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

**KARNAL‑132001 (HARYANA)**

BREED DESCRIPTOR for REGISTRATION

***Species: Chicken***

**I. GENERAL DESCRIPTION**

1. Name of the breed

2. Synonyms / Local names, if any

3. Background for such a name

4. Since when the breed is known

5. Strains (or within breed types)

6. Most closely related breeds

(in appearance)

7. Origin of breed (Indigenous/exotic)

8. Origin, if imported (Name of 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

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/tribals)

12.Flock: Average size …

Composition: Cocks … % Hens…. % Chicks …… %

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

14. Any other information

**II. PHYSICAL CHARACTERS**

1. Colour

a) Plumage colour

b) Plumage Pattern

c) Skin colour

d) Shank colour

e) Earlobe colour

f) Comb colour

g) Eye colour

2. Comb

a) Type

b) Size

3. Other specific visible traits

**III. PERFORMANCE**

1. Egg production characteristics Average Range N

a) Age at first egg (months)

b) Annual egg production

c) Clutch size (days)

d) Clutch interval (days)

e) Laying cycle (months)

2. Egg quality traits Average Range N

1. Egg weight (g)
2. Shell weight (g)
3. Albumin weight (g)
4. Yolk weight (g)
5. Shell thickness (µ)
6. Specific gravity
7. Albumin index
8. Yolk index
9. Haugh units
10. Shell colour (white/brown/cream or tinted/other)
11. Albumin quality (thick / thin)
12. Egg inclusion bodies (Blood spots/meat spots)

3. Reproduction characteristics

a) Broodiness (usual/sometimes/rare/other)

b) Fertility and hatchability (%) Average Range N

i) Fertility

ii) Hatchability on fertile egg basis

iii) Hatchability on total egg basis

4. Growth characteristics

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Body Weight at | Male | | | Female | | |
| Average | Range | N | Average | Range | N |
| Hatching (g) |  |  |  |  |  |  |
| 8 weeks (g) |  |  |  |  |  |  |
| 12 weeks (g) |  |  |  |  |  |  |
| Adult weight (kg) |  |  |  |  |  |  |

5. Mortality(%) Average Range N

a) 0-1 weeks

b) 1-8 weeks

c) 8-20 weeks

d) n-n weeks

6. Carcass characters

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carcass characters | | Male | | | Female | | |
| Average | Range | N | Average | Range | N |
| Age at slaughter (days) | |  |  |  |  |  |  |
| Weight (kg) | Hot |  |  |  |  |  |  |
| Cold |  |  |  |  |  |  |
| Dressing % | Hot |  |  |  |  |  |  |
| Cold |  |  |  |  |  |  |
| Meat: bone ratio | |  |  |  |  |  |  |
| Feed conversion efficiency | |  |  |  |  |  |  |

7. Any other information specific to the breed