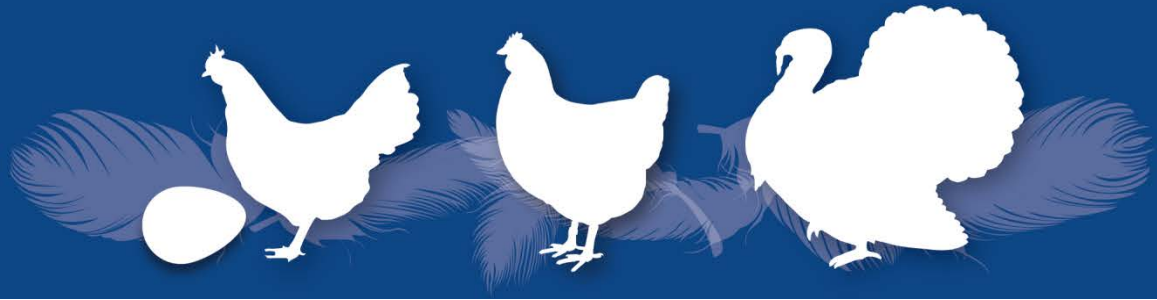


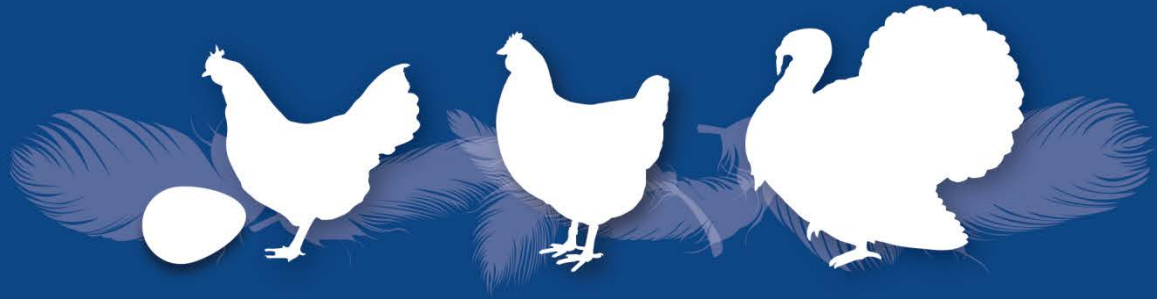
Proposed Implementation of Secure Food Supply Plans Based on the Minnesota Experience

David A Halvorson DVM

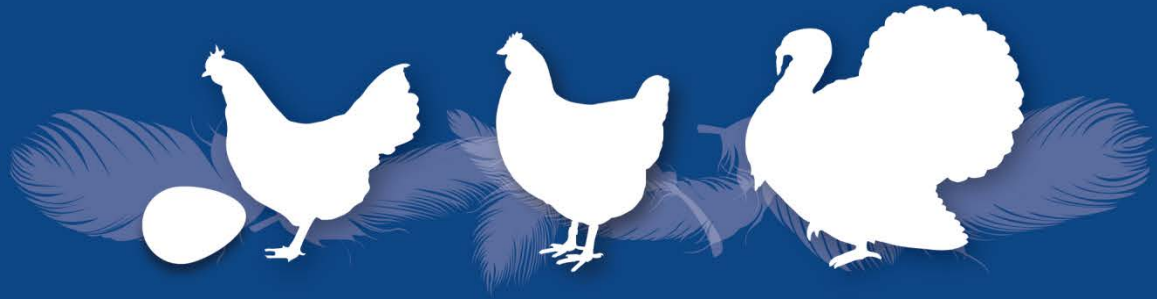
With acknowledgements to the University of Minnesota HPAI team, the Minnesota Board of Animal Health, APHIS VS, and poultry industry veterinarians



