

Welcome!

The webinar will begin shortly.



GlobalVetLink
Your Animal Health Compliance Assistant



Updates for Production Animal Veterinarians

Wednesday, August 24th 12:00 p.m. CT

Welcome

Becca Haugland

Senior Marketing Manager

GlobalVetLink



Webinar Recording Availability



A link to a recorded video of today's presentation will be sent to the email address that you registered with.



The recorded webinar will also be made available on GlobalVetLink's website.

Housekeeping & Questions

- To minimize your control panel and see all of the page, click on the orange arrow at the top left corner of the control panel. Click it again to enlarge.
- To ask a question, type into the **[Enter a question for staff]** box on your control panel, click **[Send]** button.

Continuing Education Credit

- This program has been approved for one (1) hour of continuing education credit in jurisdictions that recognize RACE approval.
- You must be present for at least **50 minutes to qualify**.
- CE certificates will be **sent within 2 weeks**.

Agenda



- FDA Updates & Impact on VFDs
- Antimicrobial Regulation Changes & Impact on Prescriptions
- Foreign Animal Disease Preparedness & Importance of Electronic Movement Records
- US Swine Health Improvement Plan & Focus on Biosecurity, Traceability, and Surveillance
- Recap
- Q&A

FDA Updates & Impact on VFDs

Michael D. Apley, DVM, PhD

Professor, Veterinary Clinical Sciences,
Kansas State University



GFI #152 Appendix A

- Appendix A is the list of medically important antimicrobials developed by the FDA Center for Veterinary Medicine (CVM) in concert with the Center for Drug Evaluation and Research (CDER).
- GFI #152 was released in October of 2003.
- The World Health Organization (WHO) also has a list of antimicrobials important for human use, last updated in the 6th revision (2019)



GFI #152 Appendix A

- Appendix A is very important because the ranking of an antimicrobial as important, highly important, or critically important has an effect on the conditions of use for which an antimicrobial may be approved as evaluated in GFI #152.
- One of the main issues of discussion is a disconnect between importance in human medicine and the potential for animal use to contribute to resistance in human medicine.



GFI #152 Appendix A

- The FDA asked for input on the process for revising Appendix A through docket FDA-2020-N-1736, a concept paper entitled “Potential Approach for Ranking of Antimicrobial Drugs According to Their Importance in Human Medicine: A Risk Management Tool for Antimicrobial New Animal Drugs”.
- Multiple comments were received.
- A public meeting was held November 16, 2020.



GFI #152 Appendix A

- No time frame has been publicly set for revision.
- One possibility is moving towards the rankings of the WHO list, which would move some current OTC in-feed drugs to a medically important status.



Duration of Use

- In January of 2021, the FDA/CVM asked for comments on their concept paper for establishing a defined duration of use for current labels which have no duration of use.
- Comments were received through June of 2021.
- Studies have been funded by the FDA/CVM to evaluate durations of use for several medically important antimicrobials in feed.



Duration of Use

- No response as of this date.
- There are potential effects on conditions of use for VFD drugs.



Antimicrobial Use Monitoring

- Pilot projects in swine, turkeys, chickens, feedlot cattle and dairy cattle have been completed with final reports and publications pending.
- The Reagan-Udall foundation is exploring a public-private partnership for antimicrobial use data collection on behalf of the FDA/CVM.
- A report on their progress to date is available.
- It is possible that VFDs and prescriptions may be a mechanism for gathering use data (e.g., Maryland).



VFD Grams/Ton Ranges

- In some cases, the drug label gives specific grams/ton ranges within which the VFD must be written.
- When not specified on the label, the g/ton inclusion rate on the label is 90% dry matter (“air dry”).
- There are labels where 100% dry matter is specified.
- Changes in drug labels may be accompanied by changes in g/ton ranges.



VFD Grams/Ton Ranges

- The g/ton on the VFD may be entered as 100% dry matter, 90% dry matter, or as fed. The veterinarian should clarify how this is being entered if different than the label.
- However, if a g/ton range is specified on the label, the g/ton on the VFD must be within this range when expressed in the dry matter percentage of the label.
- Currently, a point of discussion is reasonable g/ton ranges for drugs with no g/ton range on the label.



Thank you, **Dr. Apley!**

Questions?

Use the Questions box on control panel.

Antimicrobial Regulation Changes & Impact on Prescriptions

**Patrick Gorden, DVM, PhD,
DABVP, DACVCP**

Associate Professor, Vet Diagnostic &
Production Animal Medicine, Iowa
State University



#263

**Recommendations for Sponsors of
Medically Important Antimicrobial
Drugs Approved for Use in Animals to
Voluntarily Bring Under Veterinary
Oversight All Products That Continue to
be Available Over-the-Counter**

Guidance for Industry

- Issued June 2021 – established 2-year timeline



Part of FDA's Ongoing Action to Reduce Antimicrobial Resistance

- In April 2012, FDA issued GFI 209 to specifically address concerns of development of antimicrobial resistance in food animals and the threat of AMR on human health. Their goal was to:
 - (1) Limit medically important antimicrobial drugs to uses in animals that are considered necessary for assuring animal health, and
 - (2) Limit medically important antimicrobial drugs to uses in animals that include veterinary oversight or consultation.



