**Breed Descriptor of Himachali Pahari (Cattle)**

|  |  |
| --- | --- |
| Male | Female |
|  |  |

|  |  |
| --- | --- |
| **Breeding Tract** |  |
| State: Himachal Pradesh | Lahul & Spiti |
|  | Sirmaur |
|  | Shimla |
|  | Mandi |
|  | Kullu |
|  | Kinnaur |
|  | Kangra |
|  | Chamba |
| **Location** |  |
| Longitude (deg.) | 75.47 - 79.40 |
| Latitude (deg.) | 30.22 - 34.34 |
| **General Information** |  |
| Synonyms | Pahari, Desi, local, Gauri, Himdhenu |
| Origin | Native. Named as used in local parlance for being native to hills |
| Major utility | Milk, draught, manure, urine |
| Comments on utility | Moderate draught performance, Capability to work on narrow, sloppy, undulating , hill terrain |
| Comments on breeding tract | The ecology of habitat is sub-tropical/sub-humid/temperate/cold mountainous type. The climate is characterized by seasonal variations in temperature, humidity and sunshine. There are three distinct seasons round the year in Himachal Pradesh; winter (October to February), summer (March to June) and rainy (July to September). A snowfall at the elevations of about 3000 m is about 3 m and lasts from December to March. Above 4500 mts, is almost perpetual snow. |
| Adaptability to environment | High adaptation to mountain topography, extremely cold climate, and fodder scarcity |

|  |  |  |  |
| --- | --- | --- | --- |
| **Population** |  |  |  |
|  | Year | Population | Other information |
|  | 2019 | 759000 | Source: Livestock Census |

|  |  |
| --- | --- |
| **Management** |  |
| Management system | Extensive |
| Mobility | Stationary |
| Feeding of adults | Grazing,Fodder and Concentrate |
| Comments on Management | Kept loose, rarely tied. Generally kept in small herds of 2-5 animal in lower ranges, while in higher ranges large cattle herds (8-10) are managed under extensive system. In lower mid hills, mixed system of stall feeding and grazing is prevalent with occasional concentrate feeding. In mid to high hills, cattle are left for grazing throughout the day in summers. In colder months, they are fed on stored grasses and cereals. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Morphology** |  | | |
| Colour | Primarily black and blackish brown | | |
| Horn shape and size | Medium sized, mainly curved in lateral and upward direction. Size: Male- 16.1, Female- 12.9cm | | |
| Visible characteristics | Small to medium sized animal with compact cylindrical body, short legs, medium hump, horizontally placed ears and comparatively long tail. | | |
|  | Male | Female | Overall |
| Height (avg. cm.) | 110.3 | 98.3 |  |
| Body Length (avg. cm.) | 140.3 | 112.0 |  |
| Heart girth (avg. cm.) | 136.9 | 123.8 |  |
| Body weight (avg. kg.) | 227.0 | 186.0 |  |
| Birth weight (avg. kg.) | 14.4 | 13.9 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Performance** |  | | |
|  | Average | Minimum | Maximum |
| Litter size born | 1.0 |  |  |
| Age at first parturition (months) | 49.8 | 44.0 | 54.0 |
| Parturition interval (months) | 17.9 | 15.0 | 24.0 |
| Milk yield per lactation (kg) | 538.0 | 300.0 | 650.0 |
| Milk Fat (%) | 4.68 | 4.06 | 5.83 |
| Any Peculiarity of the breed |  |  |  |