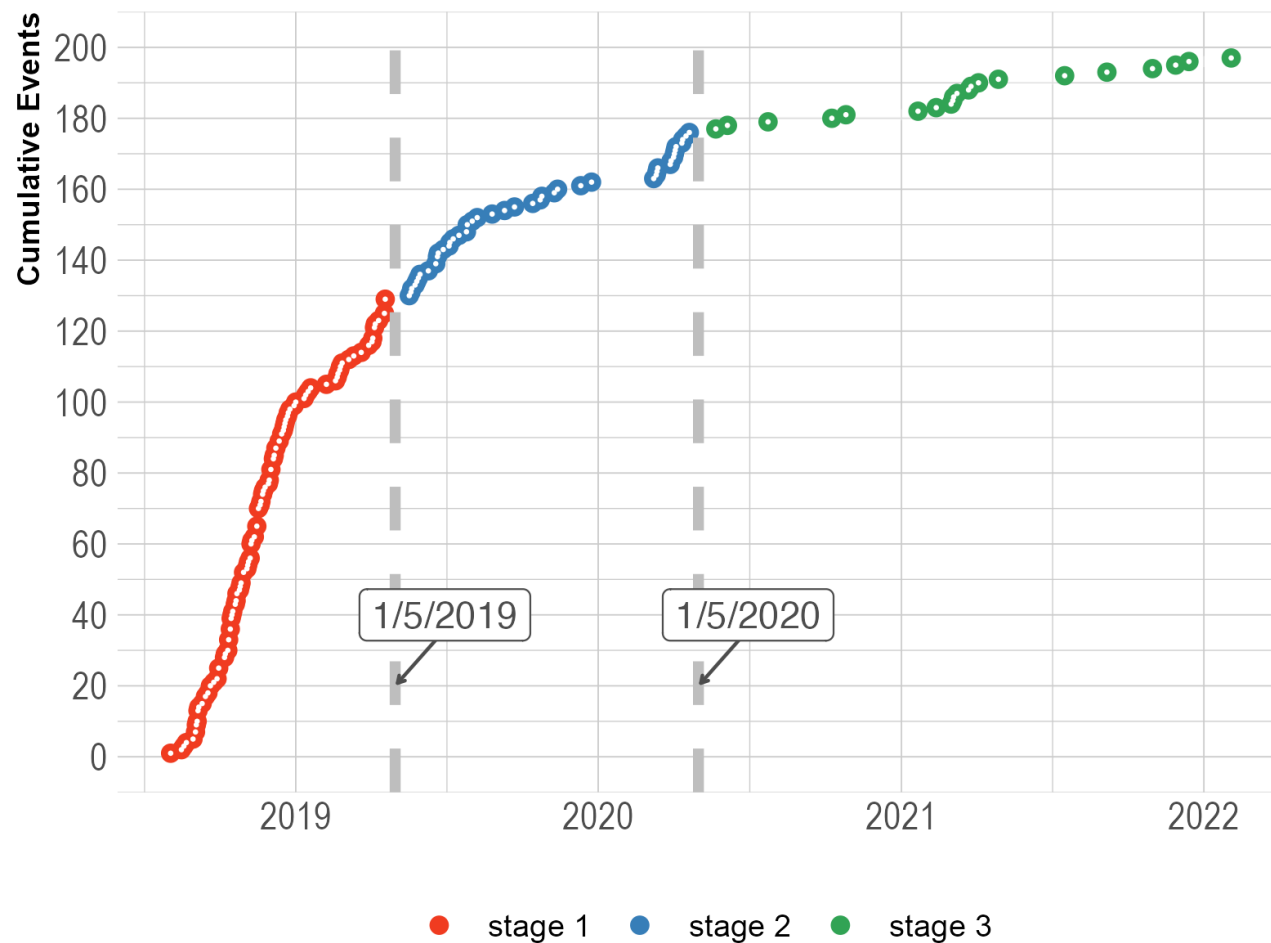
中华人民共和国农业农村部

Ministry of Agriculture and Rural Affairs of the People's Republic of China



Ministry of Agriculture,
Food and Rural Affairs

Disease situation



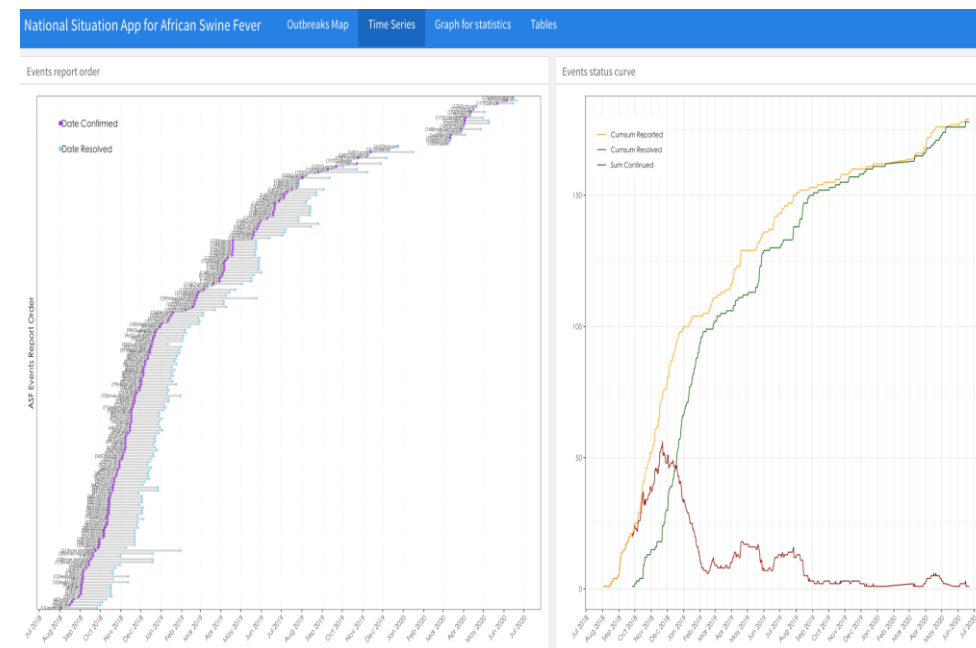
Data Source: MARA

As of 20 Jul, 2025

