

# NATIONAL POULTRY IMPROVEMENT PROGRAM HAWAII PROGRAM

Animal Industry Division

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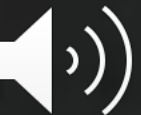
## NATIONAL POULTRY IMPROVEMENT PROGRAM (NPIP)

- Voluntary program developed in 1935 to control and eradicate Pullorum disease and fowl typhoid.
- Over 95% of U.S. Breeding and hatchery industry participates in the program.
- USDA provides coordination
- State oversees record keeping and performs reporting
- Industry – members can voluntarily join, but must agree to meet the standards
- Hawaii became the final state to participate in 2017.



## WHAT IS THE NATIONAL POULTRY IMPROVEMENT PROGRAM?

- Early expansion of US poultry industry was limited due to Bacillary White Diarrhea leading to 80% mortality in chicks.
- *Salmonella pullorum* was discovered as the agent in 1899.
- Laboratory blood tests developed in 1913 and state wide programs began in 1920s.
- Plate blood test developed in 1931 leading to farm testing.
- National program began in 1935



# BIRDS INCLUDED UNDER NPIP

- Chickens
- Turkeys
- Game birds – quail, pheasant, peafowl, partridge, grouse, guineas
- Waterfowl – domestic ducks and geese

Not included – Pigeons and Doves



# PROGRAMS UNDER NPIP

## Commercial Egg Layer

Title 9 CFR chapter 145, Subpart B

Test for Avian Influenza required.

No field test available

Samples collected

Throat swabs and send to lab

PCR testing is performed

Flocks tested every 6 months



## Backyard, Exhibition Flocks

Title 9 CFR chapter 145, subpart E

Test for Pullorum-Typhoid

Field test using Rapid whole blood test

Testing of up to 300 birds

Laboratory test using microagglutination on blood

Flocks tested annually



# BENEFITS TO PRODUCER NPIP PARTICIPATION

- Flock health is monitored and certified through regular surveillance testing
- Limits the likelihood of disease introduction into flock through purchase of birds from certified flocks.
- Allows for fewer restrictions associated with interstate movement and shipment of poultry
  - Official movement document is NPIP 9-3 form
- Participants will receive emergency disease management updates
- Participants in the H5/H7 Avian Influenza Surveillance part may be eligible for 100% fair market value assessments for indemnity in the event low path AI is confirmed in flock. Non-participants are eligible for 25% fair market value.

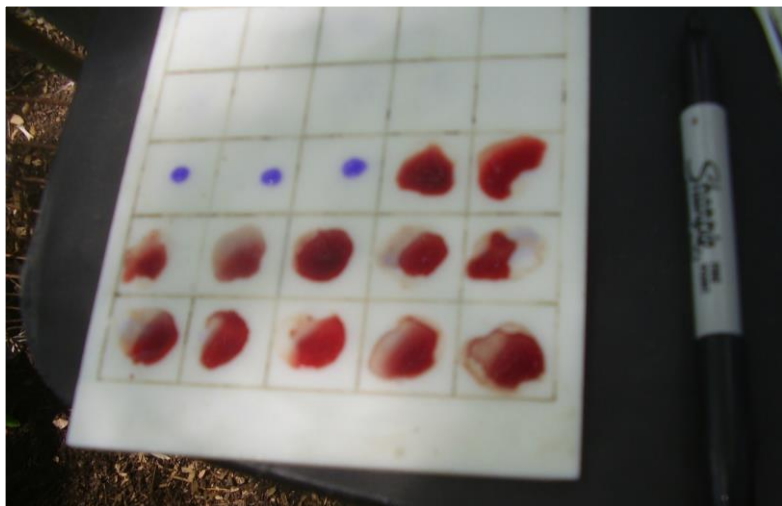
The form is titled "REPORT OF SALPS OF HATCHING EGGS, CHICKS, AND POULTRY" and is issued by the "STATE OF TEXAS DEPARTMENT OF AGRICULTURE, ANIMAL AND PLANT INDUSTRY INSPECTION SERVICE, NATIONAL POULTRY IMPROVEMENT PLAN". It includes a "FLOCK NUMBER" field with the value "030226". The form is divided into several sections: "I. PRODUCER", "II. FLOCK", "III. HATCHING EGGS", and "IV. HATCHING CHICKS AND POULTRY". The "HATCHING EGGS" section includes a table with columns for "QUANTITY" and "FLOCK'S STATUS (ON TRACK/SAFE)". The "HATCHING CHICKS AND POULTRY" section includes a table with columns for "QUANTITY" and "FLOCK'S STATUS (ON TRACK/SAFE)". The form also includes a signature line for the "STATE INSPECTOR" and a section for "PART I - TO ACCOMPANY SHIPMENT" with instructions for the recipient.



# AVIAN INFLUENZA CLEAN STATUS

- Regular surveillance for AI needed to qualify for 100% indemnity in the event of a disease outbreak.
- Highly Pathogenic Avian Influenza disease is a Foreign Animal Disease to the United States.
- Required test for commercial flocks in the NPIP program.
- Tested birds will be identified by official bands.
- If AI is confirmed, FAD response will be initiated:
  - Quarantine will be established.
  - No movement of birds in or out of farm.
  - Flock value will be assessed by USDA
  - Depopulation will be required.
- Houses, pens, and equipment are required to be thoroughly cleaned and disinfected. Facilities will be inspected before quarantine is lifted.
- Indemnity assessment made by USDA inspectors





## HAWAII PULLORUM-TYPHOID CLEAN PROGRAM BACKYARD BIRDS, CH 145, SUBPART E

- National Premises Identification Number is assigned
- Participant farms are tested annually
  - Initial test up include minimum of 30 birds to maximum of 300 birds.
  - Subsequent annual tests of birds up to 300 maximum.
  - Tested birds are officially banded
  - If reactors occur, birds are held until follow up confirmatory tests completed.
- Records audit also performed
- Premises biosecurity audit done to assess compliance with biosecurity principles.





# HAWAII NPIP PROGRAM PARTICIPATION

- Program is currently under construction due to COVID-19 pandemic.
- Participation is Voluntary.
- Chickens are tested annually to be part of the P-T Free program
  - No charge for P-T testing at this time.
- Avian Influenza testing may also be done at no charge.
  - Optional for NPIP participants that are Pullorum-Typhoid Free
- Eligible to use the NPIP logos and receive a certificate of participation.
- Use of form 9-3 for export of birds out of state



# RESOURCES

- US National Poultry Improvement Program ([www.poultryimprovement.org](http://www.poultryimprovement.org))
- Google: National Poultry Improvement Program
- Additional questions contact Raquel Wong, DVM.

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