GFI 263 specifically addresses:

- 
- *“new animal drugs containing medically important antimicrobials for use in non-food (companion), food-producing animals, or both, that are currently approved with over-the-counter marketing status.”*
 - *“...to facilitate voluntary changes to the approved conditions of use of these drugs to prescription marketing status.”*
 - Impacts: “Medically Important” drugs - defined by FDA as all drugs listed as “critically important”, “highly important”, or “important” in Appendix A of GFI 152
 - FDA considers this list to be fluid.
 - And which currently remain as OTC status
 - <https://www.fda.gov/animal-veterinary/judicious-use-antimicrobials/list-approved-new-animal-drug-applications-affected-gfi-263>



Medically Important Drugs on OTC List – from FDA website

- 
- Cephapirin (ToDAY®)
 - Cephapirin benzathine (ToMORROW®)
 - Penicillin G procaine/Dihydrostreptomycin (Quartermaster®)
 - Penicillin G procaine & Novobiocin (Albadry Plus®)
 - Penicillin G procaine
 - Penicillin G procaine & penicillin G benzathine
 - Oxytetracycline
 - Sulfadimethoxine
 - Tylosin



Companion Animal Antimicrobials

- On February 15th, 2022, the FDA CVM requested comments on the use of antimicrobials in companion animals.
- The comment period has been extended to September 14, 2022.
- There are two cooperative agreements underway to pilot antimicrobial use data collection in companion animals.



Questions?

- 
- 515-294-3096
 - pgorden@iastate.edu



Thank you, **Dr. Gorden!**

Questions?

Use the Questions box on control panel.

Foreign Animal Disease Preparedness & Importance of Electronic Movement Records

Chris Rademacher, DVM

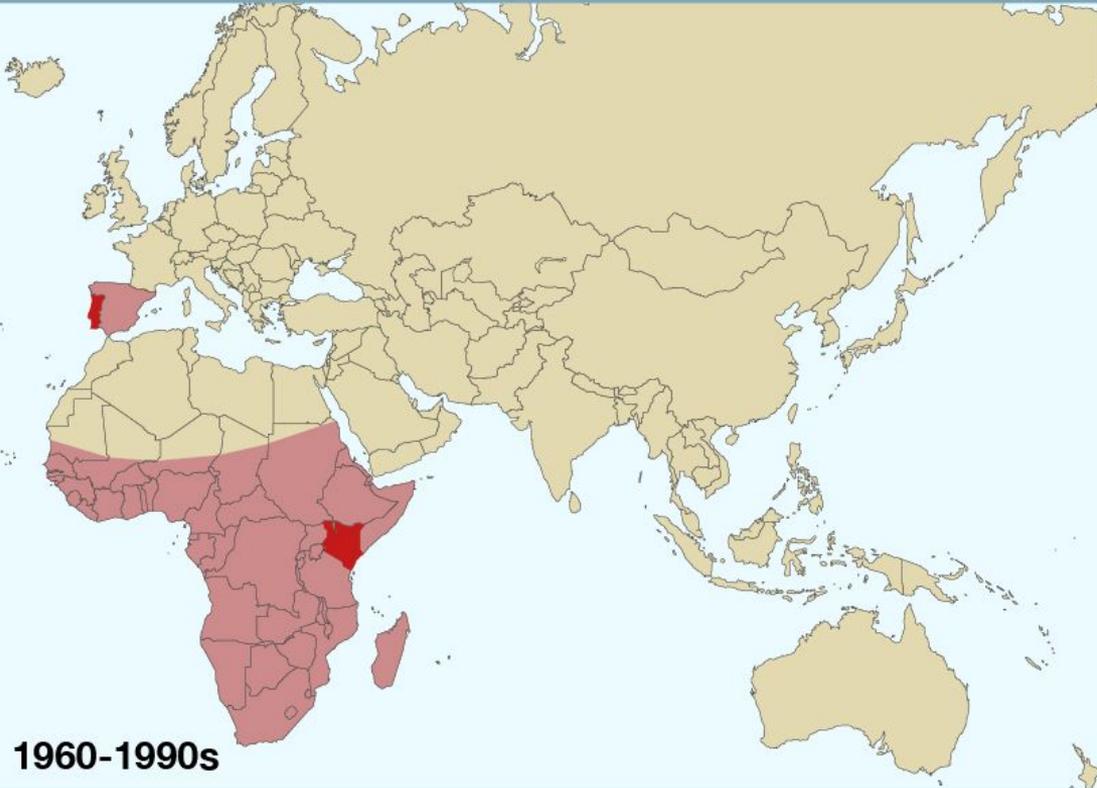
Swine Extension Veterinarian, Iowa
State University



Foreign Animal Disease Preparedness & Importance of Electronic Movement Records

- African Swine Fever (ASF) is racing across the globe
- Foreign Animal Disease (FAD) Preparedness is the key to early response and rapid recovery from the introduction of a FAD.
 - African Swine Fever
 - Classical Swine Fever
 - Foot and Mouth Disease
- Movement records are a key epidemiological tracing tool in detection of potential contact sites when the initial sites are detected.

