

Robert Harrison

r.harrison.agri@outlook.com | 515-555-0129

PROFESSIONAL SUMMARY

Dedicated Poultry Breeder with over 12 years of experience managing large-scale broiler operations. Proven track record in improving hatch rates by 15% through optimized incubation protocols and genetic selection. Expert in USDA biosecurity standards and automated climate control systems.

WORK EXPERIENCE

Senior Breeding Manager | Midwest Poultry Group | Des Moines, IA

May 2018 - Present

- Spearheaded a genetic selection program that improved feed conversion ratios by 12% across five facilities.
- Supervise daily operations for a 200,000-bird parent stock facility maintaining 98% biosecurity compliance.
- Reduced annual medication costs by \$45,000 through the implementation of automated water sanitation systems.
- Developed and trained a team of 22 poultry technicians on updated welfare standards and handling techniques.
- Orchestrated the transition to a new climate control system which lowered energy consumption by 18%.
- Consistently achieved a hatchability rate of 95% for prime broiler stock.

Lead Poultry Specialist | Heritage Avian Farms | Lincoln, NE

Aug 2012 - Apr 2018

- Managed selective breeding for high-producing layer hens, increasing average annual egg yield by 20 per bird.
- Designed a specialized quarantine protocol that successfully prevented 3 local Avian Flu outbreaks from entering the farm.
- Automated the record-keeping system using specialized software, reducing data entry errors by 40%.
- Managed a localized supply chain budget of \$800,000, achieving a 10% reduction in feed waste.
- Coordinated with state veterinarians to maintain a 100% vaccination rate for all replacement pullets.

Hatchery Technician | Sunrise Hatcheries | Ames, IA

Jun 2008 - Jul 2012

- Maintained 12 large-scale industrial incubators, ensuring 99.9% uptime through proactive maintenance.
- Monitored embryo development via candling and adjusted humidity parameters to maximize survival.
- Assisted in the technical aspects of artificial insemination for pedigree turkey lines.
- Prepared detailed weekly production reports for the facility manager highlighting health trends.

EDUCATION

Iowa State University | Master of Science | Animal Science (Animal Breeding and Genetics)

Aug 2006 - May 2008

University of Nebraska | Bachelor of Science | Agricultural Sciences

Aug 2002 - May 2006

SKILLS

Genetic Selection, Incubation Management, Artificial Insemination, Pedigree Record Keeping, Hatchery Operations, Biosecurity Protocols, Necropsy & Disease Diagnosis, Vaccination Administration, Nutrition & Feed Formulation, USDA Compliance, Automated Climate Controls, Inventory Management, Labor Scheduling, Data Analysis (Excel/Ag-Software), Budgeting & Cost Control

CERTIFICATIONS

Professional Animal Auditor Certification (PAACO) | PAACO Poultry (2019)

Hazard Analysis and Critical Control Point (HACCP) Certification | International HACCP Alliance (2015)

LANGUAGES

English (Native)

Spanish (Professional Working Proficiency)

ACTIVITIES

Community 4-H Mentor

Volunteering to teach local youth about sustainable poultry farming and animal care.

International Poultry Expo

Regular attendee and occasional guest speaker on biosecurity innovation.