

# Harmonization of the Secure Poultry Supply Plan

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# It all started as an idea



- The products from uninfected flocks in a Control Area could be moved to market without expanding an outbreak
- The science of risk assessment could be the basis of determining if and how products could move
- To get information needed for risk assessments, a partnership between regulators and industry would be essential



# First there were separate plans



- It all started with the Secure Egg Supply plan
- A working group was formed consisting of egg sector professionals, state and federal regulators and academics
- They defined the importance of the monitored premises
- Pioneered strategies to mitigate risk

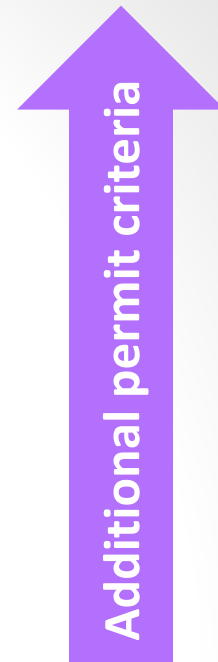
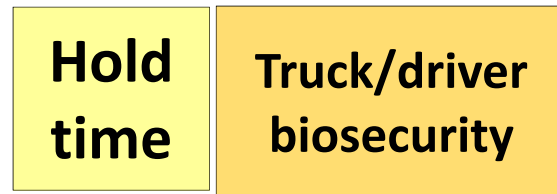


