|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Items | Groups a | | | | | p-value |
| HS1 | HS2 | HS3 | HS4 | HS5 |
| Initial BW (kg) | 21.31±0.92 | 22.13±3.06 | 21.25±1.69 | 19.88±1.1.81 | 22.19±2.34 | 0.196 |
| Final BW(kg) | 23.81±1.25d | 26.44±3.07cd | 28.38±2.23bc | 29.75±2.62b | 32.94±3.49a | ＜0.01 |
| BW gain (kg) | 2.50±0.76d | 4.31±1.92c | 7.13±1.71b | 9.88±1.43a | 10.75±1.79a | ＜0.01 |
| Gain rate (%) | 11.73±3.50d | 19.93±6.54c | 33.78±8.63b | 49.98±7.13a | 48.59±7.56a | ＜0.01 |
| ADG (g/d) | 31.25±9.45d | 53.91±12.91c | 89.06±21.33b | 123.44±17.91a | 134.38±22.41a | ＜0.01 |
| DMI (g/d） | 670.30±45.26c | 719.16±120.09bc | 741.21±71.22abc | 807.68±32.29ab | 851.93±98.86a | ＜0.01 |
| DM consume (kg) | 53.62±3.62c | 57.53±8.98bc | 59.30±5.70bc | 64.61±4.98ab | 68.15±7.91a | ＜0.01 |
| FCR | 23.86±9.75a | 13.94±3.38b | 8.92±3.06c | 6.67±1.15c | 6.44±1.00c | ＜0.01 |