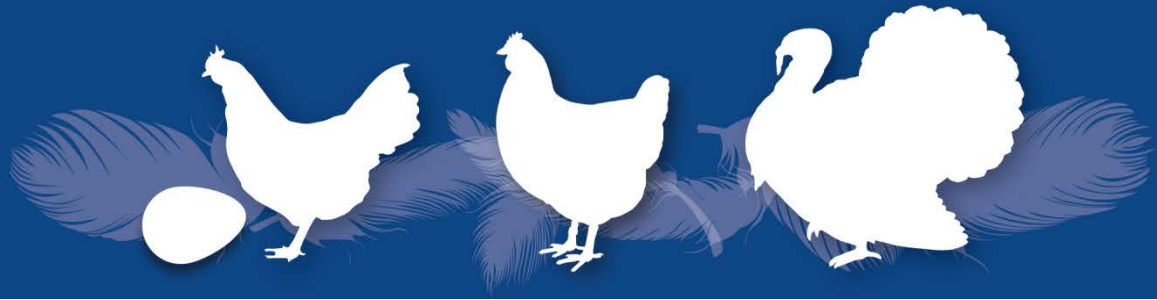
- Functions of a permit
 - Prevent moving disease
 - Documentation
 - Facilitate movement
 - Traceability
 - Accountability to gov't and each other
 - Education (eg permit educates truck driver)



- During the outbreak permitted movement highly successful
- But improvements are needed:
 - SBS, SES, and STS Plans are different
 - Different management systems
 - Different types of poultry
 - Different work groups
 - Different risks
 - Different surveillance options



- **Workload**
 - Perception that amount of risk was related to existence of risk assessments.
 - Lowest risk products consumed most attention
 - Resource requirements
- **Complexity.**
 - Risk assessments and permit guidance were lengthy and complicated.
 - Tendency to streamline
- Differing permitting requirement for similar and different products caused confusion.

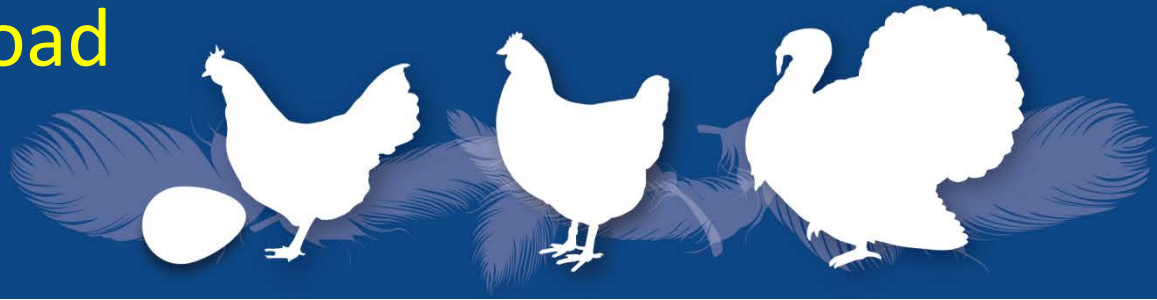


- Discussions involving:
 - APHIS
 - State agencies
 - Industry
 - Academics
- Goal: to improve permitting process
 - Reduce workload
 - Reduce complexity
 - Reduce differences



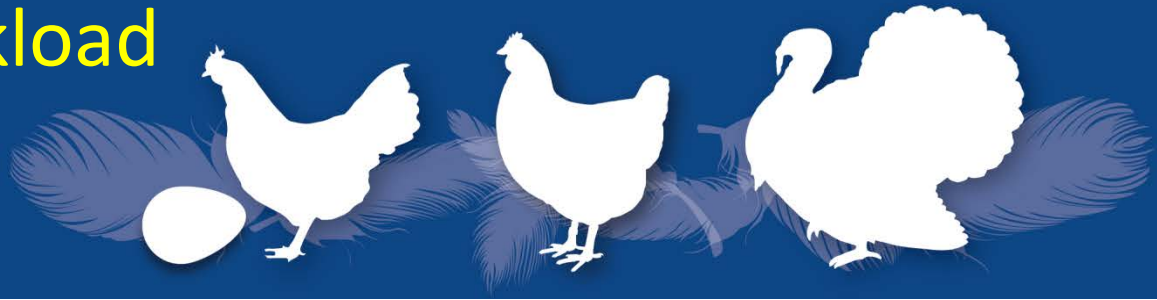
SPS
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POULTRY SUPPLY