# Washed and Sanitized Eggs



**positive**

**TEST**



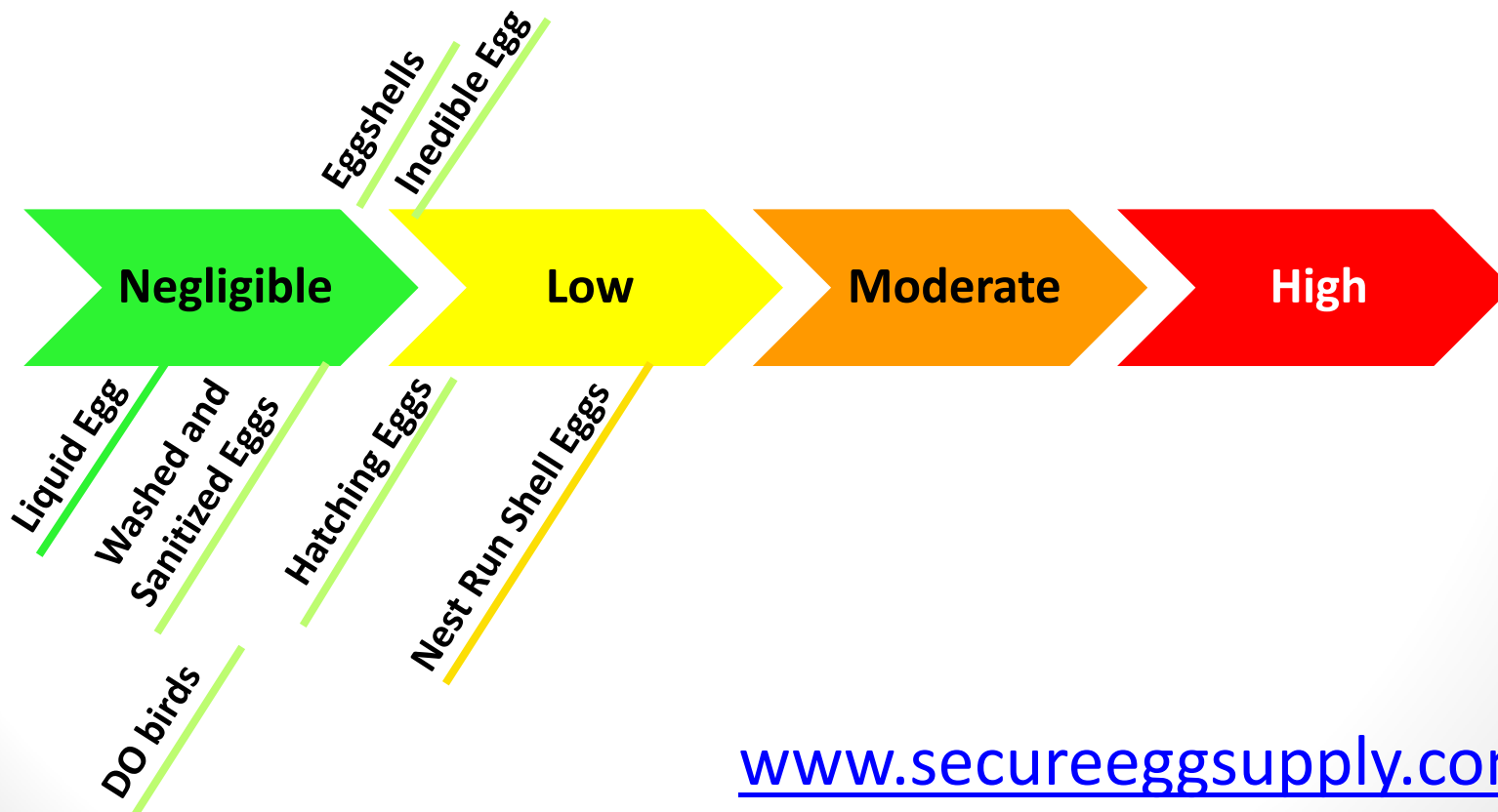
**monitored premises for 24 hrs**

**x2**



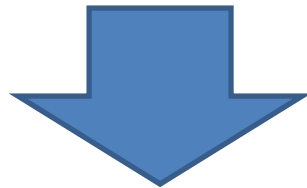
# The SES plan

- SES plan consists of Risk Assessments that address commodity movements with mitigations



# The same process was used...

- Workgroup formed
- *How could the outbreak be spread by this movement?*
- *What could be done to reduce risk?*



## Risk assessments



# THE SECURE POULTRY SUPPLY PLAN

*Facilitate poultry industry and state regulatory agency preparedness for product movement in an HPAI outbreak.*



# A harmonized approach to permitted movement

- Linking the science to permitted movements in an outbreak
- Creating a permitting process that balances the work required for permitting between industry and the state
- Harmonized movement criteria, where possible





# Science is the language we use

- Movement of product from a Control Area into a region with a dense poultry population is scary
- The risk assessments of the COB plans provide a way to understand risk even when you're not familiar with the activity



- Example: How does a broiler company understand the risk to them of an egg production farm moving washed and sanitized eggs?



# SPS is built on the STS plans

E  
B

Science

- The science of the Risk Assessments are the basis for the permit guidance in the SPS.
  - The Permit guidance is the operational part of a Risk Assessment

*What do I need to do to mitigate risk when moving this product from a monitored premises?*

A: Look in the SPS permit guidance for that product.



# A harmonized approach to permitted movement

- Keeping the science and pushing it forward
- Creating a permitting process that balances the work required for permitting between industry and the state
  - A standardized process in EMRS
- Harmonized movement criteria, where possible