African Swine Fever Spread



1960-1990s



African Swine Fever Spread



2021



Fundamentals among all programs



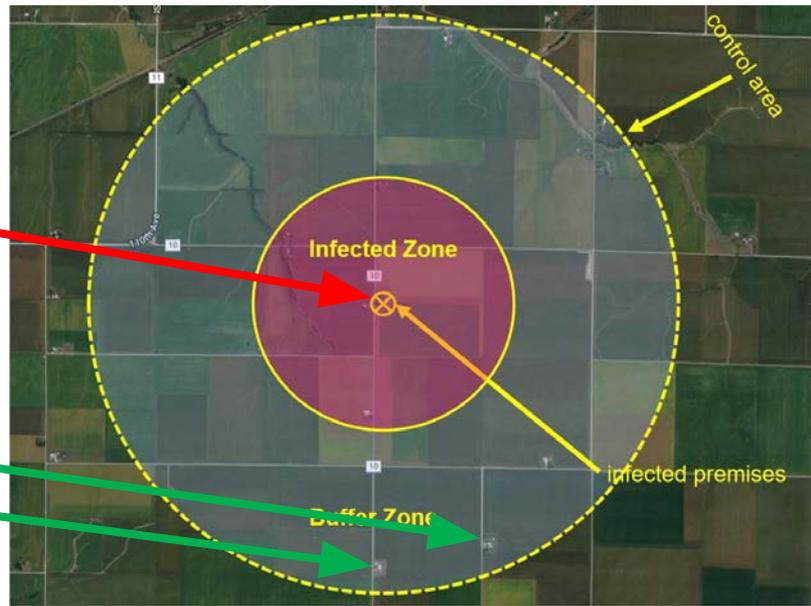
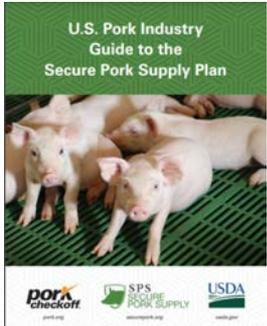
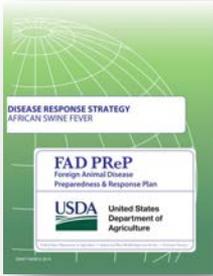
Traceability



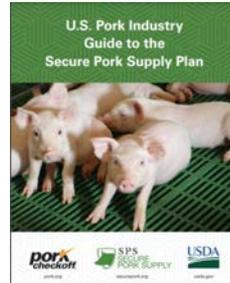
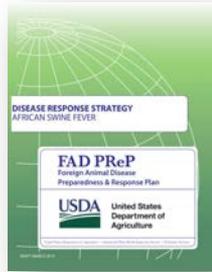
Biosecurity



Surveillance



Requirements for each program in FAD outbreak

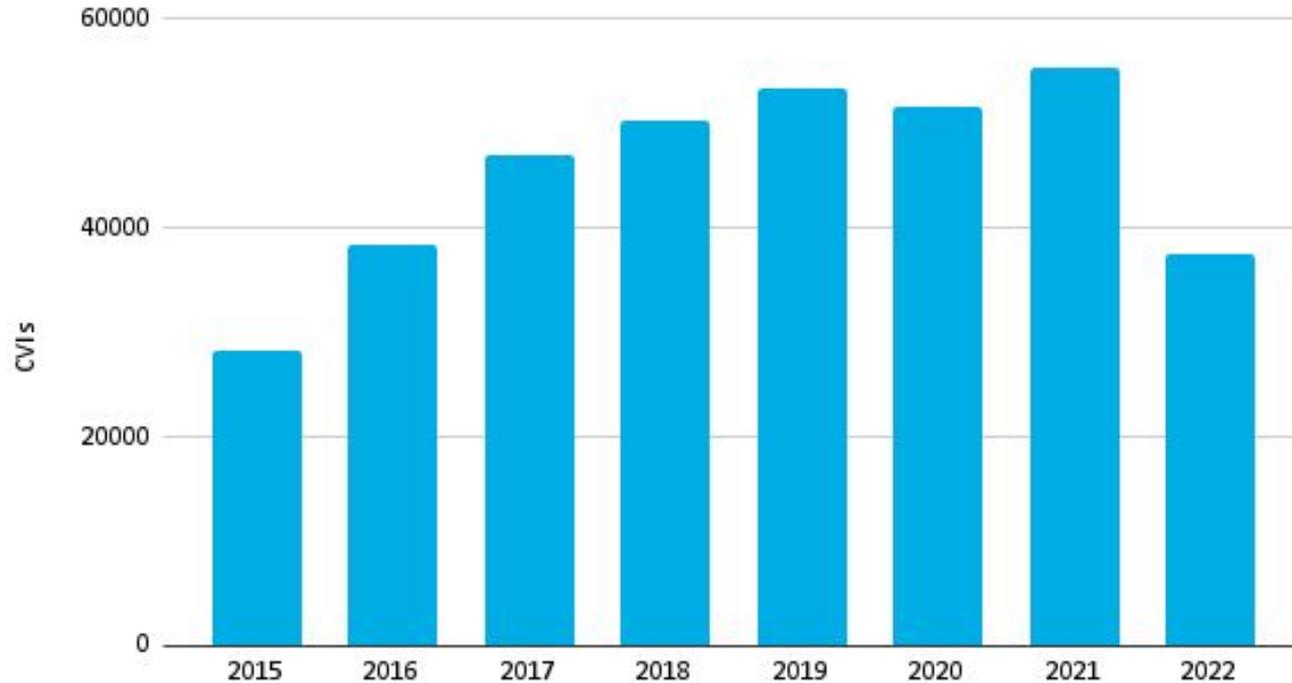


Movement records last 30 days	Movement records last 30 days	Electronically captured movement records
Premises ID	Premises ID	Premises ID
Diagnostic Testing	Diagnostic Testing	Diagnostic testing
Biosecurity Plan	Biosecurity Plan	Biosecurity Plan
Depopulation Plan	Disease Monitoring (Surveillance)	
Disposal Plan		