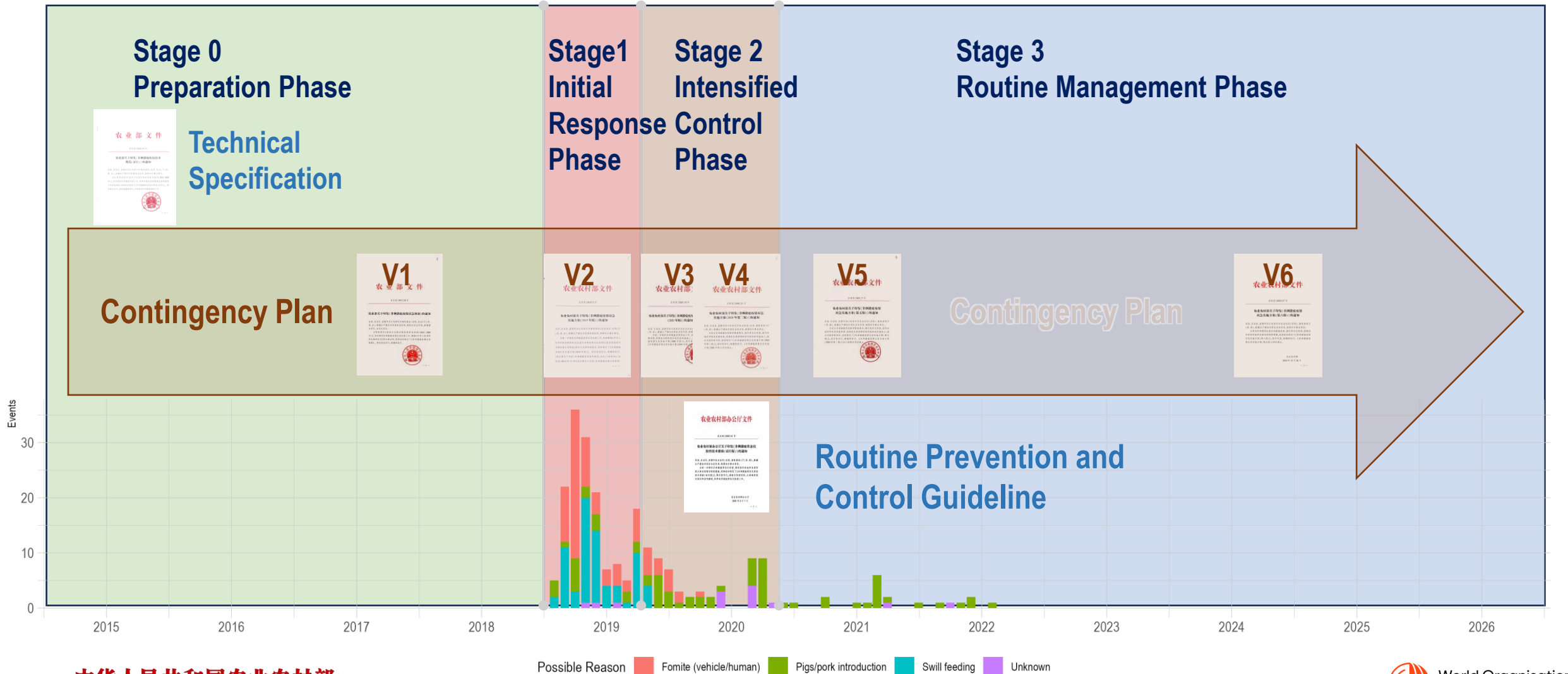
Events Confirmed: **197**

• Domestic Pigs:  **191**

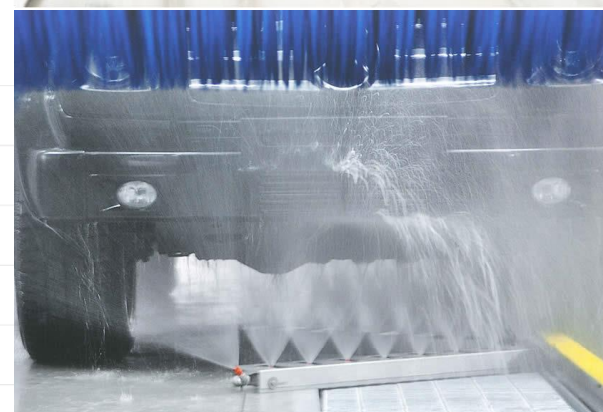
• Wild Boar:  **6**



Disease prevention and control



Disease prevention and control

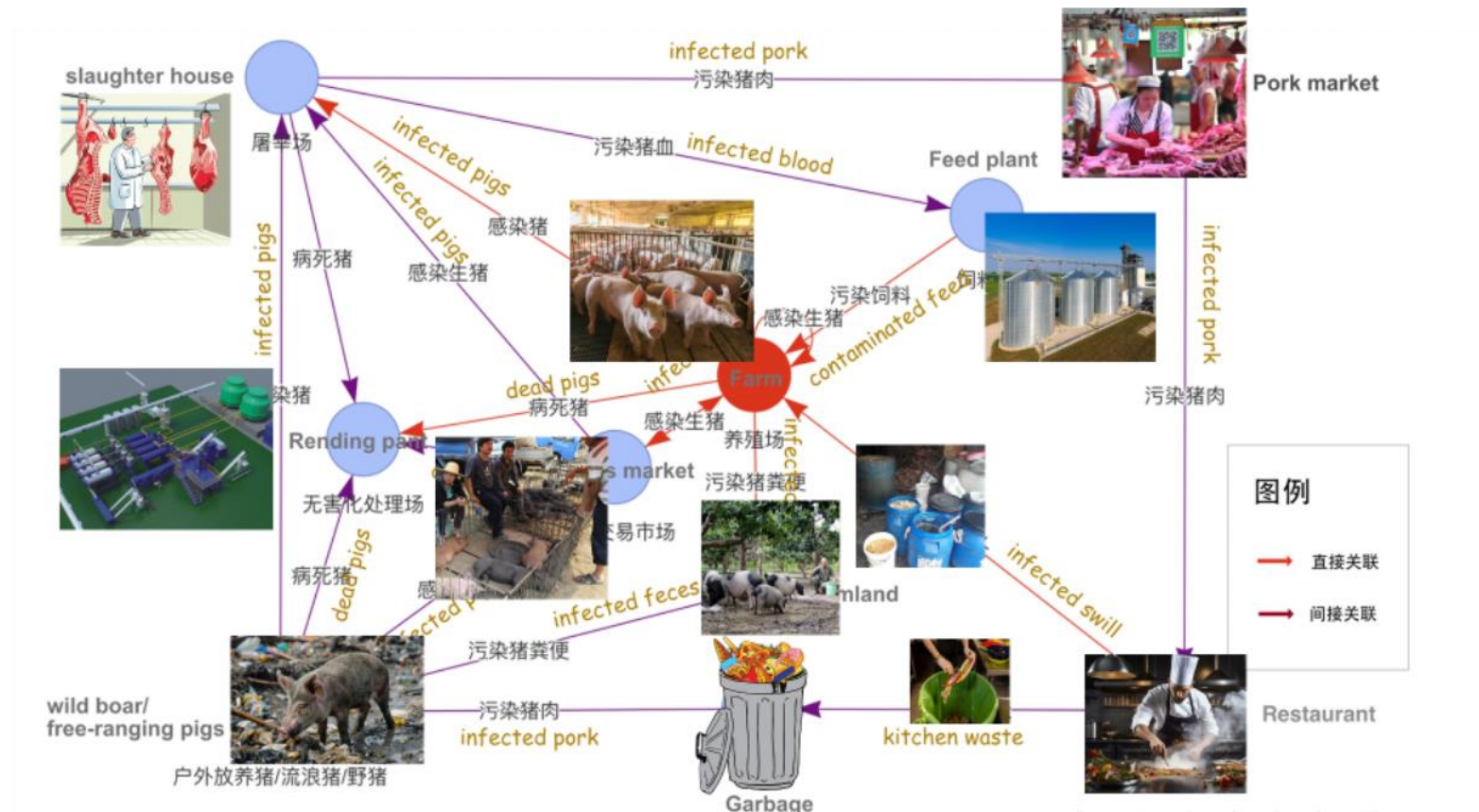


Disease prevention and control

National Level

It is critical to interrupt the circulation of the virus within the pig supply chain and effectively reduce the viral load to minimize the risk of disease transmission.

- **Biosecurity System**
Minimizes viral load throughout all stages
- **Animal Movement Control**
Reduces risk of disease transmission
- **Disease Surveillance**
Enables early detection and risk assessment
- **Emergency Response**
Minimizes impact of disease outbreaks



Disease prevention and control

Zonal Management



中华人民共和国农业农村部
Ministry of Agriculture and Rural Affairs of the People's Republic of China