Workload

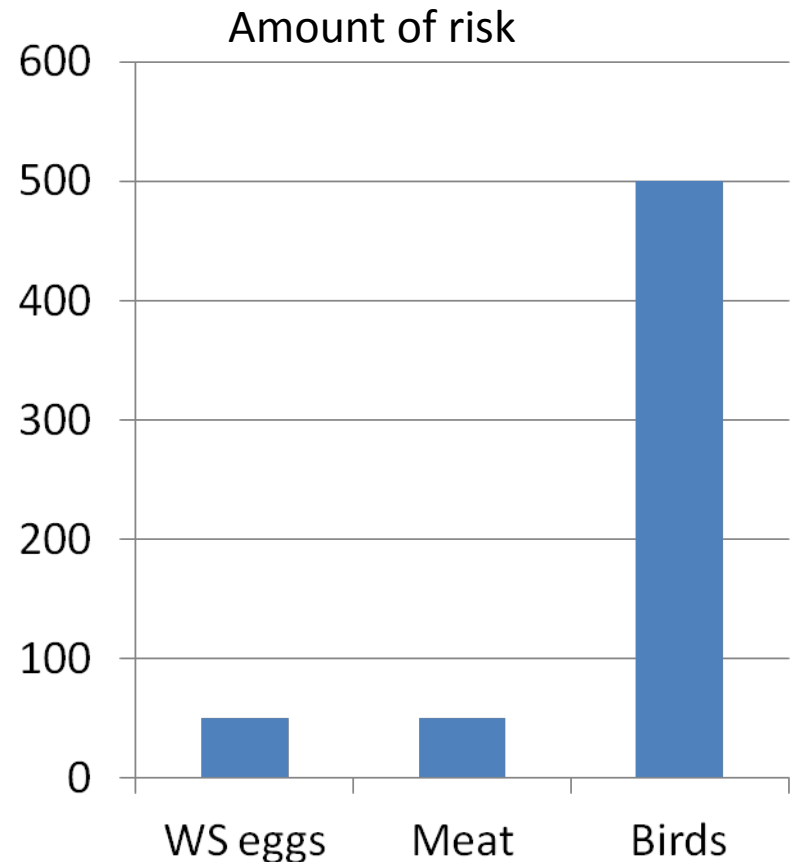
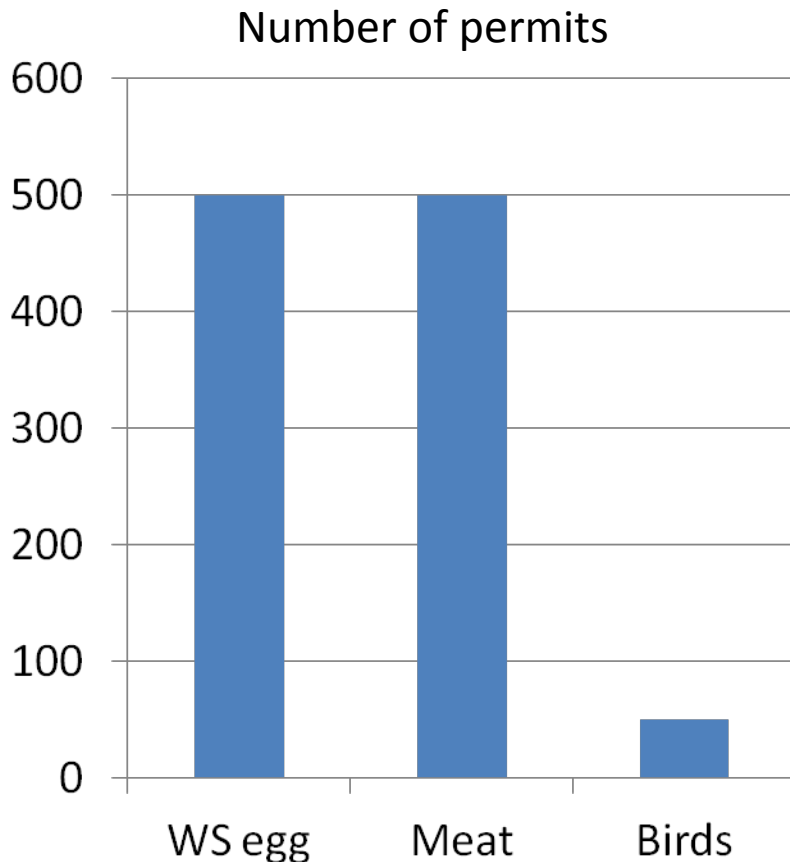


