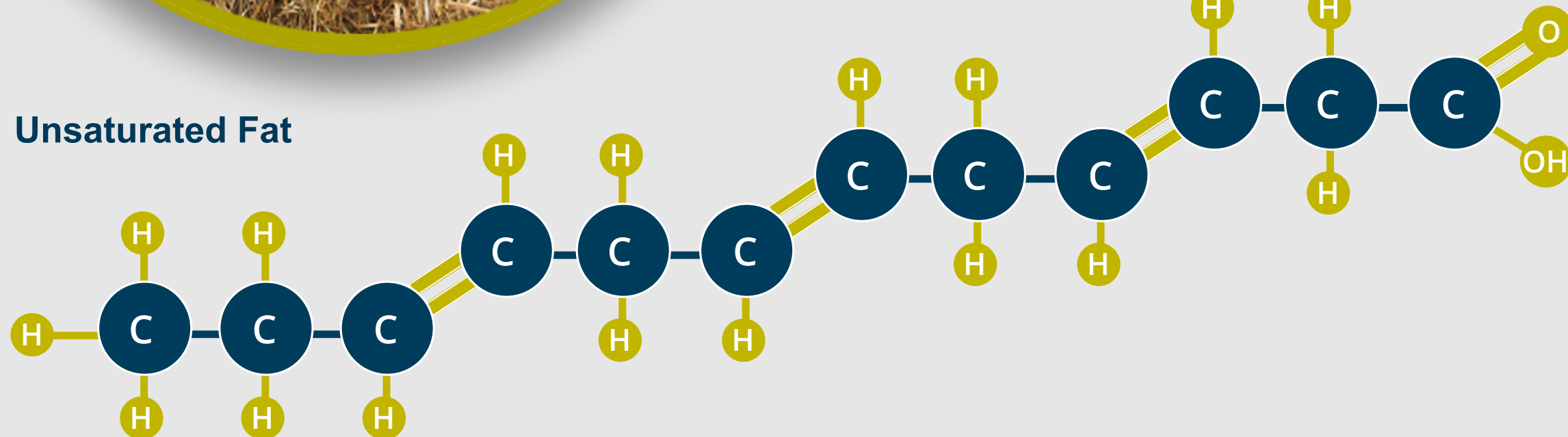




Right Fat, Right Time

Unsaturated Fat

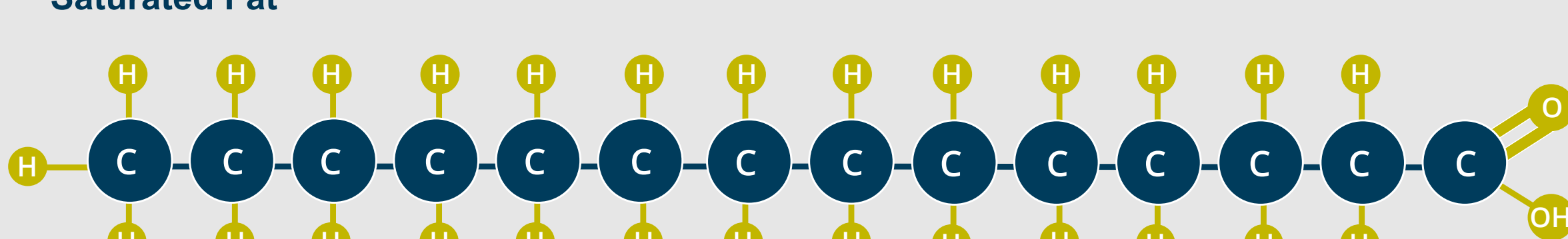


What is fat?

