## **Breed Descriptor of Sahiwal (Cattle)**





| <b>Breeding Tract</b>       |                                                         |            |                       |  |
|-----------------------------|---------------------------------------------------------|------------|-----------------------|--|
| State: Punjab               | Amritsar                                                |            |                       |  |
|                             | Ferozpur                                                |            |                       |  |
| State: Rajasthan            | Ganganagar                                              |            |                       |  |
| Location                    |                                                         |            |                       |  |
| Longitude (deg.)            | 73.6 - 74.4                                             |            |                       |  |
| Latitude (deg.)             | 29.10 - 30.55                                           |            |                       |  |
| General Information         |                                                         |            |                       |  |
| Synonyms                    | Lambi Bar, Lola, Montgomery, Multani and Teli.          |            |                       |  |
| Origin                      | The breed derives its name from Sahiwal area in         |            |                       |  |
|                             | Montgomery district of Punjab (Pakistan.                |            |                       |  |
| Major utility               | Food - Milk                                             |            |                       |  |
| Comments on utility         | One of the best dairy breed of zebu cattle. It is being |            |                       |  |
|                             | utilized for improvement of local stock.                |            |                       |  |
| Comments on breeding        | A few herds of pure Sahiwal cattle are available aound  |            |                       |  |
| tract                       | Fazilka and Abohar towns of Ferozepur district.         |            |                       |  |
| Adaptability to environment |                                                         |            |                       |  |
| Population                  |                                                         |            |                       |  |
|                             | Year                                                    | Population | Other information     |  |
|                             | 2013                                                    | 1092459    | Source: Estimated     |  |
|                             |                                                         |            | Livestock Population  |  |
|                             |                                                         |            | Breed Wise Based on   |  |
|                             |                                                         |            | Breed Survey 2013.    |  |
|                             |                                                         |            | Department of         |  |
|                             |                                                         |            | Animal Husbandry,     |  |
|                             |                                                         |            | Dairying & Fisheries, |  |
|                             |                                                         |            | Government of India,  |  |
|                             |                                                         |            | New Delhi             |  |
| Management                  |                                                         |            |                       |  |
| Management system           | Semi-Intensive Semi-Intensive                           |            |                       |  |
| Mobility                    | Stationary                                              |            |                       |  |
| Feeding of adults           | Grazing, Fodder and Concentrate                         |            |                       |  |

| Comments on Management            | Animals are not provided with any type of house. They are kept loose in an open area. Only calves are provided with bush enclosers. Animals are taken for grazing in the morning. Milking cows return early while the rest return at sun set. They are also fed green fodder. Milking cows are provided supplementry feeding in the form of cotton seed, barley and oil cake. Feed is given in soaked form at the time of milking. Calves are reared on whole milk up to 1 month of age after which some green fodder is also fed. Calves are allowed to suck 1-2 teats up to 6 months of age. |         |         |  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--|
| Morphology                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |  |
| Colour                            | Brownish red colour, shades may vary from a mahogany red brown to more greyish red. Extremities in bulls are darker than rest of body colour. Occasionally there are white patches.                                                                                                                                                                                                                                                                                                                                                                                                            |         |         |  |
| Horn shape and size               | Horns are stumpy and short to medium running Outwards, upwards and then inwards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |         |  |
| Visible characteristics           | Pale red colour, short horns and loose skin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |         |  |
|                                   | Male                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Female  | Overall |  |
| Height (avg. cm.)                 | 170.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 124.0   |         |  |
| Body Length (avg. cm.)            | 150.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 131.0   |         |  |
| Heart girth (avg. cm.)            | 190.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 164.0   |         |  |
| Body weight (avg. kg.)            | 540.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 327.0   |         |  |
| Birth weight (avg. kg.)           | 22.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20.7    |         |  |
| Performance                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •       | •       |  |
|                                   | Average                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Minimum | Maximum |  |
| Age at first parturition (months) | 41.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30.0    | 50.0    |  |
| Parturition interval (months)     | 15.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13.0    | 18.0    |  |
| Milk yield per lactation (kg)     | 2325.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1600.0  | 2750.0  |  |
| Milk Fat (%)                      | 4.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.8     | 5.1     |  |
| Any Peculiarity of the breed      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |  |