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# LIST OF ABBREVIATIONS AND SYMBOLS USED

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|  |  |
| --- | --- |
| ABBREVIATIONS AND SYMBOLS | ELABORATIONS |
| % | Percent |
| FAO | Food and Agricultural Organization |
| gm | Gram |
| CP | Crude protein |
| Kg | Kilograms |
| MJ | Mega joule |
| ft | Feet |
| Wk. & Wks | Week & Weeks |
| Ltd. | Limited |
| sq cm | Square centimeter |
| cm | Centimeter |
| °F & °C | Degree ferenheite & degree celcious |
| ml | milliliter |
| Kcal | Kilocalorie |
| No. | Number |
| Tk. | Taka |
| Avg. | Average |

**PLAGIARISM CERTIFICATE**

Myself Tapas Roy Barman strongly assures that I have performed all works furnished here in this report. The information’s have been collected from Khaza quail farms and hatchery limited, Moij-jartack; Chittagong, books, national and international journals, websites and other references. All references have been acknowledged duly.

Therefore, I hold entire responsibility of collection, compilation, preservation and publication of all data accumulated here in this report.

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The Author

December, 2015.

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**ABSTRACT**

An observational study was conducted on 650 Japanese quail chicks from hatching up to marketing age (0-6 wks) in a farm at Moij-jartack, Chittagong to evaluate their management, growth and productive performance under litter floor rearing system. The total study period was 70 days. The chicks were hatched in the own hatchery of farm where the hatchability rate was 71.42%. The daily amount of supplied ration was fixed and varied in different ages. The birds were reared for 6 wks (marketing age) and were sold when 120-130 gm weight was achieved. The feed conversion ratio (FCR) in 1st wk was 1.4, but from (2-6) wks it was increased to 3.1, 5.24, 5.6, 5.6 & 6.37 respectively. The average weight was 130 gm at 6 wks with an average feed conversion ratio of 4.55: 1. Mortality rate decreased with age (2.42%). The farming was also profitable in terms of production per birds. It may be inferred that Japanese quail performs well under litter floor rearing in Bangladesh.

**Key words**: Japanese quail, Hatchability, FCR, Mortality rate.