**Breed Descriptor of Purnea (Cattle)**

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| Male | Female |
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| **Breeding Tract** |  |
| State: Bihar | Supaul |
|  | Kishanganj |
|  | Araria |
|  | Katihar |
|  | Purnia |
|  | Madhepura |
| **Location** |  |
| Longitude (deg.) | 86.45 - 87.52 |
| Latitude (deg.) | 25.13 - 26.26 |
| **General Information** |  |
| Synonyms |  |
| Origin | Native. Named after the name of its breeding tract |
| Major utility | Milk, draught and manure |
| Comments on utility |  |
| Comments on breeding tract | Purnea cattle are distributed in Seemanchal region of Bihar comprising entire districts of Araria, Purnea and Katihar, and the adjoining areas of Kishanganj, Supaul and Madhepura districts. |
| Adaptability to environment | Very good drought and heat tolerant capabilities |

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| **Population** |  |  |  |
|  | Year | Population | Other information |
|  | 2012 | 219000 | Source: Indian J. Anim. Sci. 82: 1594-97 |

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| **Management** |  |
| Management system | Extensive |
| Mobility | Stationary |
| Feeding of adults | Grazing and Fodder |
| Comments on Management | In addition to grazing, only straws from paddy, wheat and maize are provided as fodder |

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| **Morphology** |  | | |
| Colour | Primarily grey followed by red and black | | |
| Horn shape and size | Straight and mostly carried upwards sometimes laterally. Size: Male- 8.3 Female- 7.1cm | | |
| Visible characteristics | These are small sized animals. These cattle have medium hump, small to medium dewlap, small naval flap and small to medium sized udder. Head is medium in size. Most of the Purnea cattle has flat poll while some have moderately prominent poll. | | |
|  | Male | Female | Overall |
| Height (avg. cm.) | 116.9 | 109.1 |  |
| Body Length (avg. cm.) | 104.6 | 101.9 |  |
| Heart girth (avg. cm.) | 144.6 | 136.8 |  |
| Body weight (avg. kg.) | 202.0 | 176.0 |  |

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| **Performance** |  | | |
|  | Average | Minimum | Maximum |
| Litter size born | 1.0 |  |  |
| Age at first parturition (months) | 49.3 | 33.0 | 63.0 |
| Parturition interval (months) | 15.0 | 12.0 | 23.0 |
| Milk yield per lactation (kg) | 609.1 | 452.0 | 785.0 |
| Milk Fat (%) | 4.22 | 4.0 | 4.5 |
| Any Peculiarity of the breed |  |  |  |