**ICAR-NATIONAL BUREAU OF ANIMAL GENETIC RESOURCES**

**KARNAL‑132001 (HARYANA)**

BREED DESCRIPTOR for REGISTRATION

***Species:* DUCK**

**I. GENERAL DESCRIPTION**

1. Name of the Breed

2. Synonyms

3. Background for such a name/ origin

4. Since when the breed is known

5. Strains (or within breed types)

6. Most closely related breeds/populations

(in appearance)

7. Origin of the breed (indigenous / exotic)

8. Origin if imported (name of the country)

9. a. Native tract of distribution in

terms of longitude and latitude

b. Approximate area of distribution (sq.km)

c. Place(s) State:

District(s):

10. Estimated Population

a. Year of estimation

b. Population

c. Source/Reference

11. a. Communities responsible for

developing the breed

b. Description of community

(Farmers/Nomads/Isolated/Tribes)

12. Flock: Size Average: Range:

Composition (%) Drakes: Ducks: Ducklings (<6mo)

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

14. Feeding

15. Housing

16. Type of management

14. Any other information

**II. PHYSICAL CHARACTERS Male Female**

1. Plumage Colour
2. Plumage pattern
3. Bill colour
4. Skin colour
5. Shank colour
6. Eye colour
7. Feet/Web
8. Any other information
9. **PERFORMANCE**

1. Egg production characteristics

|  |  |  |  |
| --- | --- | --- | --- |
| Traits | Average | Range | N |
| 1. Age at first egg (days) |  |  |  |
| 1. Annual egg production |  |  |  |
| 1. Age at culling (days) |  |  |  |
| 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 | Range | N |
| Fertility (%) |  |  |  |
| Hatchability on FES (%) |  |  |  |
| Hatchability on TES (%) |  |  |  |

4. Growth characteristics

a) Body weight

|  |  |  |  |
| --- | --- | --- | --- |
| Body weight at | Average | Range | N |
| Hatching (g) |  |  |  |
| 4 weeks (g) |  |  |  |
| 8 weeks (g) |  |  |  |
| 12 weeks (g) |  |  |  |
| 6 months (kg) |  |  |  |
| 8 months (kg) |  |  |  |
| 12 months (kg) |  |  |  |

b) Body measurements (cm):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Male | | | Female | | |
| Average | Range | N | Average | Range | N |
| 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 |
| 0-1 week |  |  |  |
| 1-8 weeks |  |  |  |
| 8-20 weeks |  |  |  |
| 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

1. Any other information