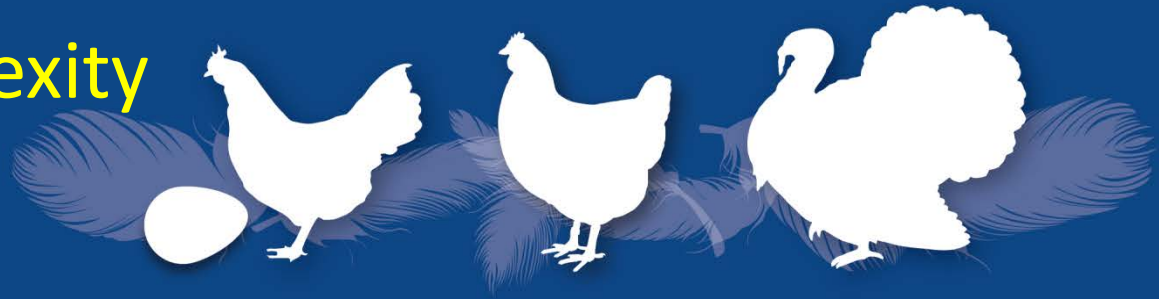
Low Risk

High Risk



- After industry demonstrates knowledge, proficiency and ability, negligible and low risk movements should be handled by industry





Risk is low
provide
that...

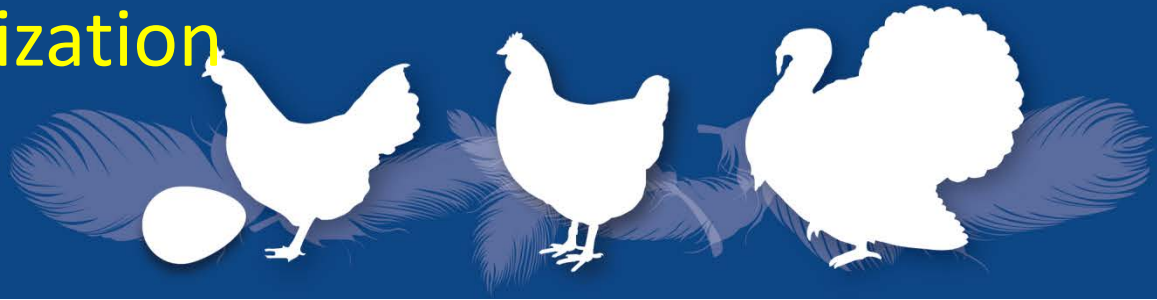
- **PERMIT GUIDANCE**
- Flock is on a Monitored Premises
- Truck and driver biosecurity
- Product-specific biosecurity
- Two negative RRT-PCR results for HPAI (each result is one 5-bird pool sample per 50 dead birds from each house on the premises)
- The State Animal Health Official of the State of destination must receive a copy of the restricted movement permit within 24 hours of issuance
- **TRUCK AND DRIVER BIOSECURITY DETAILS**
- All drivers and passengers must wear boots (rubber or disposable) before getting out of the vehicle. Then spray shoes with disinfectant before entering your vehicle. Rubber boots and any tools used on the farm must be cleaned and disinfected prior to being removed from the turkey premises.
- Use a hand sanitizer before leaving and after re-entering the cab.
- Vehicle windows should be rolled up at all times while on the poultry farm in order to prevent flies from getting into the vehicle.
- Spray insecticide inside trucks as needed to eliminate the transporting of flies from farm to farm during warm months of the year.
- Spray the floors, pedals, and bottoms of feet with disinfectant after every stop.
- The outside of all vehicles will be cleaned and disinfected under supervision of regulatory personnel with an approved disinfectant at a cleaning and disinfection station at or near the turkey premises within the Infected Zone. If cleaning and disinfection cannot be completed at the turkey premises, the vehicles must be accompanied by a permit issued by the Incident Commander to travel to a cleaning and disinfection station within the Infected Zone.
- **PRODUCT-SPECIFIC BIOSECURITY**
- Hatching eggs must be washed and sanitized with a chlorine rinse with at least a 200 ppm concentration or with an EPA registered disinfectant for avian influenza virus according to the manufacturer's label directions for application on hatching eggs.
- Employees who manually transfer eggs must wash their hands with soap and water or use a hand sanitizer.
- Eggs are held for 2 days after production before hatching eggs are moved from the premises.
- Soak buggy wheels with an EPA registered disinfectant before moving buggies into the egg cooler.
- Farm personnel should wear gloves and disposable or cleaned and disinfected boots before entering egg storage coolers.





