

# 45 Days Chicken Feeding Guide

*For Broiler Farmers in Nigeria and Beyond*

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## Introduction

Raising broilers to market weight in just 45 days is possible with the right feeding plan. This guide provides a day-by-day and week-by-week feeding schedule for 100 broilers, including feed types, quantities, and practical tips to maximize growth and profitability.

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## Broiler Feeding Phases

Broilers require different feed formulations at each stage:

- Starter Feed: Day 1–14 (High protein for rapid early growth)
- Grower Feed: Day 15–28 (Balanced nutrients for muscle development)
- Finisher Feed: Day 29–45 (Lower protein, higher energy for final weight gain)

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## Total Feed Requirement for 100 Broilers in 45 Days

- Starter Feed: 60–70 kg (1.2–1.4 bags of 50kg)
- Grower Feed: 160–180 kg (3.2–3.6 bags of 50kg)
- Finisher Feed: 200–220 kg (4–4.4 bags of 50kg)
- Total Feed: 420–470 kg (8.5–9.5 bags of 50kg)

*Always round up and add a 5–10% buffer for wastage.*

# Week-by-Week Feeding Chart

Week	Days	Feed Type	Feed per Bird (g/day)	Total Feed for 100 Birds (kg/week)	Notes
1	1–7	Starter	15–20	10–14	Ensure warmth, clean water
2	8–14	Starter	25–30	18–21	Vaccinate, monitor health
3	15–21	Grower	35–40	24–28	Increase feeder space
4	22–28	Grower	45–50	32–35	Good ventilation is crucial
5	29–35	Finisher	60–65	42–45	Birds gain weight rapidly
6	36–42	Finisher	70–75	49–52	Prepare for market

7	43–45	Finisher	80–85	24–26 (for 3 days)	Final weight, reduce stress
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## Daily Feeding Schedule Example

- Days 1–7: 15–20g per bird/day (1.5–2kg for 100 birds/day)
- Days 8–14: 25–30g per bird/day (2.5–3kg for 100 birds/day)
- Days 15–21: 35–40g per bird/day (3.5–4kg for 100 birds/day)
- Days 22–28: 45–50g per bird/day (4.5–5kg for 100 birds/day)
- Days 29–35: 60–65g per bird/day (6–6.5kg for 100 birds/day)
- Days 36–42: 70–75g per bird/day (7–7.5kg for 100 birds/day)
- Days 43–45: 80–85g per bird/day (8–8.5kg for 100 birds/day)

## Practical Tips for Success

- Always provide clean, fresh water.
- Feed early in the morning and late afternoon for best results.
- Keep feeders and drinkers clean to prevent disease.
- Monitor bird health daily and remove sick birds promptly.
- Adjust feed if birds are underweight or overweight compared to the chart.
- Ensure good ventilation and avoid overcrowding.

## Sample 45-Day Broiler Feeding Chart (Summary Table)

Day	Feed Type	Feed per Bird (g)	Total Feed for 100 Birds (kg)
1–7	Starter	15–20	10–14

8–14	Starter	25–30	18–21
15–21	Grower	35–40	24–28
22–28	Grower	45–50	32–35
29–35	Finisher	60–65	42–45
36–42	Finisher	70–75	49–52
43–45	Finisher	80–85	24–26

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## Frequently Asked Questions

Q: How many 50kg bags of feed do I need for 100 broilers in 45 days?

A: You'll need about 8.5–9.5 bags of 50kg feed for 100 broilers over 45 days.

Q: Can I use homemade feed?

A: Yes, but ensure it is nutritionally balanced. Consult a poultry nutritionist for best results.

Q: What is the expected market weight at 45 days?

A: With good management, broilers can reach 2.2–2.5kg at 45 days.

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