

## Nutrient levels for broiler diets

Feeding strategies for broiler chickens will vary depending on the target market for the final product. Strategies for feeding broilers destined for the whole bird market will differ from strategies for broilers destined to be sold as pieces. Furthermore, the nutrient intake of fast growing broilers must be carefully controlled to prevent metabolic diseases such as ascites and leg weakness. Table 2 provides data on typical levels of selected nutrients for broiler diets.

Broiler chicks

**Table 2.** Examples of broiler diets

<b>Nutrients</b>	<b>Units</b>	<b>Starter 0-10 days</b>	<b>Grower 11-24 days</b>	<b>Finisher &gt;25 days</b>
Protein	%	22-25	21-23	19-21
Metabolisable energy	Mj/Kg	12.60	13.30	13.50
	Kcal/kg	3010	3175	3225
Total Arginine	%	1.48	1.31	1.11
Digestible Arginine	%	1.33	1.18	1.00
Total Lysine	%	1.44	1.25	1.05
Digestible Lysine	%	1.27	1.10	0.92
Total Methionine	%	0.51	0.45	0.39
Digestible Methionine	%	0.47	0.42	0.36
Total Methionine +Cystine	%	1.09	0.97	0.83
Digestible Methionine +Cystine	%	0.94	0.84	0.72
Total Threonine	%	0.93	0.82	0.71
Digestible Threonine	%	0.80	0.70	0.61
Total Tryptophan	%	0.25	0.22	0.19
Digestible Tryptophan	%	0.22	0.19	0.17
Total Valine	%	1.09	0.96	0.81
Digestible Valine	%	0.94	0.83	0.70
Calcium	%	1.0	0.90	0.85
Av.phosphorous	%	0.50	0.45	0.42
Sodium	%	0.16	0.16	0.16