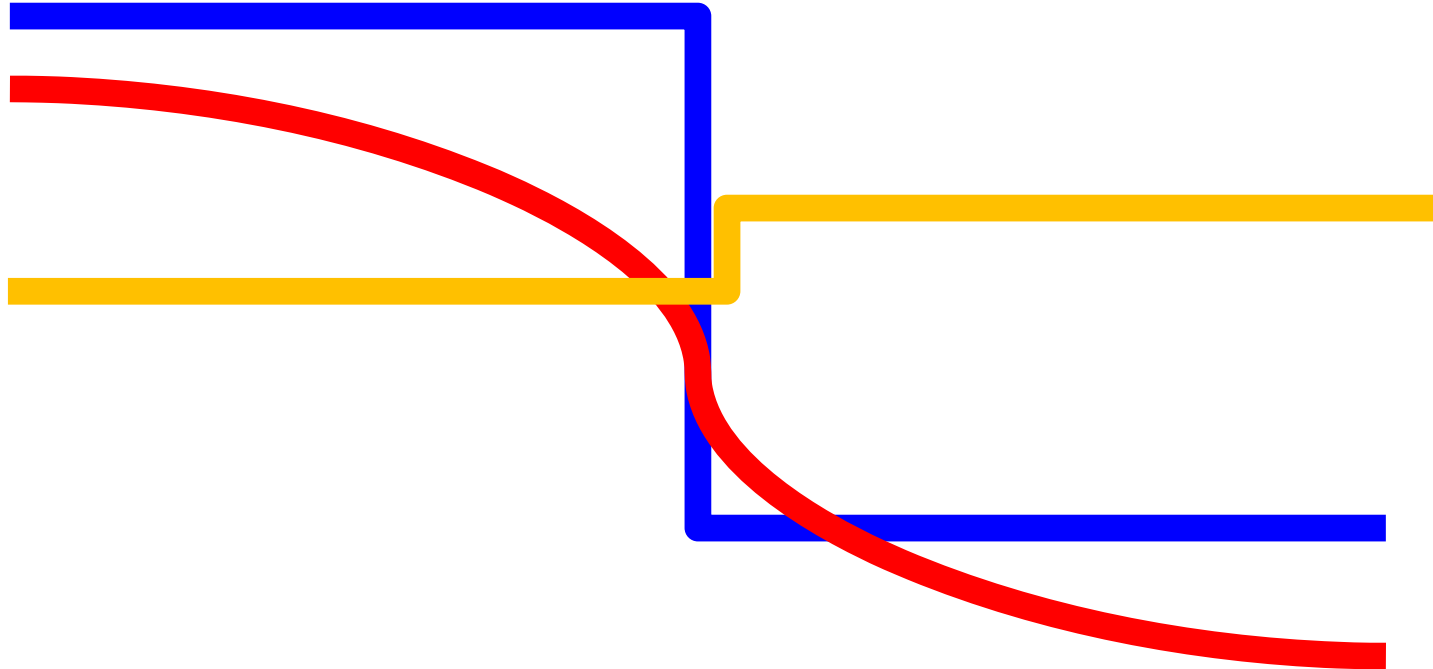


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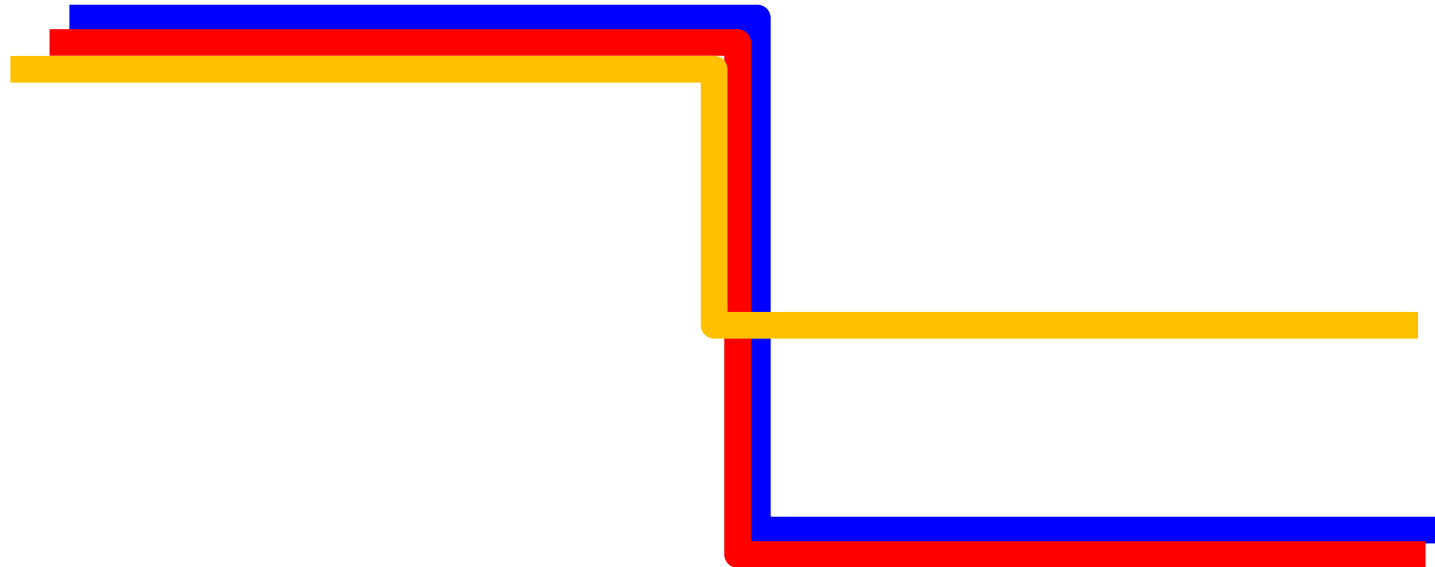
# Harmonization



- Different commodities and different workgroups used different approaches for risk mitigation



# Harmonization

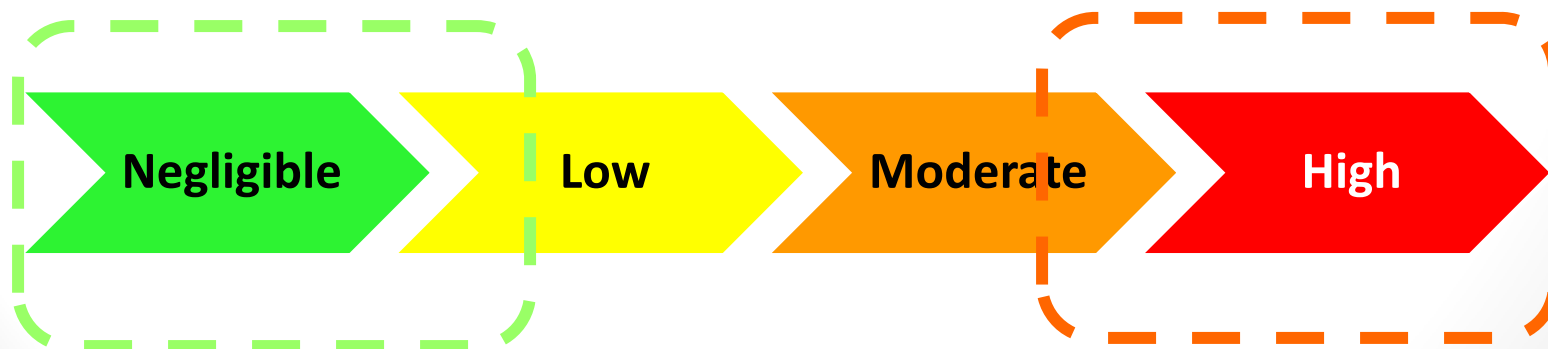


- Different commodities and different workgroups used different approaches for risk mitigation
- In the end, some things can be harmonized and some are biologically different



