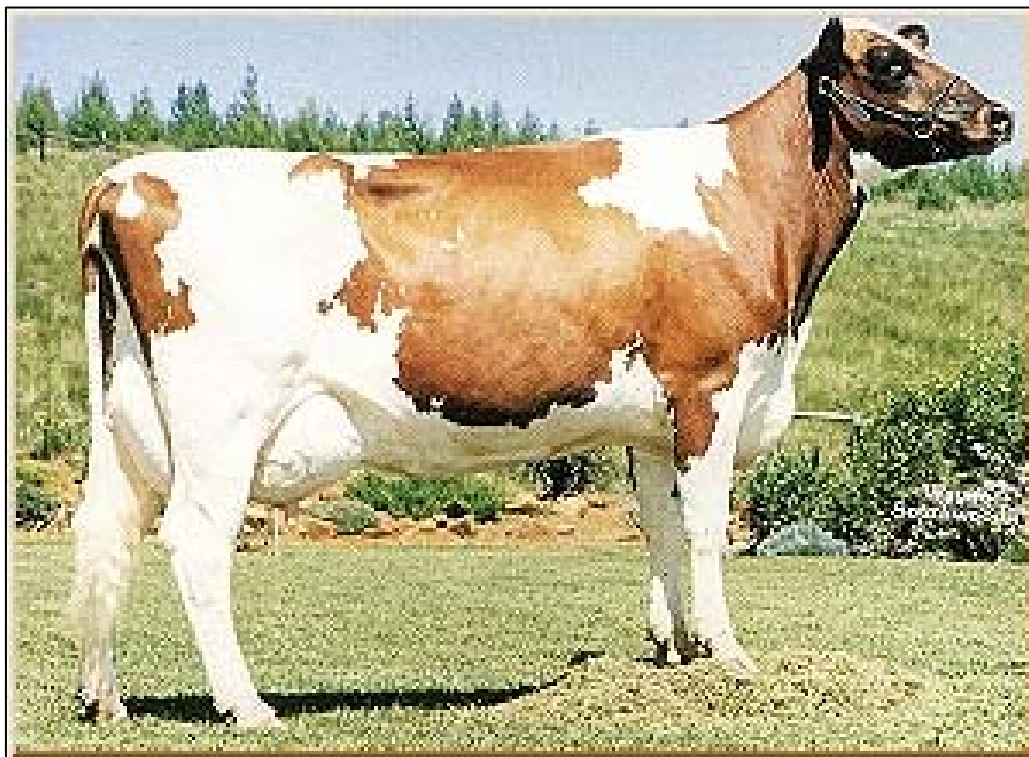


# AYRSHIRE

## Dairy



**Origin:** Developed from different strains of cattle in the County of Ayr, **Scotland**

**Physical Characteristics:**

- Coat color:  
Deep cherry red, mahogany, brown with white markings. The spots are usually very jagged at the edges and scattered all over the body
- Mature weight:  
Bulls: 800-900kg  
Cows: 500-600kg
- Medium sized cattle

**Performance (Average):**

- Milk yield per lactation: 5967 Litres
- Butter fat: 3.9 %
- Protein: 3.4 %

**Attributes:**

- Strong hardy and aggressive cattle adopted to all management systems
- Forage under adverse feeding and climatic conditions
- Perform better at pasture than larger dairy breeds
- Produce calves with vigor and easy to raise
- Have excellent udders

# GUERNSEY

## Dairy



**Origin:** Developed from the large French cattle-Norman Brindles and smaller Froment du Leon breeds on the Channel Island of Guernsey, **Britain**.

**Physical Characteristics:**

- Coat color: Fawn with white markings and yellow skin.
- Mature weight:
  - Bulls: 700-850 kg
  - Cows: 500-600 kg

**Performance (average):**

- Milk yield per lactation: 5,520 Litres
- Butter fat: 5.0 %
- Protein: 4.0 %

**Attributes:**

- Produce high quality milk on 20-30% less feed than larger dairy breeds
- Adaptable to a wide range of climatic and geographical conditions
- Excellent grazers and also ideal for intensive grazing programs in terms of less feed costs as compared to the Friesian.
- Ease in calving
- Pasture based milk producers with high protein content

# HOLSTEIN-FRIESIAN

## Dairy



**Origin:** Major historical development occurred in **Netherlands** in the provinces of North Holland and Friesland. Original stock was black animals and white animals.

### Physical Characteristics:

- Coat color:  
Distinct black and white color markings. A recessive red color exists.
- Mature weight:  
Bulls: 1,000-1,200kg  
Cows: 600-700kg
- Largest of the dairy breeds
- Daily weight gain of fattening bulls is 1,150g

### Performance (Average)

- Milk yield per lactation: 8,000 Litres
- Butter fat: 4.0 %
- Protein: 3.3 %

### Attributes:

- Perform well under different production systems and climates
- Produce highest volume of milk of all dairy breeds
- Produce vigorous calves distinguished by rapid growth, early maturity (age at first service is 15 months, and first calving is 24-27 months)
- Cross-bred with beef cattle to produce good quality veal

# JERSEY

## Dairy



**Origin:** Channel Island of Jersey, **Britain**. Its one of the oldest dairy breeds.

### **Physical Characteristics:**

- Coat color:  
Light grey fawn almost black, darker at hips, head & shoulders, the darker muzzle has a light ring around it.
- Mature weight:  
Bulls: 536 -800 kg  
Cows: 357-536 kg
- Short head, broad forehead with a concave line

### **Performance (average):**

- Milk yield per lactation: 4,000 Litres
- Butter fat: 6.0 %
- Protein: 4.2 %

### **Attributes:**

- Adaptable to a wide range of climatic and geographical conditions
- Excellent grazers and also perform well in intensive grazing programmes
- Tolerant to heat than larger breeds
- Long lived and fastest at maturing as compared to other dairy breeds
- Easy calving
- Highest fat and solids-non-fat in comparison to other dairy breeds