Training Presentation on Raising Broiler Birds

Target Area: Shangombo District.

Prepared for: Farmer Training & Extension Services

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📌 Slide 1: Title Slide

Title:

"Raising Broiler Birds: A Guide for Poultry Farmers"

Subtitle: Including Vaccination Program, Management Tips, and Limitations in Rural Settings

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📌 Slide 2: Objectives of the Training

To understand the basic requirements for raising healthy broilers

To discuss proper feeding, housing, and management

To explain vaccination and disease prevention

To highlight the limitations in rural settings like Shangombo

To promote sustainable poultry farming practices

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📌 Slide 3: Introduction to Broiler Production

Broilers are chickens raised specifically for meat

Fast growth: Market weight in 5–6 weeks

Require proper management for optimal results

Sensitive to environment, feed, and hygiene

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📌 Slide 4: Housing Requirements

Well-ventilated and secure shelter

Clean, dry, and well-lit environment

Good drainage to avoid damp litter

Space requirements:

1–14 days: 15–18 birds/m²

3–6 weeks: 8–10 birds/m²

Use locally available materials like thatch, reeds, mud bricks

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📌 Slide 5: Brooding Management (0–14 Days)

Provide heat source (charcoal stove, bulb, or improved brooder)

Maintain temperature (32–35°C)

Clean water and high-quality starter feed

Avoid overcrowding to reduce stress

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📌 Slide 6: Feeding Program

0–21 days -Starter Feed High protein.

21–35 days - Grower Feed Moderate protein.

35–42 days - Finisher Feed High energy.

Provide clean water always

Avoid moldy or spoiled feed

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📌 Slide 7: Daily Management Practices

Daily Management Practices

Clean feeders and drinkers

Remove wet litter

Provide grit or small stones

Keep records (feed intake, mortality, weight)

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📌 Slide 8: Common Signs to Look Out For

Lethargy – signs of disease or poor management

Diarrhea – may indicate coccidiosis or poor feed

Panting – heat stress

Ruffled feathers – poor health

Swollen eyes/beaks – respiratory infection

Sudden deaths – may be due to Newcastle or Gumboro

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📌 Slide 9: Broiler Vaccination Schedule

Day 1 : Marek’s Disease Live Subcutaneous - Usually done at the hatchery.

Day 7 : Gumboro (IBD)administered in drinking water.

Day 10 : New Castle disease (NCD) - Administered in drinking water

Day 14 : Gumboro (IBD) - Admnistered in drinking water

Day 18 : New Castle Disease (NCD) - Admnistered in drinking water

- Ensure vaccines are stored cold

- Mix with clean, cool water (dechlorinated)

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📌 Slide 10: Biosecurity Measures

Footbaths at entrance

Limit visitors to the poultry house

Isolate sick birds

Disinfect equipment regularly

Avoid mixing broilers with other birds

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📌 Slide 11: Marketing and Record Keeping

Target local markets, butcheries, restaurants

Keep records of:

Feed consumption

Mortality rates

Sales and profits

Vaccinations given

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📌 Slide 12: Limitations in Rural Setup (e.g., Shangombo)

1. Lack of Electricity

Limits brooding (heating) and lighting

2. Poor Road Infrastructure

Affects feed and vaccine supply

3. Limited Access to Veterinary Services

Delayed disease diagnosis and vaccination

4. High Cost/Scarcity of Quality Feed

Results in slower growth and poor health

5. Unreliable Markets

Hard to sell birds profitably

6. Water Shortages

Affects growth and health of birds

7. Insecurity or theft

Can result in financial losses

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📌 Slide 13: How to Overcome These Limitations

Use locally available materials for housing

Group purchase of feed and vaccines

Solar-powered brooding systems

Use improved traditional knowledge (e.g., herbs cautiously)

Cooperatives for better market access

Water harvesting and storage

Work with NGOs, extension officers, or government programs

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📌 Slide 14: Summary and Key Takeaways

Success in broiler farming depends on management, feeding, and disease control

Vaccination is essential for prevention

Cleanliness and monitoring help avoid losses

Rural areas have challenges but they can be managed with innovation and support

Always consult with your veterinarian or extension officer

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📌 Slide 15: Questions & Discussion

"Let’s hear your thoughts, questions, or experiences."

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📌 Slide 16: Contact Information

For more training and support:

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