请输入关键字

搜索

首页 机构 新闻 公开 政务服务 专题 互动 数据 业务管理

当前位置: 首页 > 2021 > 第5期

农业农村部关于印发《非洲猪瘟等重大动物疫病分区防控工作方案（试行）》的通知

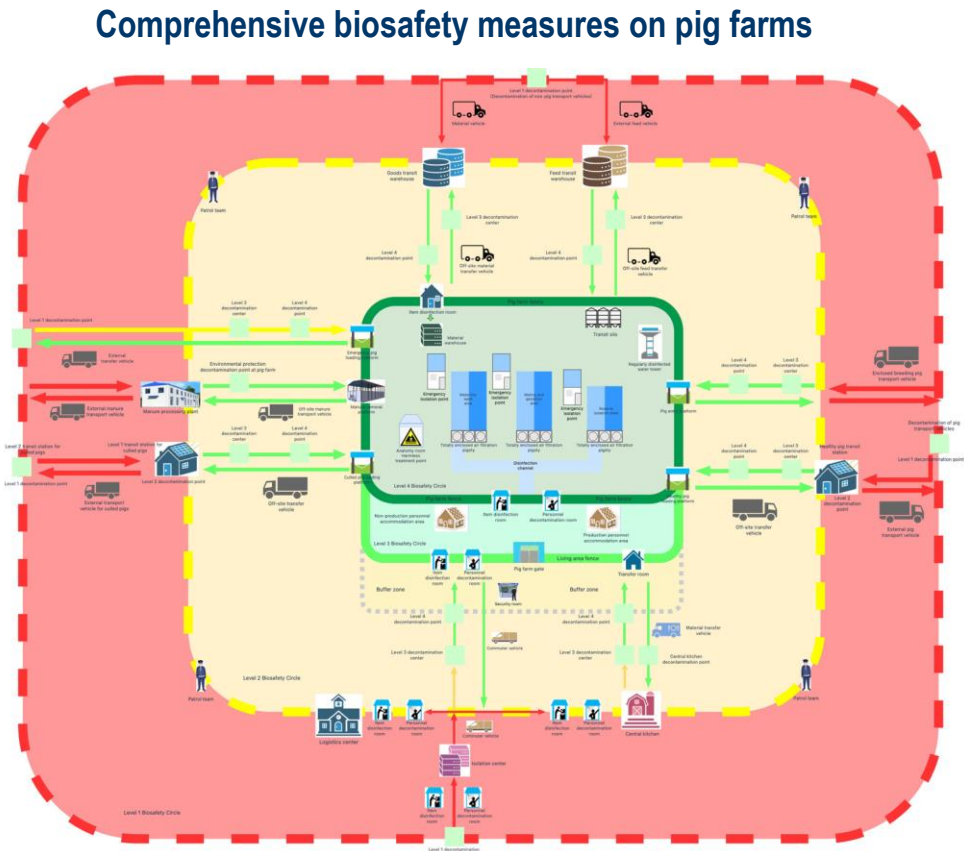
日期: 2021-10-21 15:33 作者: 来源: 农业农村部 【字号: 大 中 小】 打印本页

各省、自治区、直辖市人民政府，新疆生产建设兵团，应对非洲猪瘟疫情联防联控工作机制各成员单位：

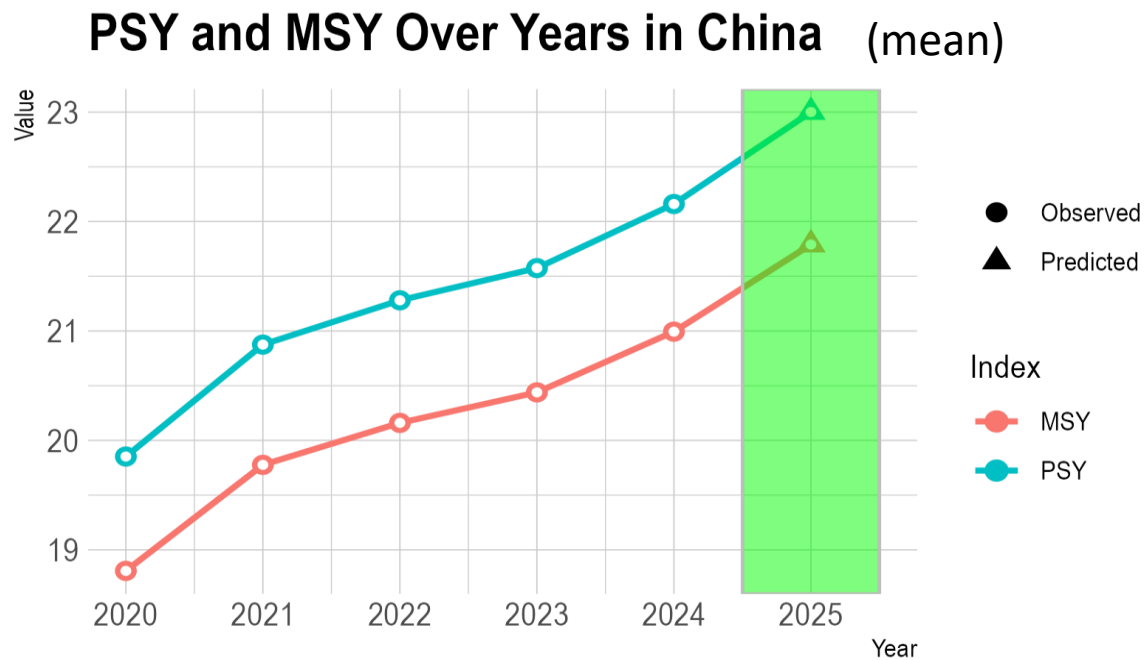
为贯彻落实《中华人民共和国动物防疫法》和《国务院办公厅关于促进畜牧业高质量发展的意见》（国办发〔2020〕31号）有关要求，统筹做好非洲猪瘟等重大动物疫病防控和生猪等重要畜产品稳产保供，经国务院同意，自2021年5月1日起在全国范围开展非洲猪瘟等重大动物疫病分区防控工作。现将《非洲猪瘟等重大动物疫病分区防控工作方案（试行）》印发你们，请认真抓好落实，建立健全分区防控联席会议制度，完善分区防控政策措施，确保各项工作有序推进。

