

Milk Protein and Butterfat Values

Milk protein is worth 0.7276 cent per litre for each 0.1% per litre.

What is the loss when protein drops by 0.2%, for a cow yielding 27 litres?

The loss is 0.7276 multiplied by 2, multiplied by 27, which is 39 cent per cow per day.

The loss per 50 cows is € 20 per day.

Milk butterfat is worth 0.3164 cent per litre for each 0.1% per litre.

What is the loss when butterfat drops by 0.4% for a cow yielding 27 litres?

The loss is 0.3164 multiplied by 4, multiplied by 27, which is 34 cent per cow per day.

The loss per 50 cows is € 17 per day.

Are cows getting enough to eat?

- High total diet intake has a positive influence on milk protein.
- Low or dropping milk protein highlights that cows are not getting enough to eat.
- Underfed cows have low milk proteins, low body condition and low fertility.
- Cows need to be on a rising plane of nutrition during early lactation.
- Not feeding enough concentrates will depress milk protein percentage.
- Provide herds with leafy forage and plenty of it, at all times.

- If forage quality is low supplement with additional concentrate.
- A drop of 5 % Dry Matter Digestibility requires an additional 1.5 kgs of concentrate.
- Monitor cow body weight and gut fill, well rounded cows are well fed.
- Leaving the cow short of feed is increasing costs and reducing profitability.

Optimise performance, productivity and profitability