**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:**