



Cost effective production is vital. Using molasses can help achieve this by maximising forage intake, fibre digestion helping optimise rumen function. All of which contribute to efficient milk production.

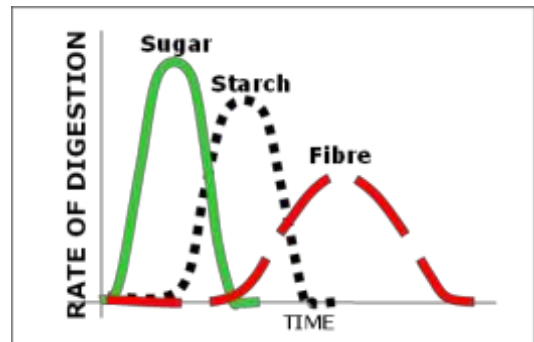
**Molasses
The
Essential
Ingredient**

Rumen Function: Getting the balance right your herd:

- Home grown forages represent the lowest cost feed available to livestock farmers
- Unless the overall diet is balanced fibre (forage) digestion will be reduced
- Livestock farmers won't be getting the most from their forage production.

Sugar: Starch balance:

- Feeding more than 3-4kgs of cereals can lead to acidosis and have a significant negative impact on rumen function and milk yield
- Replacing a proportion of the cereal starch with sugar in the form of a molasses liquid feed can help reduce the risk of acidosis.



- Starch.....Lactic acid
 - Sugar.....Propionic/Butyric
 - Fibre.....Acetic
- (Lactic acid is 10X as acidic as Propionic, Butyric and Acetic acid)

Rumen pH:

- It is important to try and keep rumen above pH 6 for as much of the day as possible.
- The use of sugar to replace some starch can help this and remove the need to worry about acidosis.

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