

# **US Swine Health Improvement Plan (US SHIP)**



# **Program Standards**

Updated after 4<sup>th</sup> House of Delegates Meeting  
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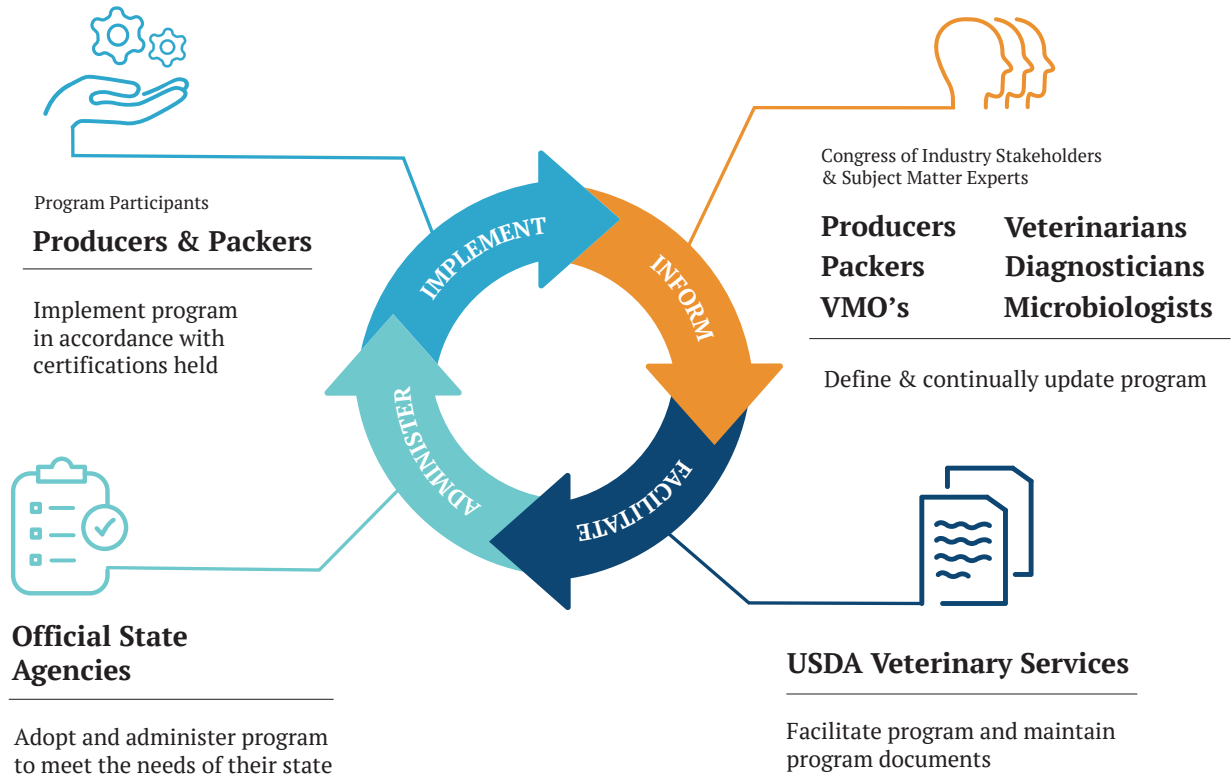


# US Swine Health Improvement Plan



## ASF-CSF Monitored Certification

“A proven platform for safeguarding, certifying, and bettering animal health”



## Industry, State, & Federal Partnership

Pathway for improving preparedness across US Pork Industry

US SHIP will establish a **National Playbook** of technical standards centering on **Prevention and Demonstration of Freedom of Disease** Outside of Control Areas in Support of Animal Health, Commerce, and Trade.

## Biosecurity, Traceability, and Disease Surveillance

# Summary of Program Standards

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## Program Standards

A summary of the program standards are listed below. These are the requirements for conferring the US SHIP ASF-CSF Monitored Certification to participating Production Sites and Slaughter Facilities.

Note: Slaughter facilities will not be required to have 100% of their supply chain originating from ASF-CSF Monitored Certified production (farm) sites to participate in US SHIP.

### ENROLLMENT:

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- Participating premises are to be enrolled with the US SHIP Official State Agency (US SHIP OSA) in the state in which the premises is located.

### VETERINARY SERVICE PROVIDER:

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- Producers are to maintain a valid veterinary client-patient relationship with a licensed and federally accredited veterinarian.

