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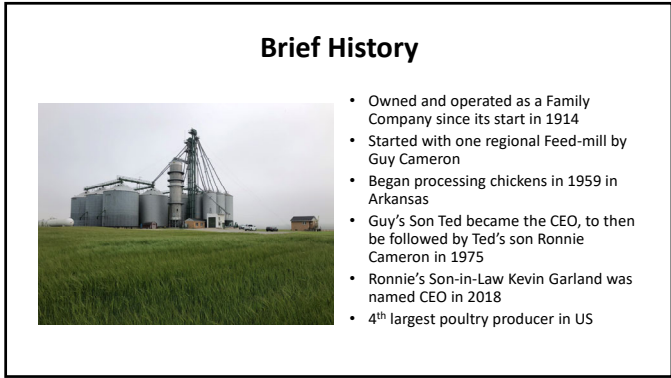
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### Locations

- Arkansas
  - Local Office
- North Carolina
  - 2 Hatcheries
  - 2 Processing Facilities
  - Breeder Operation
  - Grow-Out Operations
  - 3 Feed Mills
  - Grain Facilities
- Maryland
  - 1 Hatchery
  - Grow- Out Operations
  - 1 Feed Mill
  - Grain Facilities
- Delaware
  - 1 Hatchery
  - 2 Processing Facilities
  - Grow-Out Operations
  - 2 Feed Mills
  - Grain Facilities
- Virginia
  - Grow-out Operations
  - Grain Facilities

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One Health Certified

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What is One Health Certified?

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**One Health Certified**

- Concept that the health of animals, people, and the environment are all linked
- Program is managed by National Institute of Antimicrobial Resistance Research and Education (NIAMRRE)
  - Based at Iowa State University
  - Uses a One Health approach to aid in research and education in antimicrobial resistance
- Continuous Improvement program
- 5 Pillars of One Health
  - Biosecurity, Animal Health, Antibiotic Stewardship, Animal Welfare, Environmental



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**Biosecurity**

- Procedures intended to protect humans or animals against disease or harmful biological agents.
- Company Specific Biosecurity Program
- Corporate (President) must sign-off on the program annually
- Biosecurity Coordinator(s)
- Annual Internal audits
- Elevated Mortality Reporting
- Corrective Actions



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**Animal Health**

- Company must have an Animal Health Plan developed in consultation with a licensed Veterinarian
- Plans are reviewed every 6 months
- Components
  - Disease Prevention (Vaccinations), Animal Care, Action Thresholds



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**Animal Welfare**

- Animal Welfare program must include all aspects of the production process (Hatchery, Chick Delivery, Grow-Out Operations, Movement, Transportation, and Harvest)
- Company Specific Program
- 3<sup>rd</sup> Party Annual Audit

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**Environmental**

- Life Cycle Analysis (LCA)
  - Uses Data from previous year to determine Carbon Footprint of Production
    - Measurement: CO2/kg meat
  - Use GLEAM- Global Livestock Environmental Assessment Model
- All Farms have a Waste Disposal and Nutrient Management Plan that is in accordance with that State

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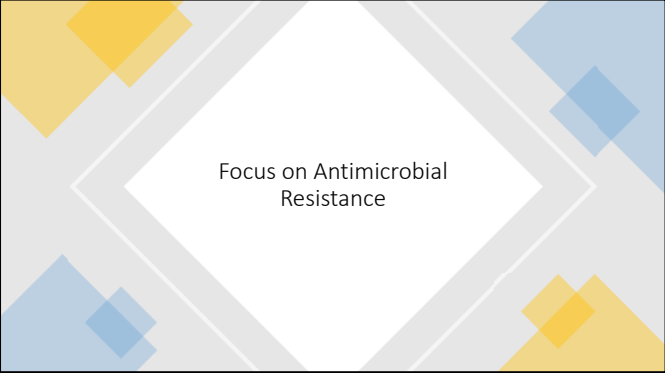
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Focus on Antimicrobial Resistance



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**Antibiotic Stewardship**

- Antibiotics must be used in a responsible manner
  - Verify what products are administered at hatcheries
  - Verify what ingredients are going into feeds
  - Root Cause Analysis
- Repeated Treatments
- Training and Documentation
- Medically vs. Non-Medically Important Antibiotics

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**Antibiotic Stewardship – Hatcheries and Feed Mills**

- Verify products administered to embryos or chicks
- Chick Traceability
- Feed ingredient receiving, storage, and usage
  - Flushing procedures
- Feed Traceability
- Veterinary Feed Directives and FDA Compliance

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**Antibiotic Stewardship – Grow Out Operations**

- Action Thresholds
  - Value set that when exceeded triggers the implementation of mitigation steps
- Root Cause Analysis (RCA)
  - Investigation into what has lead to a mortality event
  - Veterinary involvement throughout RCA
- Mitigation Steps for consecutive house treatments
  - Track serial treatments with antibiotics on a per house basis
  - Veterinary Action Plan made after consecutive treatments
- Training on Antibiotic Usage
  - Growers are trained on how to use antibiotic prior to running

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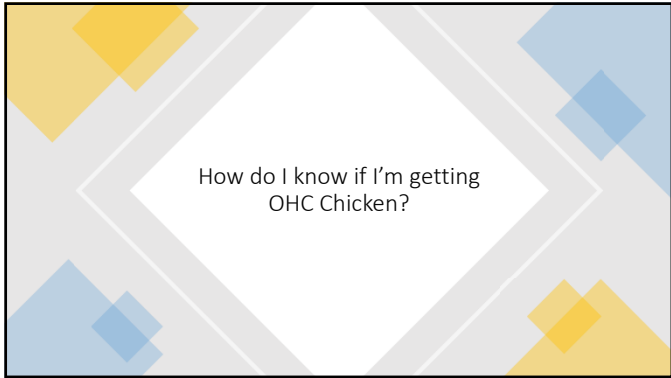
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