

Poultry Feed Manufacturing Formulas

Broiler Feed Formulas (Per 100 kg)

Ingredient	Starter (0-10 days)	Grower (11-24 days)	Finisher (25-42 days)
Maize	50.00 kg	55.00 kg	58.00 kg
Soybean Meal (45%)	30.00 kg	25.00 kg	22.00 kg
Fish Meal (or Meat MBM)	8.00 kg	5.00 kg	3.00 kg
Wheat Bran	5.00 kg	8.00 kg	10.00 kg
Vegetable Oil	2.00 kg	3.00 kg	3.50 kg
Dicalcium Phosphate	2.00 kg	1.80 kg	1.50 kg
Limestone Powder	1.00 kg	1.00 kg	1.00 kg
Salt	0.30 kg	0.30 kg	0.30 kg
Vitamin + Mineral Premix	1.50 kg	1.50 kg	1.50 kg
Total	100.00 kg	100.00 kg	100.00 kg

Layer Feed Formulas (Per 100 kg)

Ingredient	Starter (0-6 weeks)	Grower (7-18 weeks)	Layer (19+ weeks)
Maize	45.00 kg	50.00 kg	45.00 kg
Soybean Meal (45%)	25.00 kg	20.00 kg	20.00 kg
Wheat Bran	10.00 kg	10.00 kg	15.00 kg
Fish Meal	10.00 kg	7.00 kg	5.00 kg
Dicalcium Phosphate	2.00 kg	2.00 kg	2.00 kg
Limestone Powder	5.00 kg	7.00 kg	11.00 kg
Salt	0.30 kg	0.30 kg	0.30 kg
Vegetable Oil	1.50 kg	1.50 kg	1.00 kg
Vitamin + Mineral Premix	1.20 kg	1.20 kg	0.70 kg
Total	100.00 kg	100.00 kg	100.00 kg

Feed Manufacturing Notes

- Adjust based on local ingredient availability and price.
- Test raw material quality (especially moisture, mycotoxins, protein).
- Grinding particle size: 2-4 mm for poultry feed.
- Pelletizing recommended for broilers; mash or crumbles for layers.
- Add enzymes, probiotics, coccidiostats, or growth promoters as needed.
- Use precision mixing equipment for uniformity and quality.