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Vet Article

# GIROLANDO



One of the characteristics of this cattle, result of the cross breed of Holstein and gyr races, are they exceptional dairy production, in fact, one of the most versatile races in the tropical world. The females of Girolando got physiology and morphology characteristics perfect for the

tropical climate with a good economic performance. The males of the species, get a equiparable performance face to face to a any meat race with the same breeding context.

Through the years, this race has turns into an alternative to improve milk production in hot weathers. Thanks to their rusticity, endurance, and adaptability to the tropic it's wished by all productors. Their capacity of autoregulate their corporal temperature, his muscular conformation and skeleton, their straight and strong poises, ruminal capacity, etc. make them rentable for though climates.

The heifer also outstands because they are capable of produce between eighteen and twenty L of milk a day, the alimentation and nutrition plays a fundamental role; calcium, vitamins, etc. are essentials for maintain them healthy and strong. Also helps to not keep weak after each birth.

Adult bulls of this race could reach the weight of 750 kg reaching the five years old, and adult cows can reach 450 kg in the same period. The steers at the birth their weight is 25 kg for the males and 24 kg for the females; two years later the males can reach 360 kg in traditional conditions of exploitation. Longevity, fertility and precocity are characteristics in the Girolando race, derivates into a numerous descendance, having their first offspring at the 30 months old, nevertheless the peak of production are at his 10 years with results until 15 years old

## Physical Characteristics

Medium length, well proportionated, sharp lines, and robust constitution. Their principal distinction among other races it's the conformation of his prominent head, wide forehead and very convex making them unmistakable.



Gross-down horns pointed to behind with a curvature to behind, very long ears. Prominent foreskin and belly button, his skin in hanging and loose. The reproductive efficiency of the girolando Is their most strong point, because the fertility improves when the cattle is in their climate. Their anatomic conformation of the reproductive tract of the females it's ideal, nor even the heifers have a lot of complications during the birth, artificial insemination and embryo transfer have gotten exceptional results.

The embryo of this bovine it's the most resilient than any other races, it endures higher variations of temperature and the period of gestation of the females is early being intermediate between the Holstein and the gyr. The economic result of this activity of the breeding activity came from the sale of sperm, milk, and the animals themselves. The commercialization of these leftover bovines is more significant than the milk sales.

The origin of the first girolando it's not that antique, the firsts notices about this race came in the decade of the 40's when Brazilian breeders started the intensive practice of crossing the gyr and Holstein cattle, looking for a complement between the two races rusticity and milk productivity.