Swine CVI 2015 - 2022 (YTD)

Swine CVIs - 2015 - 2022 (YTD)



CVI Requirements for Swine

Required information on the CVI includes:

1. Number of animals covered by the certificate.
2. Purpose for which the animals are to be moved.
3. Points of origin and destination. (*Prem ID for FAD Prep*)
4. The consignor and the consignee.
5. A statement by the issuing accredited or State or Federal veterinarian that “**the animals were not exhibiting clinical signs associated with disease of concern for that species at the time of examination**”.
6. Swine entering certain states must have remarks to show the animals have been examined and found free of disease and lack of exposure to diseased premises within the last 30 days.

Washington State Department of Agriculture
1000 4th Street
Olympia, WA 98512
Phone: 360-357-3375
www.wa.gov/cvi

CERTIFICATE OF VETERINARY INSPECTION
Control State of Destination for Movement Requirements and Certificate Validity
FOR FOREIGN SHIPMENTS (Outside United States or Leaving United States) USE FEDERAL FORM

CERTIFICATE NUMBER: **FAKE20-WA-15682181**

INSPECTION DATE 2020-03-03	ISSUE DATE 2020-03-03	ENTRY PERMIT NUMBER	BRAND INSPECTION NUMBER & ISSUE DATE
-------------------------------	--------------------------	---------------------	--------------------------------------

ORIGIN OF SHIPMENT Journey Cash 123 Folsom Avenue Folsom, WA 12345 Blaine County Phone: 555-555-5556 PRELID: J	CONSIGNOR, PRESENT OWNER OF SHIPMENT Journey Cash 123 Folsom Avenue Folsom, WA 12345 Blaine County Phone: 555-555-5556 PRELID: J	DESTINATION OF SHIPMENT John Smith 4565 St Amen, IN 40010 Blaine County Phone: 555-555-5556 PRELID: J	CONSIGNEE, NEW OWNER OF SHIPMENT John Smith 4565 St Amen, IN 40010 Blaine County Phone: 555-555-5556 PRELID: J	CARRIER, TRANSPORTER Journey Cash 123 Folsom Avenue Folsom, WA 12345 Blaine County Phone: 555-555-5556 PRELID: J
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SHIPMENTS: NUMBER IN SHIPMENT Swine (Pigs) - 100 animals	PURPOSE(S) OF MOVEMENT Food(s)	CARRIER TYPE Truck/Trailer	HELD STATUS NUMBER	HELD FREE FOR	CURRENT STATUS/AREA STATUS
---	-----------------------------------	-------------------------------	--------------------	---------------	----------------------------

REMARKS/ADDITIONAL CERTIFICATION STATEMENTS
There has been no evidence of FPD in the herd of origin in the last 32 months.
Shipping Date: 2020-03-03

Name: Fonder Group #2 | ODR: 2019-12-31 | Color: | Gender: Multiple (Males & Females) | Breed: American Yorkshire | Head Count: 100

DRUID ID Type: Mixed Tag IDs:
12101 12102 12103 12104 12105 12106 12107 12108 12109 12110 12111 12112 12113 12114 12115 12116 12117 12118 12119 12120 12121 12122 12123 12124 12125 12126 12127 12128 12129 12130 12131 12132 12133 12134 12135 12136 12137 12138 12139 12140 12141 12142 12143 12144 12145 12146 12147 12148 12149 12150 12151 12152 12153 12154 12155 12156 12157 12158 12159 12160 12161 12162 12163 12164 12165 12166 12167 12168 12169 12170 12171 12172 12173 12174 12175 12176 12177 12178 12179 12180 12181 12182 12183 12184 12185 12186 12187 12188 12189 12190 12191 12192 12193 12194 12195 12196 12197 12198 12199 12200

Remarks:

OWNER / AGENT STATEMENT The owner in this signature certifies that the animal(s) listed on this certificate are the animal(s) listed on this certificate. Signature: _____ Date: _____	VETERINARIAN'S SIGNATURE: This is a legally binding equivalent of a handwritten signature: <i>John Sample</i> John Sample 2020-03-03 07:15:01 -06:00	John Sample 1234 E Main Street Amen, WA 98512 Phone: 555-555-5556
---	---	--

OFFICE USE ONLY
If a violation of this certificate is observed, the owner must be notified immediately and the certificate must be voided. The owner must be notified immediately and the certificate must be voided. The owner must be notified immediately and the certificate must be voided.

VETERINARIAN USE ONLY
This certificate is valid only if the animal(s) listed on this certificate are the animal(s) listed on this certificate. The owner must be notified immediately and the certificate must be voided. The owner must be notified immediately and the certificate must be voided. The owner must be notified immediately and the certificate must be voided.