农业农村部
2021年4月16日

Compartmentalisation Management



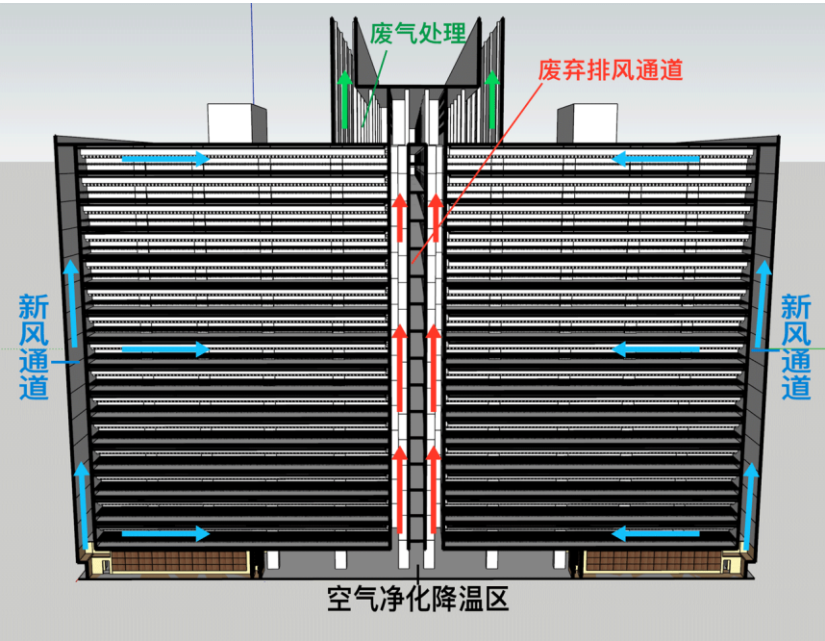
Disease prevention and control



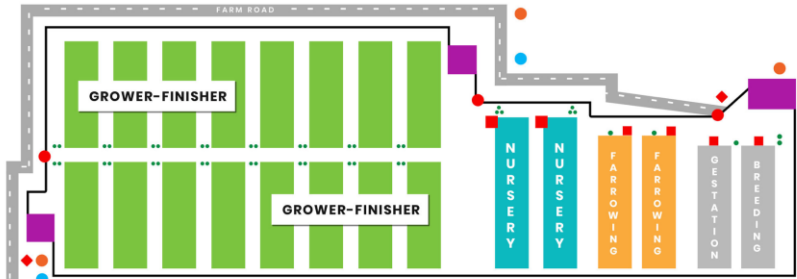
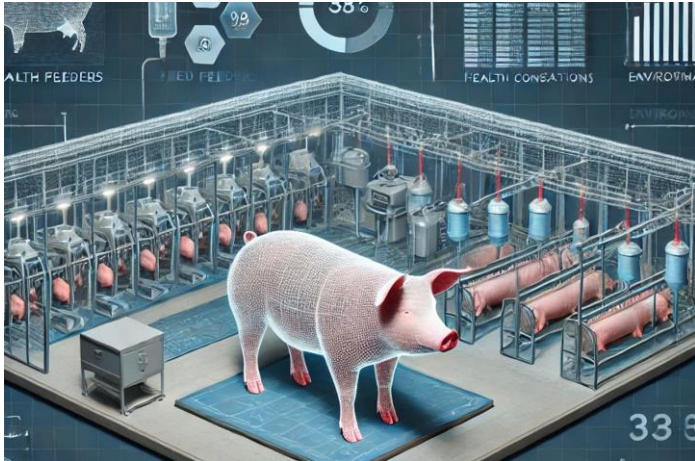
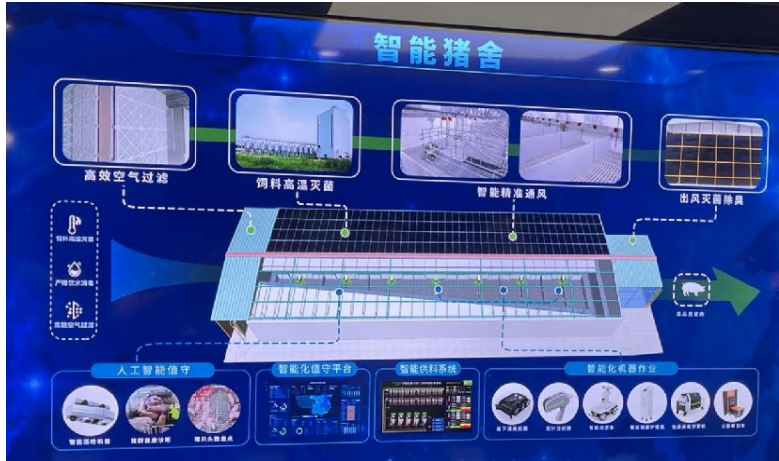
Datasource: MARA



Cost of pig production: 13~14 RMB/Kg



Commercial Piggery Farm



- LEGEND**
- BIOSECURITY POINT
Locked Gate & Signage
 - FEED SILO
 - BIOSECURITY POINT
Hand Wash & Footbath
 - CYCLONE FENCE
 - SHOWER ROOM & OFFICE
 - GUARD POST
 - WATER TANK
 - ◆ BIOSECURITY POINT
Disinfectant Spraying of Vehicles

Laboratory capacity

Diagnostic techniques for African swine fever (National Standards)

Purpose	Method	Target Gene/Protein	Fragment length
Agent identification	• Conventional PCR	B646L (P72)	257bp
	• RT-PCR	B646L (P72)	181bp
	• RPA/RAA	B646L (P72)	137bp
	• HFI	Udefined	/
	• Sandwich ELISA	Udefined (P30)	/
	• Virus isolation (BSL-3)	/	/
Detection of immune response	• Indirect ELISA	Udefined (P30)	/
	• Blocking ELISA	Udefined (P30)	/