# Live bird movements

- The SBS and STS plans have to include live bird movements (other than day of age) because of the nature of the commodities
- These are going to be higher risk movements and will require new approaches for risk mitigation

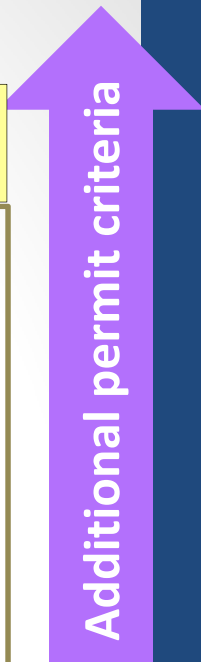
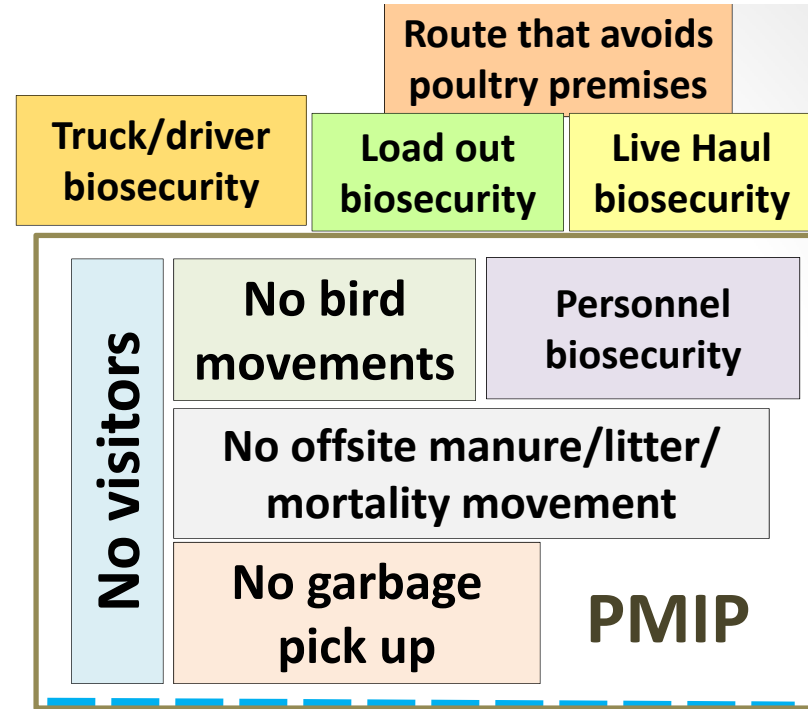


# Market movements



**positive**

**TEST**



**Biosecurity**

**No signs**

**No epi links**

**TEST**

**monitored premises for 24 hrs**

**x8**





# Harmonization Efforts

1. Traceability definition
2. Monitored Premises definition
3. Permit Movement Guidelines: Ongoing
  - i. Hatching Eggs
  - ii. Day-Old Chicks/Poults
  - iii. Birds to Market
4. Sampling Protocols: Ongoing
5. PMIP discussions: Ongoing



# Conclusions

- The BIG idea that we could pre-determine ways that product could be moved during an outbreak worked!!
- The SES, SBS and STS plans are addressing additional movements through the work group and risk assessment process
- A cross commodity work group is being formed to address moderate and high risk movements



# Conclusions

- The plan wasn't operation ready so, after the hiccups, we've developed a more harmonized, more straightforward approach that will be more manageable for the states in an outbreak.
- Industry and regulatory agencies needed to rebalance their efforts in permitted movements
- The “how to move product” plan is called the Secure Poultry Supply Plan.



# We are *always* looking for new work group participants

- If you're interested, please let us know!

- Contact Mary Hourigan to connect with a work group [hour003@umn.edu](mailto:hour003@umn.edu)

Developed as a partnership...

THE THEORY

State Industry

USDA

Identification of Monitored Premises

Monitored Premises

Final Permit for Movement of Washed and Sanitized Shell Eggs to Premises for Further Processing

UNIVERSITY OF MINNESOTA  
College of Veterinary Medicine



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