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

**KARNAL‑132001 (HARYANA)**

BREED DESCRIPTOR for REGISTRATION

***Species: Sheep***

## **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

 (in appearance)

7. a. Native tract of distribution in terms of longitude

 and latitude

 b. Approximate area of distribution (sq km)

 c. Place(s) State District

8. Estimated population

 a. Year of estimation

 b. Population

 c. Source / Reference

9. a. Communities responsible for developing the breed

 b. Description of community (Farmers/nomads/isolated/tribals)

10 Flock: Average size ….

 Composition: Ewes … % Rams…. % Lambs …… %

11.Utility of the breed [Fibre (Apparel/Carpet/Coarse)/ Meat/ Milk/ Skin/ Fur (lamb skins)/ Pelt/ Transport/ Manure/Others (specify)]

12.Any other information

**II. PHYSICAL CHARACTERS**

1. Colour

Distinctive colour markings, if any

2. Head profile (straight/slightly convex/convex)

3. Ears (erect/pendulous/horizontal)

4. Wattles (present/absent)

5. Horns

1. Number
2. Colour
3. Shape
4. Orientation
5. Size (small < 15/ medium 15‑25 /large > 25 cm.)

6. Coat

1. Type (hair/wool)
2. Length (12‑month fleece) (short <5/medium 5‑10/long >10 cm)
3. Lustre (lustrous/non‑lustrous)
4. Crimp / curl (straight/low crimp = < 4 / high crimp = > 4 cm.)
5. Fineness (fibre diameter)(fine < 21 /medium 22‑26 coarse >26 micrometers)
6. Wool cover (covered/bare)
	* Head
	* Face
	* Belly
	* Legs

7. Beard (present/absent)

8. Tail

1. Type
2. Shape
3. Length (short/medium/long)

9. Any other information

**III. PERFORMANCE**

1. Body Weight (kg)

|  |  |  |
| --- | --- | --- |
| Weight at | Male | Female |
| Average | Range | N | Average | Range | N |
| Birth |  |  |  |  |  |  |
| Weaning/ 3 months |  |  |  |  |  |  |
| 6 months  |  |  |  |  |  |  |
| 1 year  |  |  |  |  |  |  |
| First Lambing |  |  |  |  |  |  |
| Adult weight  |  |  |  |  |  |  |

2. Body measurements (cm)

|  |  |  |
| --- | --- | --- |
| Body measurement  | Male | Female |
| Average | Range | N | Average | Range | N |
| Chest-girth |  |  |  |  |  |  |
| Body length |  |  |  |  |  |  |
| Height at withers |  |  |  |  |  |  |

3. Carcass characters

|  |  |  |
| --- | --- | --- |
|  | Male | Female |
| Average | Range | N | Average | Range | N |
| Age at slaughter(days) |  |  |  |  |  |  |
| Weight at Slaughter (kg) |  |  |  |  |  |  |
| Carcass weight (kg) |  |  |  |  |  |  |
| Dressing % |  |  |  |  |  |  |

4. Dairy performance

|  |  |  |  |
| --- | --- | --- | --- |
|  | Average | Range | N |
| Daily milk yield (g) |  |  |  |
| Total lactation milk yield (kg) |  |  |  |
| Lactation length (days) |  |  |  |
| Fat % |  |  |  |
| SNF % |  |  |  |

5. Reproduction

|  |  |  |  |
| --- | --- | --- | --- |
|  | Average | Range  | N |
| Age at first mating in males (days) |  |  |  |
| Age at first mating in females (days) |  |  |  |
| Age at first Oestrus (days) |  |  |  |
| Oestrus cycle duration(days) |  |  |  |
| Age at first lambing (days) |  |  |  |
| Lambing interval (days) |  |  |  |
| Service period (days) |  |  |  |
| Litter size |  |  |  |
| Lifetime lamb production |  |  |  |
| Lambing rate (%) |  |  |  |

6. Wool production (true wool/heterotypes/hair/kemps)

a. Age at shearing (months)

b. Fleece colour

|  |  |  |  |
| --- | --- | --- | --- |
| Trait | Average | Range | N |
| Greasy fleece weight (kg) |  |  |  |
| Clean fleece weight (kg) |  |  |  |
| Staple length |  |  |  |
| Fibre diameter |  |  |  |
| Medullation % |  |  |  |

7. Pelt production

|  |  |  |
| --- | --- | --- |
| Trait | Foetus | Lamb |
| Average | Range | N | Average | Range | N |
| Pelt weight (g) |  |  |  |  |  |  |
| Pelt length (cm) |  |  |  |  |  |  |
| Pelt width (cm) |  |  |  |  |  |  |

8. Any other information specific to the breed