

Supplementary Material

Table S3. Ingredients and analysed nutrient compositions of the experimental layer diets of the first and second generations.

Diet	Layers		Layers	
	300 IU Vit D3		3000 IU Vit D3	
Generation	1	2	1	2
Ingredients (%)				
Wheat	39.80	39.74	39.80	39.74
Corn	20.00	20.00	20.00	20.00
Soybean, toasted	10.63	10.63	10.63	10.63
Soybean meal, toasted	8.00	8.00	8.00	8.00
High protein soybean meal, toasted	5.00	5.00	5.00	5.00
Lucerne pellets	2.44	2.44	2.44	2.44
Soybean oil	2.00	2.00	2.00	2.00
Calcium phosphate	2.16	2.46	2.16	2.46
Calcium carbonate	7.53	8.15	7.53	8.15
Sodium chloride	0.29	0.42	0.29	0.42
DL-Methionine	0.15	0.16	0.15	0.16
Silica (Sipernat®)	1.00	-	1.00	-
Premix 74237	1.00	1.00	-	-
Premix 74118	-	-	1.00	1.00
Nutrient composition				
Crude protein (%)	15.90	16.80	15.80	17.10
Crude fat (%)	5.60	6.20	6.20	6.20
Starch (%)	40.70	38.40	38.90	38.00
Sucrose (%)	3.60	3.00	4.00	3.40
ME / kg DM (MJ)	11.60	11.50	11.60	11.60
Vitamin D3 (IU / kg)	430.00	2000.00	2240.0	3400.00
Calcium (%)			3.38	
Phosphorus (%)			0.65	
Natrium (%)			0.26	