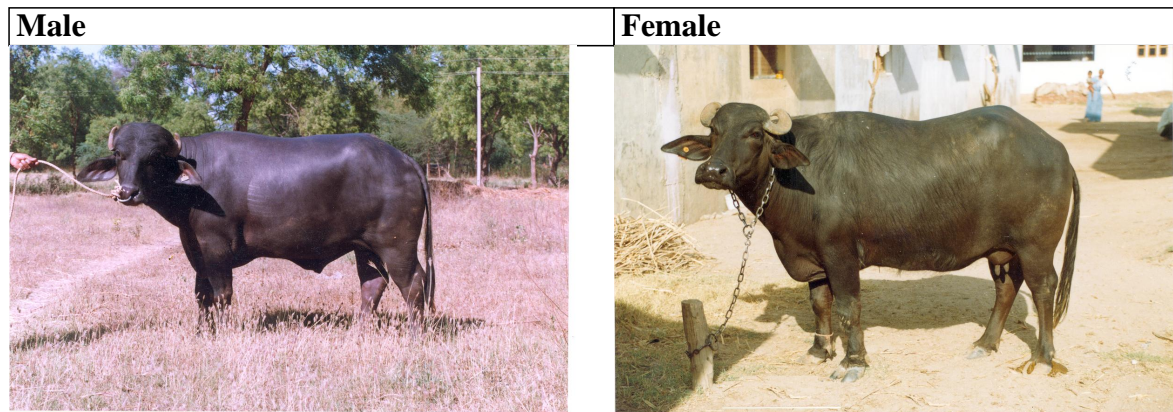


Breed Descriptor of Mehsana (Buffalo)



Breeding Tract			
State: Gujarat	Sabar Kantha		
	Mahesana		
	Gandhinagar		
	Banas Kantha		
	Ahmadabad		
Location			
Longitude (deg.)	71.26 - 72.52		
Latitude (deg.)	23.02 - 24.55		
General Information			
Synonyms	Mahesani, Mehsani		
Origin	Derived from the town of Mehsana in North Gujarat.		
Major utility	Food - Milk.		
Comments on utility	The breed is considered to be a cross between Surti and Murrah.		
Comments on breeding tract	Typical animals are seen in the towns of Mehsana, Patan, Sidhpur, Vijapur, Kadi, Kalol and Radhanpura.		
Adaptability to environment			
Population			
	Year	Population	Other information
	1993	689380	Source: Indian J. Animal Sciences, 2008. 78(7):791.
	2013	2676699	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		
Mobility	Stationary		

Feeding of adults	Grazing Fodder and Concentrate		
Comments on Management	Farmers maintain animals as commercial production unit. Breeding is through A.I. Grazing is practised in rainy season along road side or river beds. Lucern is grown as a main green fodder crop. Concentrate is fed to milking buffaloes and it contains sorghum/ maize, wheat bran, rice bran, GNC, sunflower, clusterbean, kurma and molases. Usually pelleted concentrate feed supplied by NDDDB is fed to animals. Animals are tied mostly at a place over day and night. Houses in the form of temporary sheds of thatched roofs and wooden partitions are provided. Female calves are cared more.		
Morphology			
Colour	Mostly black, a few animals are black brown or brown.		
Horn shape and size	Horns are generally sickle shaped with the curve more upward then in the Surti breed and less curved then in the Murrah breed. They are generally bent downward and then take a curve like the horns of a ram.		
Visible characteristics	Eyes are very prominent, black and bright bulging from their sockets with folds of skin on upper lids.		
	Male	Female	Overall
Height (avg. cm.)	134.0	128.0	
Body Length (avg. cm.)	154.0	142.0	
Heart girth (avg. cm.)	201.0	189.0	
Body weight (avg. kg.)	565.0	484.0	
Birth weight (avg. kg.)	29.5	28.5	
Performance			
	Average	Minimum	Maximum
Age at first parturition (months)	42.83	22.0	54.0
Parturition interval (months)	15.64	10.0	31.0
Milk yield per lactation (kg)	1988.0	598.0	3597.0
Milk Fat (%)	6.83	5.2	9.5
Any Peculiarity of the breed	The breed is known as persistent milker and regular breeder.		