**Table 1. The diet Composition**

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| **Ingredients** | **Starter Phase** | **Grower Phase** |
| Maize | 51 | 55 |
| Wheat | 3 | 4 |
| Soybean meal | 34 | 31 |
| Canola meal | 2 | 1 |
| Wheat bran | 2 | 2 |
| Molasses | 1 | 0.5 |
| Vegetable oil | 4 | 3.5 |
| Methionine | 0.3 | 0.3 |
| Lysine | 0.4 | 0.4 |
| Limestone | 1.2 | 1.2 |
| Mineral premix1 | 0.60 | 0.60 |
| Vitamin premix2 | 0.50 | 0.50 |
|  **Nutrients composition:** |
| Dry matter | 90.56 | 90.20 |
| Crude protein | 21.40 | 19.90 |
| Metabolizable energy (Kcal/kg) | 2870 | 3065 |
| Crude fiber | 3.72 | 3.80 |
| Ether extract | 1.35 | 1.27 |
| Crude Ash | 5.34 | 5.60 |

Mineral premix (supplied in mg per kg of diet) Fe = 75, Cu = 7, Se = 0.13, Mn = 118, Zn = 78 and I = 0.32.Vitamin premix (supplied in mg per kg of diet) vitamin A = 5400 IU, vitamin E = 12 IU, vitamin D3 = 1000 IU, vitamin B12 = 0.007, riboflavin = 4.3, choline chloride = 218, folic acid = 0.53, pantothenic acid = 10, pyridoxine = 2.3, biotin = 0.13 and thiamine = 2.4.