	• Sandwich ELISA	Udefined (P54)	/
	• IFA	/	/

ICS 11.220
B 41



中华人民共和国国家标准

GB/T 18648—2020
代替 GB/T 18648—2002



非洲猪瘟诊断技术

Diagnostic techniques for African swine fever

2020-12-14 发布

2020-12-14 实施

国家市场监督管理总局
国家标准化管理委员会 发布

Laboratory capacity

Certified Diagnostic Test Kits in China as of Jul, 2025

	Method	Test kits numbers
Agent identification	Real-time PCR detection kit	11
	Real-time PCR detection kit (one-step)	1
	Real-time PCR detection kit (extraction-free)	1
	Triplex Real-time PCR Detection Kit (P72, CD2v, MGF)	1
	PCR detection kit	1
	LAMP/RAA/RPA kit	3
	Fluorescent Microsphere-Based Lateral Flow Assay Strip	1
	Latex-Based Lateral Flow Assay Strip	1
Antibody detection		
	Indirect ELISA Kits for ASFV Antibody Detection	5
	Blocking ELISA Kit ASFV Antibody Detection	1

Proposal for future activities

- Given the fact that ASFV is endemic in East Asia, short-term priorities should focus on protecting pig production rather than virus eradication.

Thank you

Jinming LI

Research Fellow

lijinming#cahec.cn