Permit request form

- I request a permit to move turkey hatching eggs from (here) to (there).
- I certify that the eggs are coming from a premises with a Federal PIN that has met the criteria for Monitored Premises.
- I certify that the farm has met the requirements for biosecurity.
- I certify that I am familiar with and have met the criteria in the STS plan for moving turkey hatching eggs.
- I certify that I am aware of and have met the requirements for interstate movement (if applicable).
- Oral pharyngeal swabs sample date(s) _____
- Signed _____



Some features can't be fully harmonized

- management
- bird type
- contact rates
- production parameters

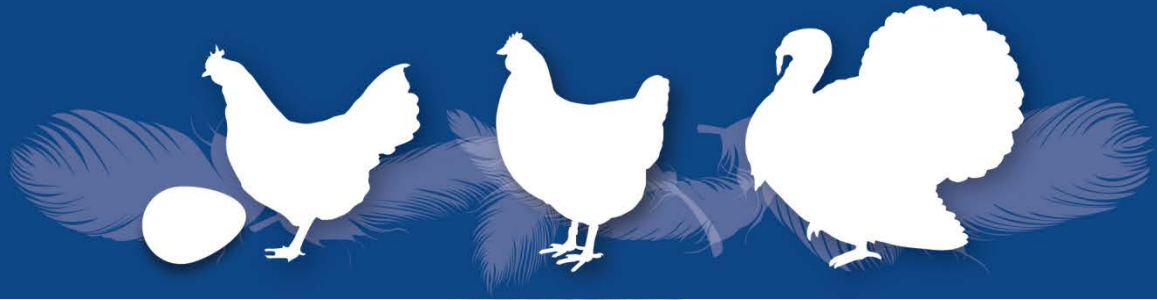
- But...
 - Surveillance for similar products
 - Permit requests
 - Permits
- Can all be made similar by engaging work groups

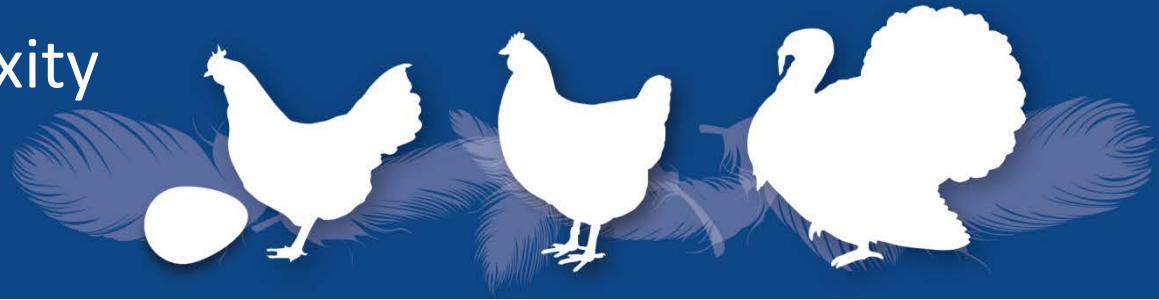
Harmonize requirements

- SBS, STS, SES
 - Where the same products are moved, make the requirements the same
- Work progressing through workgroup process
- MN permitting workgroup addressing PMIP, a major difference between the plans
- *Not everything can be harmonized.*