### TRACEABILITY:

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#### Premises level information

- Premises level demographic information for each participating premises is to be complete, accurate, current, and on-file with the US SHIP Official State Agency in which the premises is located.

The minimum required demographic information to be recorded for each premises is:	
<input checked="" type="checkbox"/> Premise Identification Number (PIN)	<input checked="" type="checkbox"/> Site Owner Contact Information
<input checked="" type="checkbox"/> Premise Type (Boar Stud, Breeding Herd, Farrow-Feeder/Finish, Growing Pig, etc.)	<input checked="" type="checkbox"/> Common Name of Site
<input checked="" type="checkbox"/> Site Location Information: Latitude and Longitude 911 Street Address, if one has been assigned	<input checked="" type="checkbox"/> Expected Site Capacity (Number of Breeding Swine and/or Growing Pigs)
<input checked="" type="checkbox"/> Date of last usage of the site by swine owner (if applicable)	<input checked="" type="checkbox"/> Date of initial enrollment of the site in US SHIP, or date of first usage of the site by current swine owner

## TRACEABILITY: CONT.

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### Swine movement information

- Participants are to maintain records of the intrastate and interstate movements of live swine into and out of each participating premises.
- Participants must demonstrate competency in providing at least 30 days of movement information electronically in a common format (e.g., a prescribed CSV file) to the US SHIP Official State Agency in a timely manner (e.g. < 72 hours).

For participants with multiple participating premises within a given state, such competency can be demonstrated on a site-by-site basis or en-masse.

The minimum information required to be recorded for each movement is:		
<input checked="" type="checkbox"/> Date of movement	<input checked="" type="checkbox"/> Origin State	<input checked="" type="checkbox"/> Origin PIN
<input checked="" type="checkbox"/> Destination State	<input checked="" type="checkbox"/> Destination PIN	<input checked="" type="checkbox"/> Head in movement (Only when needed to Meet a Regulatory Reporting Requirement)
<input checked="" type="checkbox"/> Animal type in movement		

### Semen movement information

- Boar stud premises participants are to maintain records of the intrastate and interstate movements of semen distributed out of each participating premises.
- Participants must demonstrate competency in providing at least 30 days of movement information electronically in a common format (e.g., a prescribed CSV file) to the US SHIP Official State Agency in a timely manner (e.g. < 72 hours).

For participants with multiple participating premises within a given state, such competency can be demonstrated on a site-by-site basis or en-masse.

The minimum information required to be recorded for each movement is:		
<input checked="" type="checkbox"/> Date of movement	<input checked="" type="checkbox"/> Origin State	<input checked="" type="checkbox"/> Origin PIN
<input checked="" type="checkbox"/> Destination State	<input checked="" type="checkbox"/> Destination PIN	<input checked="" type="checkbox"/> ± Number of units in shipment (Only when needed to Meet a Regulatory Reporting Requirement)

### Animal Identification

- Certified ASF-CSF monitored participants must comply with existing state and federal laws regarding animal/group/lot identification.

## BIOSECURITY:

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### Feed Biosafety

In the event of an ASF or CSF incursion into the US (ASF/CSF Risk Level 3; immediately after incursion, or if state/region positive), participants are to implement a temporary cessation of feeding spray-dried plasma, blood meal, meat and bone meal, intestinal peptide products, or other meal-based feedstuffs that have the potential to be of porcine origin.

This temporary cessation will be lifted if ingredients described above are sourced from:

- a. Suppliers with enhanced post-processing biosafety measures in place<sup>1,2</sup>
- b. States or regions at ASF/CSF Risk Level 2 (Operations normalizing, State or Region negative).
- c. US returns to ASF/CSF Risk Level 1 (US Negative).

<sup>1</sup> Requirements of post-processing treatment facilities:  Enhanced post-processing treatment must occur at facilities that have premises level segregation from:  Premises in which protein sources of porcine origin were initially heat treated (rendered or spray-dried) in accordance with feed grade safety requirements.  AND  Finished feed facilities manufacturing feed for swine.	<sup>2</sup> Approved post-processing treatments:  Thermal processing  OR  Ingredient quarantine/holding time and temperature
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### Feed Supply

- The feeding of swill, garbage, or table waste that has the potential to include meat products is strictly prohibited.

### Personnel

- Permitted individuals that have recently been exposed to livestock, feral/wild pigs or slaughter facilities in ASF/CSF/FMD positive regions or countries abroad should only visit farms or slaughter facilities in the US after observing a 5-day downtime since arriving in the US, and donning PPE (boots/coveralls, etc.) provided by farm site or slaughter facility being visited.