License Number and Date: _____ 1234 - This is fake.

CVI only covers interstate (between state) movements.





SPS Plan: Premises ID

Iowa Department of Agriculture and Land Stewardship
Wallace State Office Building
502 E 9th St
Des Moines, Iowa 50319

For IDALS Use Only
Data received and by: _____ Date: _____ By: _____
Premises ID No: _____

Premises Identification Number Application (Print Legibly)

Business/Farm Account Information

Business/Farm Name: _____
Primary Contact (Landlord): Last _____ First _____ M.I. _____
Secondary Contact (Lessee, if applicable): Last _____ First _____ M.I. _____
Business/Farm Mailing Address: ST Street Address _____
City _____ State _____ Zip Code _____ County _____

For contact numbers check box for preferred method of contact
Business Phone: P Fax Number: _____ P
Cell Phone: P E-mail Address: _____ P
Home Phone: P Other (describe): _____ P

Signature: _____ Date: _____

Business Type (Check one)
 Individual Partnership Incorporated Non-Profit Organization LLC LLP

Operation Type (Check all that apply)
 Producer Unit/Farm Exhibition, Zoo Market/Collection Point Port of Entry
 Tagging site Veterinary Clinic Non-producer Participant Quarantine Facility
 Slaughter Plant Rendering Laboratory/Research Semen Collection/Embryo Transfer

Premises Information
Primary location where livestock resides. If more than one location and animals are managed separately, apply for multiple premises IDs on additional forms.
Premises Address: Check if same address as above, OR list different address below
ST Street Address _____
City _____ State _____ Zip _____ County _____
Premises Name/Description: _____ (ex. "home place" or "feed yard")

Premises Type (Check all that apply)
 Producer Unit/Farm Exhibition, Zoo Market/Collection Point Port of Entry
 Tagging site Veterinary Clinic Non-producer Participant Quarantine Facility
 Slaughter Plant Rendering Laboratory/Research Semen Collection/Embryo Transfer

Species at Premises (Check all that apply)

Bison and/or Cattle: Cow/Call Dairy Feedlot Seedstock
 Swine: Boar Stud Farrow Farrow/Finish Finish Nursery Seedstock
 Poultry: Chickens Ducks Geese Guineas Pheasants Quail Turkeys Other
 Goats: Dairy Meat Other (list): _____
 Cervids: Elk Whitetail Deer Other (list): _____
 Camelids: Alpacas Llamas Other (list): _____
 Rabbits Emu Ostrich
 Sheep
 Horses

Additional Land Descriptions

Legal Land Description* (required if no address)
Township _____ Range _____ Section _____
GPS Coordinates* (Optional)
Latitude (decimal degrees) _____ Longitude (decimal degrees) _____

Please mail to above address or fax to (515) 281-4282 Ph: (888) 778-7675 • Email stats_id@iowaagriculture.gov

- ✓ Get PremID or PIN
 - State Department of Agriculture
 - 911 address, latitude, longitude
- ✓ Verify PIN is associated where the animals are located
 - ✓ Porkcheckoff.org
- ✓ Associate the PIN with animal movements and diagnostic laboratory submissions

Swine CVI Requirements

- Import permit
 - Some states require an import permit.
- GVL works with all 50 state veterinarians to ensure that the regulations are up to date
 - Regulations are built into the GlobalVetLink platform to ensure completed CVIs meet state entry requirements
 - Veterinarians can also view movement requirements via [AnimalRegs.com](https://www.animalregs.com)



Thank you, **Dr. Rademacher!**

Questions?

Use the Questions box on control panel.

US Swine Health Improvement Plan and Focus on Biosecurity, Traceability, and Surveillance

J. Tyler Holck, DVM, MS, MBA

Owner, Feed His People, LLC



US Swine Health Improvement Plan

US SHIP



Industry, State, & Federal Partnership

Investigators from ISU, SDSU, UIUC, UMN, and KSU

Pilot Program Funded By USDA and NPB



National Poultry Improvement Plan

- NPIP is a cooperative industry, state, and federal partnership
- Sustain export markets & ongoing interstate commerce in unaffected states and regions
 - Demonstrate freedom of disease outside of trade-impacting control areas
- NPIP serves to safeguard, certify, and represent the health of US poultry.



National Poultry
Improvement Plan

- Participation is voluntary and ~ universal
- Implemented across US poultry & egg industries
- Officially recognized standards of poultry health