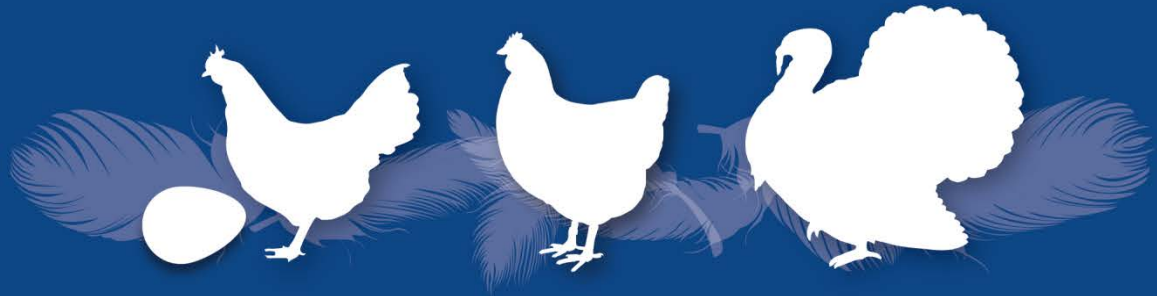
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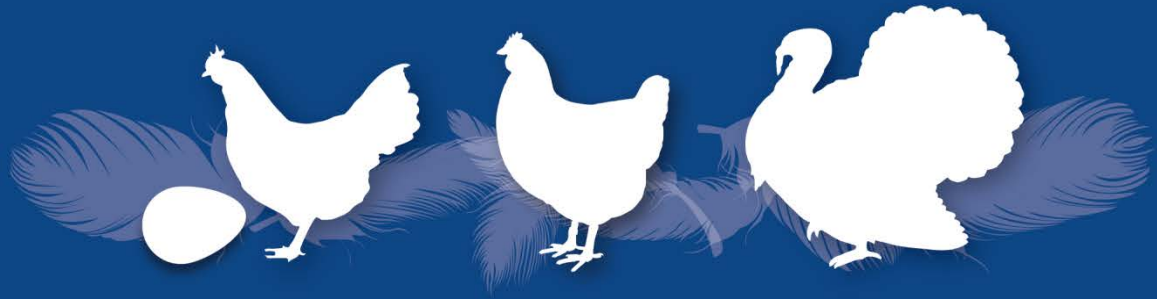
Permit request form

- I request a permit to move washed and sanitized shell eggs from (here) to (there).
- I certify that the eggs are coming from a premises with a Federal PIN that has met the criteria for Monitored Premises.
- I certify that the farm has met the requirements for biosecurity.
- I certify that I am familiar with and have met the criteria in the SES plan for moving washed and sanitized shell eggs.
- I certify that I am aware of and have met the requirements for interstate movement (if applicable).
- Oral pharyngeal swabs sample date(s) _____
- Signed _____



State Issued Permit

- Product to be moved Turkey Hatching Eggs
- Premise of origin PIN _____
- Permit applicant (name) certifies that:
 - the eggs are coming from a premises with that has met the criteria for Monitored Premises.
 - the farm has met the requirements for biosecurity.
 - is familiar with and have met the criteria for moving turkey hatching eggs and is aware of and have met the requirements for interstate movement (if applicable).
- Oral pharyngeal swabs test results _____
- Signature of State Official _____



