



Holstein

The Holstein is the most common of the dairy breeds and is known for her black-and-white spots. The breed originated in the Netherlands. A Dutch settler brought the first Holstein to America in 1621. In addition to her black-and-white markings, she produces more milk than other dairy breeds.

Holstein's Trait Scores

Temper	6/10
Height	6/10
Udder	9/10
Length	6/10
Feet/Legs	6/10
Weather Resilience	3/10
Skin Qualities	3/10



Brown Swiss

Many dairy historians consider the Brown Swiss the oldest of the dairy breeds. Originating in the Alps of Switzerland, the Brown Swiss vary in color from silver to dark brown and are large with large ears. Their milk is ideal for making cheese because of its high protein-to-fat ratio.

Brown Swiss's Trait Scores

Temper	3/10
Height	9/10
Udder	6/10
Length	9/10
Feet/Legs	9/10
Weather Resilience	8/10
Skin Qualities	4/10



Jersey

The Jersey is the smallest of the dairy breeds, weighing in at 800 to 1,200 pounds, while the average cow weighs about 1,500 pounds. Originating from the Isle of Jersey in the British Channel, the Jersey ranges in color from light to dark brown, has big eyes and a docile nature. The most heat-tolerant of dairy breeds, she produces milk with very high butterfat content.

Jersey's Trait Scores

Temper	9/10
Height	4/10
Udder	8/10
Length	4/10
Feet/Legs	4/10
Weather Resilience	7/10
Skin Qualities	7/10



Ayrshire

The Ayrshire is known as the “aristocrat” of dairy breeds because of its size and vigor. Brought to America around 1800 from the county of Ayr Scotland, the Ayrshire breed is rusty-red and white in color, Ayrshires adapt easily to their environment.

Ayrshire’s Trait Scores

Temper	4/10
Height	5/10
Udder	4/10
Length	6/10
Feet/Legs	6/10
Weather Resilience	9/10
Skin Qualities	9/10



Guernsey

The Guernsey is known for its rich, golden color of milk because of its high levels of beta carotene, a source of vitamin A. First raised by the monks on the Isle of Guernsey in the English Channel, the Guernsey is a range of fawn to golden in color, often with white legs and white areas on the body.

Guernsey’s Trait Scores

Temper	5/10
Height	3/10
Udder	5/10
Length	3/10
Feet/Legs	3/10
Weather Resilience	6/10
Skin Qualities	6/10



Milking Shorthorn

The Milking Shorthorn is considered a dual purpose breed which can be used for milk or beef production. Coming from Great Britain, this dairy breed is large in size and is white and roan in color, but also can be mostly red with some white markings. Its milk is known for its high protein-to-fat ratio.

Milking Shorthorn’s Trait Scores

Temper	2/10
Height	8/10
Udder	3/10
Length	8/10
Feet/Legs	6/10
Weather Resilience	6/10
Skin Qualities	5/10

Using the cows information you drew, insert the following information into "Cow 1" of Round 1. When instructed by the teacher, you will go find another person in the class and put their cows information in for "Cow 2". Once all information has been shared, you will then total the numbers of each individual trait and then divide by 2. For example, if Cow 1's height was 6/10 and Cow 2's height was 3/10, you will add 6+3 to make 9 and then divide by 2 to get a total of 4.5. Once each individual trait total has been identified, you will put the new totals for each trait into the next round for Cow 1. **See example on the board**

Round 1				Round 2				Round 3				Round 4				Round 5			
Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total
Temp				Temp				Temp				Temp				Temp			
Height				Height				Height				Height				Height			
Udder				Udder				Udder				Udder				Udder			
Length				Length				Length				Length				Length			
Feet/Leg				Feet/Leg				Feet/Leg				Feet/Leg				Feet/Leg			
WR				WR				WR				WR				WR			
Skin				Skin				Skin				Skin				Skin			
Round 6				Round 7				Round 8				Round 9				Round 10			
Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total	Traits	Cow 1	Cow 2	Total
Temp				Temp				Temp				Temp				Temp			
Height				Height				Height				Height				Height			
Udder				Udder				Udder				Udder				Udder			
Length				Length				Length				Length				Length			
Feet/Leg				Feet/Leg				Feet/Leg				Feet/Leg				Feet/Leg			
WR				WR				WR				WR				WR			
Skin				Skin				Skin				Skin				Skin			