Established in 1935



Figure 3



Figure 10



US SHIP Purpose

FAD (ASF & CSF) Preparedness

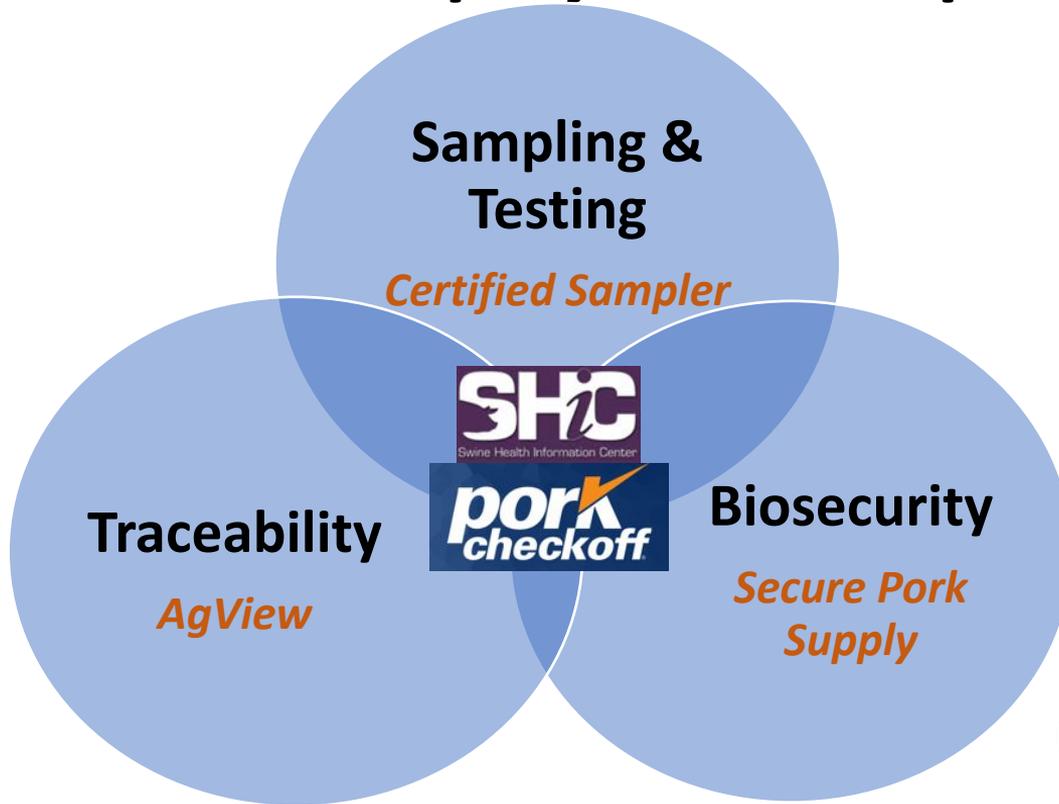
- Prevention, Response, & Recovery



Develop & Implement “NPIP like” program

- Establish “National Playbook” of technical standards providing a uniform approach by each of the participating states
- Demonstrate freedom of disease
- Augment interstate movement & resumption of trade

US SHIP - a national playbook for preparedness



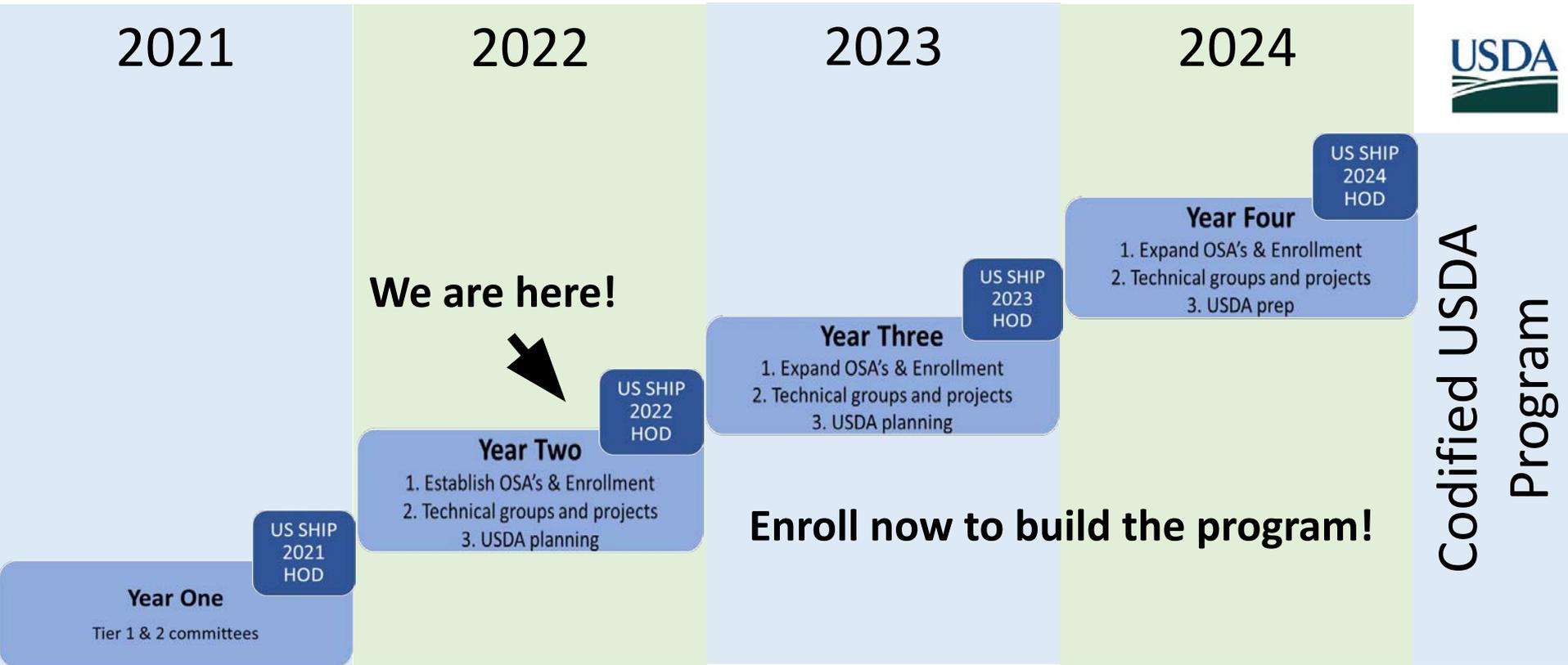
ASF-CSF Monitored Certification

Requirements for Certification:

- Enrolled & Meeting Requirements
- **Valid VCPR with Accredited Veterinarian**
- ***Biosecurity Standards***
 - Year 1- Prevention into US
 - Feeding Practices
 - International Visitors
- **Traceability Standards**
 - PIN / Current Demographic Information
 - Swine Movement (Available for Electronic Upload as Needed)
- **Surveillance Testing**
 - State of the art sampling regimens & diagnostic tools
 - Based upon farm-type **and** ASF & CSF status of US, State, and Region

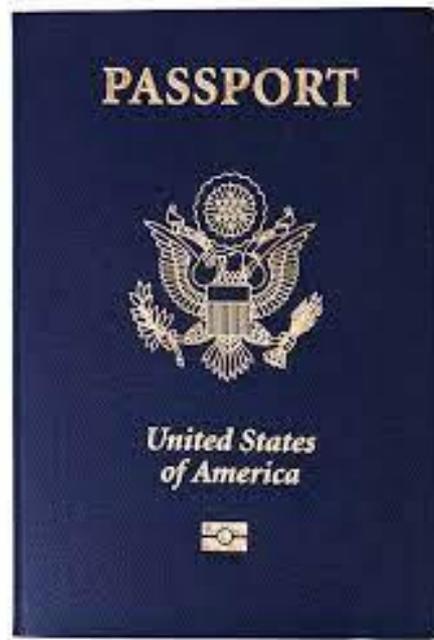


US SHIP Program Development Timeline



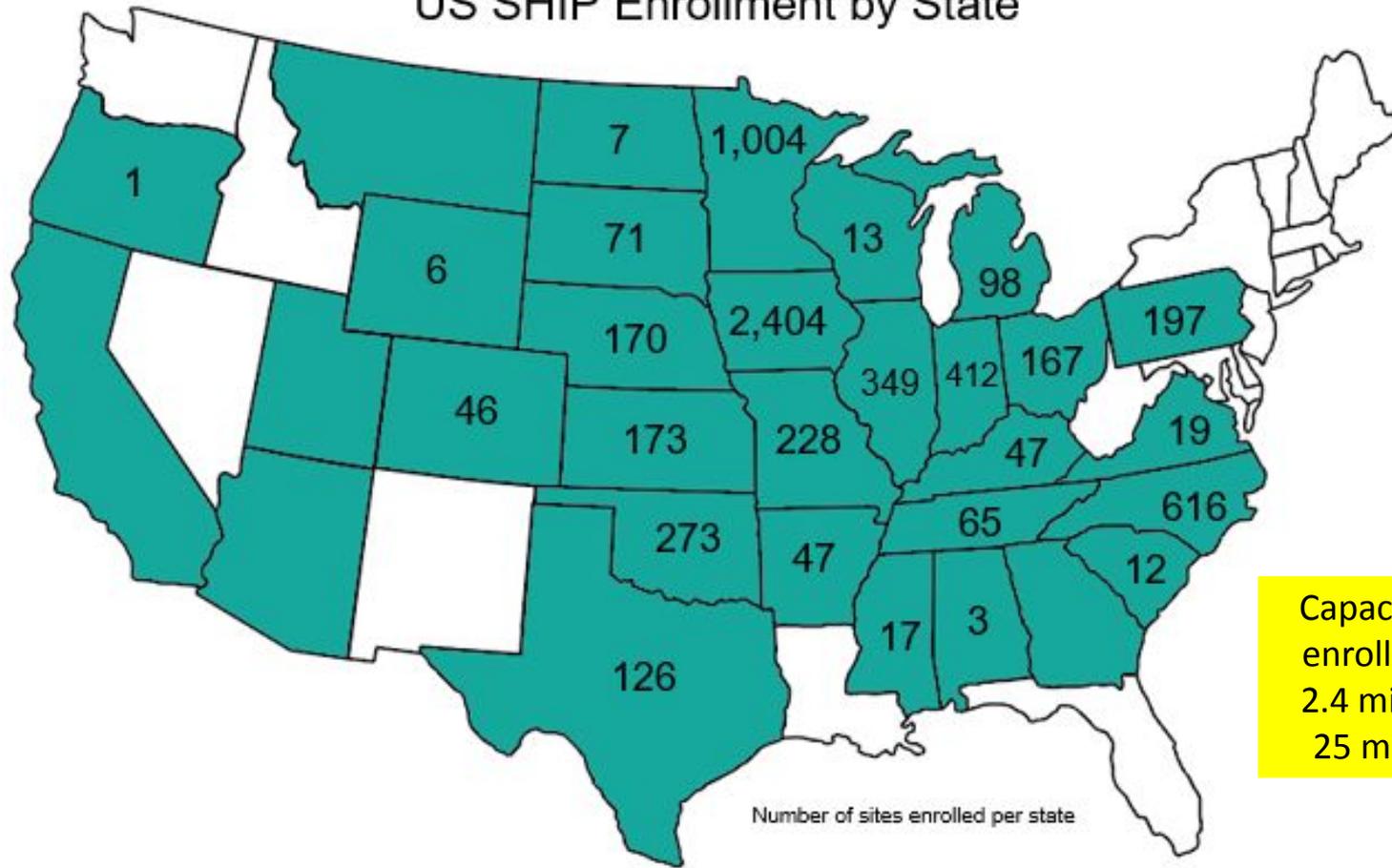
US SHIP - your ASF-CSF passport!