Biosecurity Measures

Educational Tools

Red Book

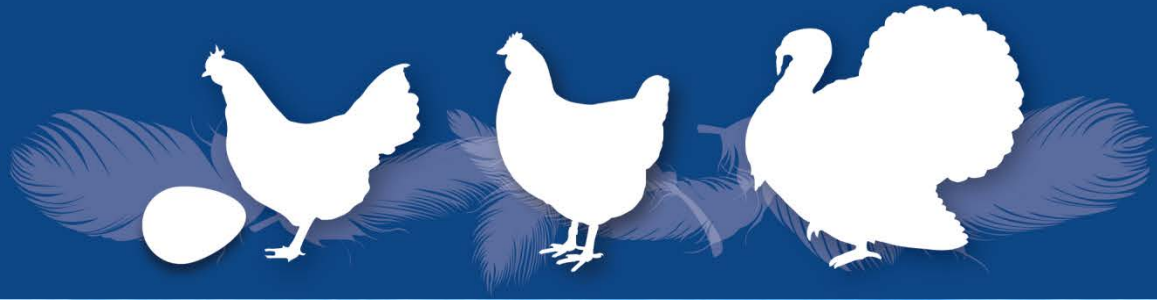
Science

Risk Assessments

Permit Guidance

Secure Poultry Supply P

Industry Certifies Compliance Details



Permit Request Form  State Issued Permit

EMRS

Biosecurity Measures

Risk Assessments

Educational Tools

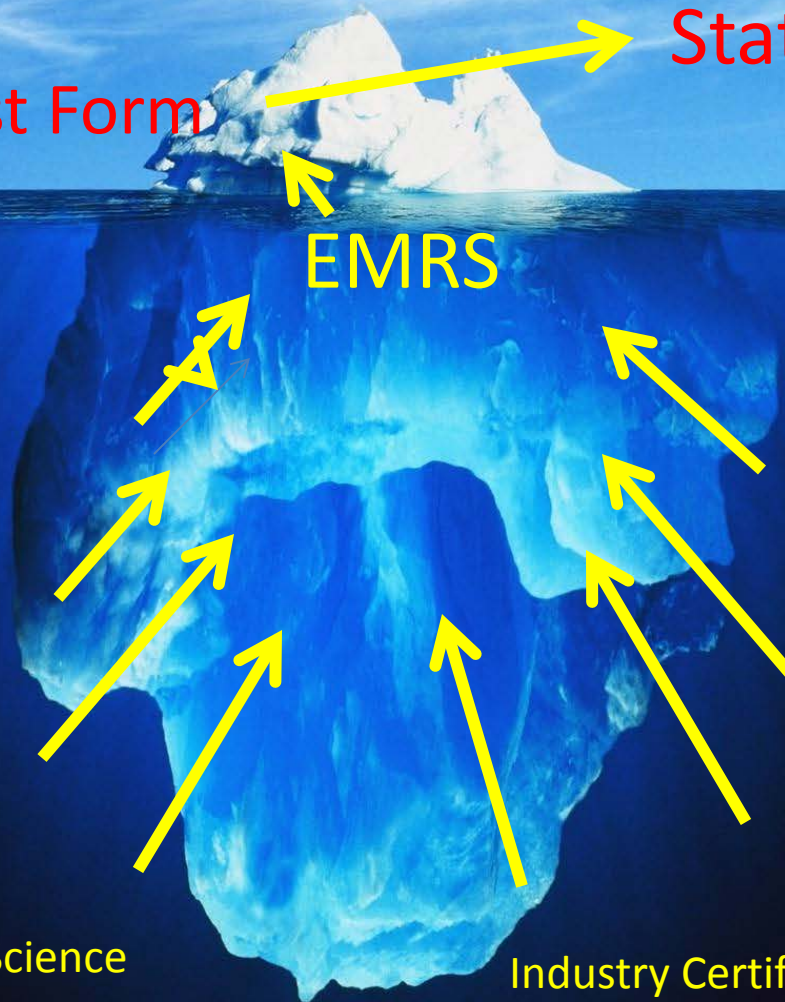
Permit Guidance

Red Book

Secure Poultry Supply P

Science

Industry Certifies Compliance Details



Summary



- Reduce the workload – Industries take responsibility
 - Certifications
 - Negligible and low risk commodities
- Reduce the complexity - State
 - receives simplified permit request
 - focuses on higher risk commodities
 - and provides permit
- Reduce differences – Harmonization
- EMRS provides backbone and documentation

Summary



- Industries assure all criteria are met
- State requires appropriate assurances have been made
- EMRS archive provides method to spot check



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POULTRY SUPPLY

