



# Animal Feed Ration Assessment Checklist

## Animal Profile & Goals

Gathering baseline information about the animal(s) and desired outcomes.

### Animal Type

- ☐ Dairy Cattle
- ☐ Beef Cattle
- ☐ Poultry (Broilers)
- ☐ Poultry (Layers)
- ☐ Swine
- ☐ Sheep/Goats
- ☐ Other (Specify)

### Number of Animals in the Group

### Average Animal Weight (kg/lbs)

### Animal Age/Stage (e.g., Calf, Lactating, Grower)

- ☐ Calf/Foal
- ☐ Weaner
- ☐ Grower/Finisher
- ☐ Lactating/Pregnant
- ☐ Adult Maintenance

### Primary Production Goals (e.g., Milk Yield, Weight Gain, Egg Production)

Write something...

### Desired Weight Gain (kg/week or lbs/week)

Enter a number...

### Any Specific Health Concerns or Challenges?

Write something...

### Date of Assessment

Enter date...

## Feed Ingredient Analysis

Evaluating the nutritional composition of individual feed ingredients.

## Feed Ingredient Lab Analysis (e.g., PDF, Excel)

 Upload File

### Ingredient Type (e.g., Grains, Forage, Protein Supplement)

- ☐ Grains (Corn, Wheat, Barley)
- ☐ Forage (Hay, Pasture, Silage)
- ☐ Protein Supplement (Soybean Meal, Cottonseed Meal)
- ☐ Mineral Supplement
- ☐ Vitamin Supplement
- ☐ Other

### Crude Protein (%)

Enter a number...

### Acid Detergent Fiber (ADF) (%)

Enter a number...

### Neutral Detergent Fiber (NDF) (%)

Enter a number...

### Fat (%)

Enter a number...

**Calcium (%)**

Enter a number...

**Phosphorus (%)**

Enter a number...

**Moisture Content (as reported on lab analysis)**

Write something...

## Ration Formulation & Calculation

Determining the correct proportions of ingredients to meet animal needs.

**Animal's Daily Dry Matter Intake (DMI)**

Enter a number...

**Desired Protein Level (%)**

Enter a number...

**Desired Energy Level (Mcal/lb or MJ/kg)**

Enter a number...

**Desired Fiber Level (%)**

Enter a number...

### Growth Stage (e.g., Starter, Grower, Finisher)

- ☐ Starter
- ☐ Grower
- ☐ Finisher
- ☐ Maintenance

### Formulation Equations/Calculations Used (Detail steps)

Write something...

### Constraints (e.g., ingredient availability, cost limits)

- ☐ Ingredient Availability
- ☐ Cost Limits
- ☐ Palatability Concerns
- ☐ Specific Animal Requirements

### Calculated Percentage of Ingredient 1

Enter a number...

### Calculated Percentage of Ingredient 2

Enter a number...

## Feed Availability & Cost Assessment

Considering the accessibility and affordability of ingredients.

### Current Stock Levels of Primary Feed Ingredient (e.g., Maize, Soybeans)

Enter a number...

### Estimated Stock Duration (days) based on current consumption rate

Enter a number...

### Main Feed Suppliers

- ☐ Supplier A
- ☐ Supplier B
- ☐ Supplier C
- ☐ Other (Specify)

### Current Unit Cost of Primary Feed Ingredient (e.g., \$/kg)

Enter a number...

### Estimated Transportation Costs (per unit)

Enter a number...

### Seasonality Impact (How does availability/cost vary seasonally?)

- ☐ Increased Cost
- ☐ Decreased Cost
- ☐ No Significant Change
- ☐ Unpredictable

## Notes on market trends or anticipated price fluctuations

Write something...

# Feed Palatability & Intake

Assessing how animals accept and consume the feed ration.

## Initial Feed Acceptance (First 24 Hours)

- ☐ Excellent - Eagerly Consumed
- ☐ Good - Consumed Readily
- ☐ Fair - Slight Hesitation
- ☐ Poor - Minimal Consumption
- ☐ Refusal - Not Consumed

## Estimated Daily Feed Intake (kg/head)

Enter a number...

## Observations Regarding Palatability (e.g., texture, smell)

Write something...

## Presence of Selectivity (Picking/Sorting)

- ☐ No
- ☐ Yes - Minor
- ☐ Yes - Moderate
- ☐ Yes - Severe

**Describe any observed picky eating behaviors.**

Write something...

**Percentage of Feed Refused (if applicable)**

Enter a number...

**Water Intake - Observation**

- ☐ Normal
- ☐ Increased
- ☐ Decreased

**Any other comments or observations related to feed acceptance?**

Write something...

## Animal Performance Monitoring

Tracking and evaluating animal health, growth, and productivity.

**Average Daily Weight Gain (kg)**

Enter a number...

**Feed Conversion Ratio (FCR)**

Enter a number...



### Average Daily Feed Intake (kg)

Enter a number...

### Overall Animal Health (Assessment)

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

### Observed Behavioral Changes (e.g., activity level, aggression)

Write something...

### Visible Signs of Deficiency/Problem (Select all that apply)

- ☐ Poor Coat/Feathers
- ☐ Lameness
- ☐ Reduced Fertility
- ☐ Abnormal Growth
- ☐ Diarrhea
- ☐ None Observed

### Date of Performance Assessment

Enter date...

## Environmental Impact & Sustainability

Considering the ecological footprint of the feed ration.

### Estimated Carbon Footprint (kg CO<sub>2</sub>e/kg feed)

Enter a number...

### Source of Feed Ingredients (e.g., locally sourced, imported, certified sustainable)

- ☐ Locally Sourced
- ☐ Imported
- ☐ Certified Sustainable
- ☐ Unknown

### Which sustainability certifications apply to feed ingredients (select all that apply)

- ☐ Organic
- ☐ Rainforest Alliance
- ☐ Fair Trade
- ☐ GlobalGAP
- ☐ None

### Describe any measures taken to minimize feed waste and spoilage.

Write something...

### Percentage of feed ingredients derived from recycled or upcycled sources.

Enter a number...

**Packaging Type (assess environmental impact)**

- ☐ Plastic
- ☐ Paper/Cardboard
- ☐ Biodegradable
- ☐ Reusable

**Describe any potential impacts of feed production on water resources (e.g., water usage, pollution).**

Write something...