**BREED DESCRIPTOR**

**I. GENERAL DESCRIPTION**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name of the breed | : |  |
|  | Synonyms / Local names, if any | : |  |
|  | Background for such a name | : |  |
|  | Since where the breed is known | : |  |
|  | Strains (or within breed type) | : |  |
|  | Most closely related breed(in appearance) | : |  |
|  | Origin of the breed (indigenous / exotic) | : |  |
|  | Origin if imported (name of the country) | : |  |
|  | 1. Native tract of distribution in terms of longitude and latitude | : |  |
|  | 1. Native environment : |  |  |
|  | 1. Soil description | : |  |
|  | 1. Average temperature | : |  |
|  | 1. Minimum temperature | : |  |
|  | 1. Maximum temperature | : |  |
|  | 1. Average humidity | : |  |
|  | 1. Maximum humidity | : |  |
|  | 1. Minimum humidity | : |  |
|  | 1. Annual rain fall | : |  |
|  | 1. Peak rain | : |  |
|  | 1. Annual duration of rain in months | : |  |
|  | 1. Annual duration of drought | : |  |
|  | 1. Annual duration of flood | : |  |
|  | 1. Elevation of land | : |  |
|  | 1. Approximate areas of distribution | : |  |

10 . Estimated population

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Year of estimation |  |  | |
| 1. Populations (in Lakh) |  | *Breedable male*  *Breedable female*  *Gosling (below 6months)*  *Total* |  |
| 1. Sources/Referances |  |  | |

11. (a) Communities responsible for developing the breed:

(b) Description of community (farmers / nomads / isolated / tribals) :

12. Flock size :

Composition:

Gander .....

Geese .....

Gosling .....

(below 6 months)

13. Utility of the breed (egg/meat/game/others) :

14. Feeding :.

15. Housing :

16. Type of management : Backyard production.

**II. PHYSICAL CHARACTERS**

1. **Colour** :
2. **Plumage pattern**:
3. **Bill colour** :
4. **Skin colour** :
5. **Shank colour** :
6. **Eye colour** :
7. **Feet/Web** :

**III) PERFORMANCE**

**1. Egg production characteristics :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Traits** | Average | Range | N |
| 1. Age at first egg (days) |  |  |  |
| 1. Annual egg production upto 72 weeks of age |  |  |  |
| 1. Age at culling |  |  |  |
| 1. Clutch size (days) |  | | |
| 1. Clutch interval (days) |  | | |
| 1. Laying cycle (months) |  | | |

1. **Egg quality traits**

|  |  |  |  |
| --- | --- | --- | --- |
| **Traits** | Average | Range | N |
| 1. Egg weight (g) |  |  |  |
| 1. Shell weight (g) |  |  |  |
| 1. Albumen weight (g) |  |  |  |
| 1. Yolk weight (g) |  |  |  |
| 1. Shell thickness (mm) |  |  |  |
| 1. Specific gravity |  |  |  |
| 1. Albumen index |  |  |  |
| 1. Yolk index |  |  |  |
| 1. Haugh units |  |  |  |
| 1. Shell colour (white/brown / cream or tinted/other) |  | | |
| 1. Albumen quality (thick/thin) |  | | |
| 1. Egg inclusion bodies (Blood spots/meat spots) |  | | |

**3. Reproduction characteristics :**

**(a) Broodiness :**

**(b) Fertility and hatchability percentage (under natural hatching/incubation):**

|  |  |  |  |
| --- | --- | --- | --- |
|  | ***Average*** | ***Rage*** | ***N*** |
| 1. Fertility |  |  |  |
| 1. Hatchability on FES |  |  |  |
| 1. Hatchability on TES |  |  |  |

**4. Growth characteristics :**

**a) Body weight**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Body weight at*** | ***Average*** | ***Rage*** | ***N*** |
| 1. Hatching (g) |  |  |  |
| 1. 8 weeks (g) |  |  |  |
| 1. 12 weeks (g) |  |  |  |
| 1. 12 months (kg) |  |  |  |

**b) Body measurements (cm):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | *Male* | | *Female* | |
| *Average* | *Range* | *Average* | *Range* |
| No. of observation |  | |  | |
| Bill length |  |  |  |  |
| Bill width |  |  |  |  |
| Head length |  |  |  |  |
| Head width |  |  |  |  |
| Neck length |  |  |  |  |
| Breast length |  |  |  |  |
| Body length |  |  |  |  |
| Wing span |  |  |  |  |
| Body circumference |  |  |  |  |
| Shank length |  |  |  |  |
|  |  |  |  |  |

**5. Mortality percentage :**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Age*** | ***Average*** | ***Range*** | ***N*** |
| 1. 0-1 week |  |  |  |
| 1. 1-8 weeks |  |  |  |
| 1. 8-20 weeks |  |  |  |
| 1. 6 – 12 months |  |  |  |

**6. Carcass characteristics :**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carcass Characters | | Male | | | Female | | |
| Average | Range | N | Average | Range | N |
| Age at slaughter (days) | |  |  |  |  |  |  |
| Weight (kg) | Hot |  |  |  |  |  |  |
| Cold |  |  |  |  |  |  |
| Dressing % | Hot |  |  |  |  |  |  |
| Cold |  |  |  |  |  |  |
| Meat bone ratio | |  |  |  |  |  |  |

**7. Stress tolerance :**

Drought tolerance :

Heat tolerance :

**8. Any other information:**