## BIOSECURITY: CONT.

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### Secure Pork Supply Site Plans

- Boar Stud, Breeding Herd, Farrow to Feeder, Farrow to Finish, and Growing Pig sites (US SHIP Production Site Types) must be able to provide access to a completed Secure Pork Supply Biosecurity Plan to the OSA within 24 hours of the request.

## SAMPLING AND TESTING (DISEASE SURVEILLANCE):

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- Sampling and Testing Requirements of Participants

- Maintain compliance with ASF-CSF Sampling and Testing Requirements

US SHIP sampling and testing requirements will *vary by Production Site Type* and the *ASF-CSF status* of the US, State, or Region (**Tables 1, 2, and 3**).

The program is based on targeted testing of animals of poor or sub-standard health. Targeted sampling enhances both the efficiency of detection and the simplicity of sample collection across the spectrum of commercial and non-commercial farms in the U.S.

The frequency of on-site sampling is a function of time and is independent of the timing of pig movement, thereby providing for a uniform and continuous system of disease monitoring across production sites, areas, and regions.

US SHIP ASF-CSF tests are to be used for screening purposes only. Non-negative results would result in the testing laboratory (USDA NAHLN lab certified to conduct ASF-CSF testing) contacting the appropriate State and Federal animal health officials to initiate a Foreign Animal Disease Investigation (FADI) for the collection of additional samples for official ASF-CSF testing (confirmatory) purposes.

Table 1. Sampling and Testing Requirements for ASF-CSF Risk Level 1.

<div style="background-color: black; color: white; padding: 5px; font-weight: bold;">ASF/CSF Status = Level 1, US Negative (Peace Time)</div>				Sampling & Testing Requirements (Alternative Options)		
				Option 1 Individual Only		Option 2 Aggregate Only (Group or Pen)
				# of Individuals	# of Pools (Groups of up to 5)	# of Samples
Production Site Type	Specimen Type(s)	I or A <sup>1</sup>	Frequency / Timing of Sampling			
<b>Boar Stud</b> Mature Boars, Distributing Semen, ± On-Site Isolation	Oral Swab Blood Swab Oral Fluids	I I I		No Additional Sampling and Testing Required		
<b>Breeding Herd</b> Breed to Wean, Breeding/ Gestation/ or Farrow Only, ± On-Site GDU or Isolation	Oral Swab Blood Swab Oral Fluids	I I I		No Additional Sampling and Testing Required		
<b>Growing Pig</b> Nursery, Grower, Finisher, Isolation	Oral Swab Blood Swab Oral Fluids	I I A		No Additional Sampling and Testing Required		
<b>Farrow to Feeder                      Farrow to Finish</b>	Requirements of Breeding Herd + Growing Pig In Numbers, and Growing Pig Only in Frequency					
<b>Small Holding</b> ≥ 100 or < 1,000 Breeder or Feeder Swine	Oral Swab Blood Swab Oral Fluids	I I I or A		No Additional Sampling and Testing Required		
<b>Non-Commercial</b> < 100 Breeder or Feeder Swine.	Oral Swab Blood Swab Oral Fluids	I I A		No Additional Sampling and Testing Required		

<sup>1</sup> I = Individual Sample, A = Aggregate (Group or Pen) Sample

Table 2. Sampling and Testing Requirements for ASF-CSF Risk Level 2.

**ASF/CSF Status = Level 2,  
US Positive, Operations Normalizing, and  
State or Region Negative (All US SHIP  
Testing is outside of Control Areas)**

Sampling & Testing Requirements (Alternative Options)

Production Site Type	Specimen Type(s)	I or A <sup>1</sup>	Frequency / Timing of Sampling	Option 1 Individual Only		Option 2 Aggregate Only (Group or Pen)
				# of Individuals	# of Pools (Groups of up to 5)	# of Samples
<b>Boar Stud</b> Mature Boars, Distributing Semen, ± On-Site Isolation	Oral Swab Blood Swab Oral Fluids	I I I	2X per month	10	2	-
<b>Breeding Herd</b> Breed to Wean, Breeding/ Gestation/ or Farrow Only, ± On-Site GDU or Isolation	Oral Swab Blood Swab Oral Fluids	I I I	Monthly	10	2	-
<b>Growing Pig</b> Nursery, Grower, Finisher, Isolation	Oral Swab Blood Swab Oral Fluids	I I A	Monthly	10	2	2
<b>Farrow to Feeder Farrow to Finish</b>	Requirements of Breeding Herd + Growing Pig In Numbers, and Growing Pig Only in Frequency					
<b>Small Holding</b> ≥ 100 or < 1,000 Breeder or Feeder Swine	Oral Swab Blood Swab Oral Fluids	I I I or A	Monthly	5	1	1 per 500, or 2 if > 500 pigs
<b>Non-Commercial</b> < 100 Breeder or Feeder Swine	Oral Swab Blood Swab Oral Fluids	I I A	Quarterly	5	1	1