Enroll NOW!



www.swinehealthimprovementplan.com

US SHIP Enrollment by State



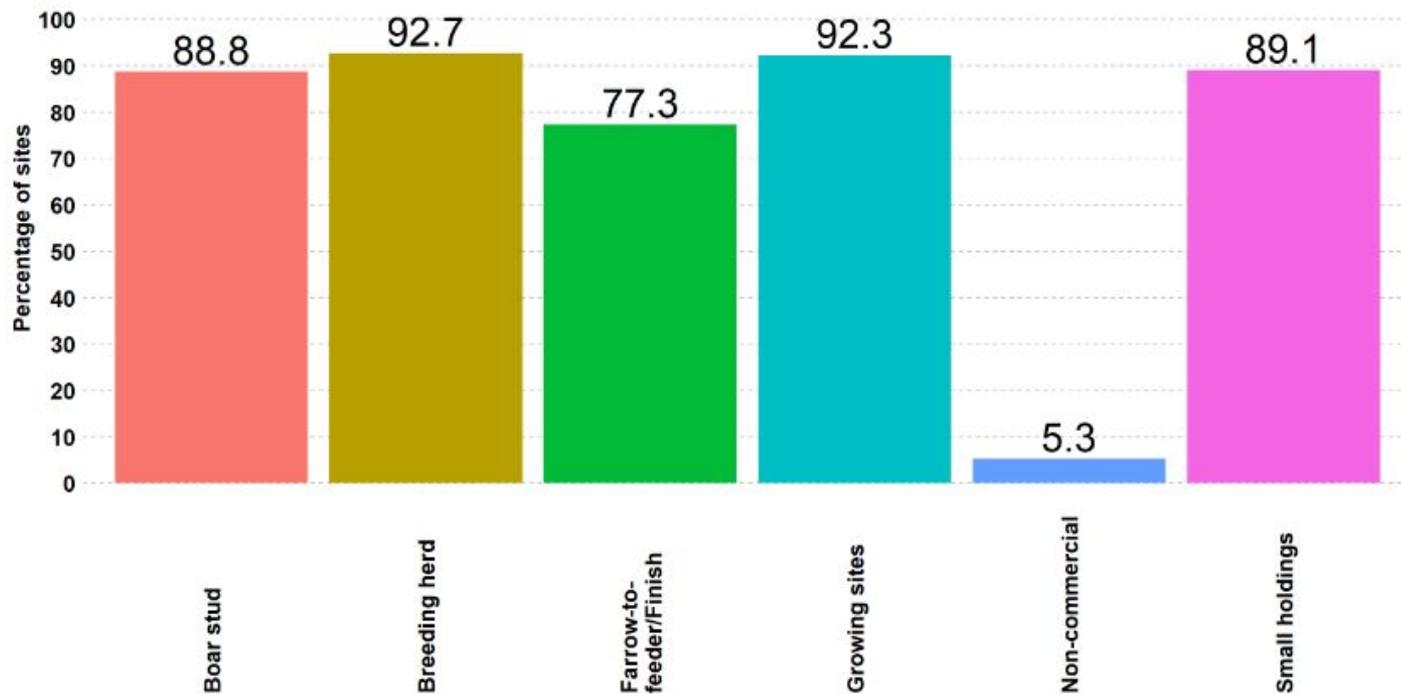
Capacity of sites enrolled in SHIP
2.4 million sows
25 million pigs

2 Secure Pork Supply

As of August 10, 2022, 49 Boar stud, 744 Breeding herd, 5891 Growing sites, 31 Farrow-to-feeder/Finish, 103 Small holdings, and 57 Non-commercial sites had filled out the biosecurity survey question related to Secure Pork Supply Plans.

Percentage of sites by site type that have completed the Secure Pork Supply Plans (SPS)

Source: US SHIP biosecurity enrollment survey.



2022 US SHIP House of Delegates

Bloomington, Minnesota – September 6-8, 2022



Key Technical Topics:

- Feed biosafety
- Feral pig risk mitigation
- Live haul sanitation
- Traceability
- Surveillance



Collaborative industry, state & federal effort
US Swine Health Improvement Plan

Thank you, **Dr. Holck!**

Questions?

Use the Questions box on control panel.

Recap

- 
- FDA Updates & Impact on VFDs
 - Antimicrobial Regulation Changes & Impact on Prescriptions
 - Foreign Animal Disease Preparedness & Importance of Electronic Movement Records
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Q & A

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Thank you!

Additional questions? Email info@globalvetlink.com



Easy

Automated software takes the pain out of animal movement compliance document

Accurate

Always-accurate certificates ensure compliance with evolving regulations

Accessible

Cloud-based solution provides veterinarians and clients easy access from anywhere