

**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

### III. PERFORMANCE

#### 1. Egg production characteristics

Traits	Average	Range	N
a) Age at first egg (days)			
b) Annual egg production			
c) Age at culling (days)			
d) Clutch size (days)			
e) Clutch interval (days)			
f) Laying cycle (months)			

#### 2. Egg quality traits

Traits	Average	Range	N
a) Egg weight (g)			
b) Shell weight (g)			
c) Albumen weight (g)			
d) Yolk weight (g)			
e) Shell thickness (mm)			
f) Specific gravity			
g) Albumen index			
h) Yolk index			
i) Haugh units			
j) Shell colour (white/brown / cream or tinted/other)			
k) Albumen quality (thick/thin)			
l) 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

8. Any other information