<sup>1</sup> I = Individual Sample, A = Aggregate (Group or Pen) Sample



Table 3. Sampling and Testing Requirements for ASF-CSF Risk Level 3.

**ASF/CSF Status = Level 3,  
US Positive, Immediately After Incursion,  
or if State or Region Positive. (All US  
SHIP Testing is Outside of Control Areas)**

Sampling & Testing Requirements (Alternative Options)

Production Site Type	Specimen Type(s)	I or A <sup>1</sup>	Frequency / Timing of Sampling	Option 1		Option 2
				Individual Only		Aggregate Only (Group or Pen)
				# of Individuals	# of Pools (Groups of up to 5)	# of Samples
<b>Boar Stud</b> Mature Boars, Distributing Semen, ± On-Site Isolation	Oral Swab Blood Swab Oral Fluids	I I I	Weekly	10	2	-
<b>Breeding Herd</b> Breed to Wean, Breeding/ Gestation/ or Farrow Only, ± On-Site GDU or Isolation	Oral Swab Blood Swab Oral Fluids	I I I	2X per month	10	2	-
<b>Growing Pig</b> Nursery, Grower, Finisher, Isolation	Oral Swab Blood Swab Oral Fluids	I I A	Monthly	20	4	1 per 500 pigs with maximum of 8 per site
<b>Farrow to Feeder Farrow to Finish</b>	Requirements of Breeding Herd + Growing Pig In Numbers, and Growing Pig Only in Frequency					
<b>Small Holding</b> ≥ 100 or < 1,000 Breeder or Feeder Swine	Oral Swab Blood Swab Oral Fluids	I I I or A	Monthly	10	2	1 per 500, or 2 if > 500 pigs
<b>Non-Commercial</b> < 100 Breeder or Feeder Swine	Oral Swab Blood Swab Oral Fluids	I I A	Monthly	5	1	1

<sup>1</sup> I = Individual Sample, A = Aggregate (Group or Pen) Sample

## **SAMPLING AND TESTING (DISEASE SURVEILLANCE): CONT.**

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- ☑ Incorporating Use of USDA ASF/CSF Active Surveillance of Case Compatible Submissions to Veterinary Diagnostic Labs Into the US SHIP ASF/CSF Monitored Certification Program.

### **Additional Program Administrative Requirement for US SHIP Sampling & Testing:**

- ASF/CSF test records of case-compatible submissions from US SHIP ASF/CSF Monitored premises included in the USDA ASF/CSF Active Surveillance program (i.e., routine screening of case-compatible submissions made to veterinary diagnostic labs in the National Animal Health Lab Network) are to be collated, summarized and made available in near-real time to the appropriate stakeholder audiences. The US SHIP Official State Agencies and State Animal Health Officials Premises are to be provided access to the total number and specific US SHIP ASF/CSF Monitored premises being surveilled via this surveillance stream in their state. Aggregate level summaries (state level data) of the total number tests of and total number of US SHIP ASF/CSF Monitored premises being surveilled via this USDA ASF/CSF Active Surveillance program are to be made available to broader US pork industry stakeholder audiences.
- The Site Name, Premises Identification Number (PIN), and State where the animals being tested are located are required to be included on US SHIP Qualifying submissions made to veterinary diagnostic labs.

### **Notes:**

- US SHIP Program Administrative Requirements are relevant to all US SHIP Sampling and Testing. However, the initial focus of this requirement and associated deliverables centers on US SHIP ASF/CSF Risk Level 1 (ASF/CSF Not Present in US / Peacetime).
- This US SHIP Program Administrative Requirement does not have any impact on the means (current standard practices used) in which Submitting Veterinarians and Program Participants are routinely receiving tests result information from their veterinary diagnostic lab service providers.