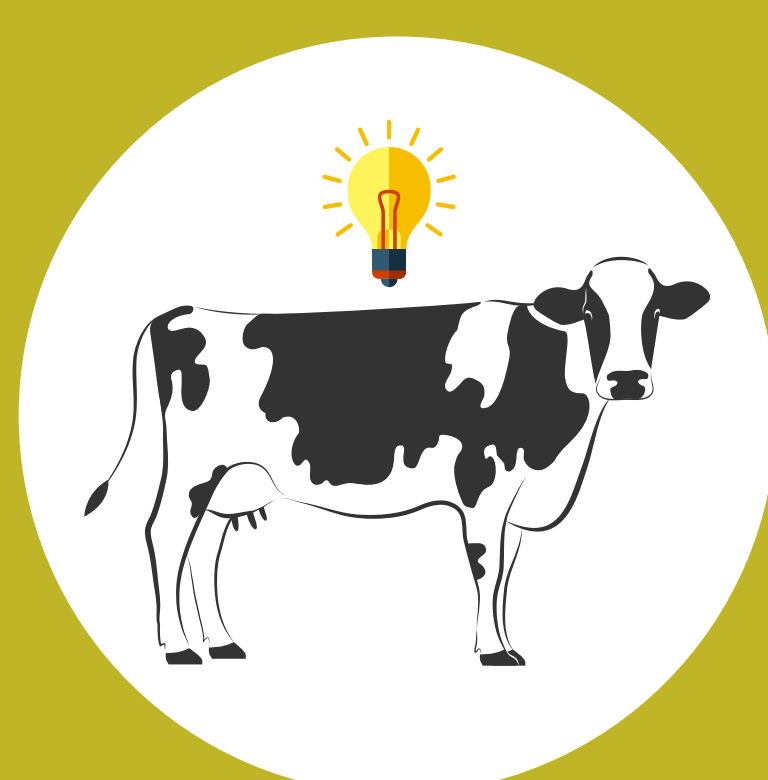
Fat is a type of nutrient, just like carbohydrate and protein are types of nutrient. It's an essential part of daily nutrition and neither human nor cowkind can live without it.

Fats are made of fatty acids, which may be saturated or unsaturated. The double bond makes a fatty acid unsaturated.

Saturated Fat



Why feed fat?



Unrivalled energy supply to improve milk yields

It's a particularly valuable nutrient when a cow's demand for energy is high or you need to minimise loss of body condition

Improved fertility

Fertility falls by around 10% for every 0.5 unit loss in body condition score



Reduction of heat stress

Fat generates considerably less heat than all other energy sources, providing you with a nutritional method to reduce heat stress

How much fat do dairy cows need?

Dairy cows may require over **6%** fat in the dry matter to maintain productivity and body condition

Unprotected fats create an 'oil slick' in the rumen so feeding above **3.5%** of fat in the dry matter can result in poor digestion

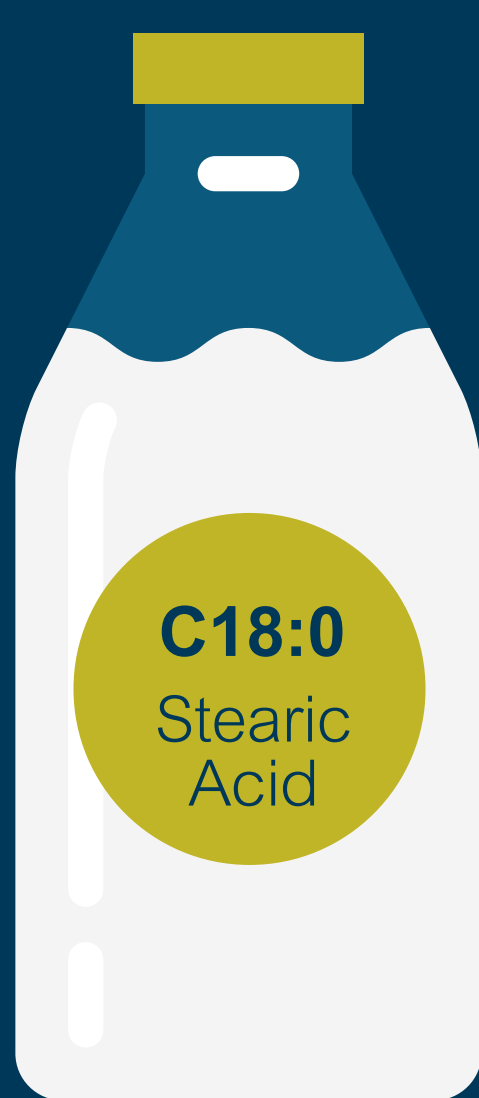
Rumen-protected fat supplements allow you to increase fat intake without the harmful effects

Calculating a cow's fat requirement can be a complex science. As a guideline, 15-20% of the metabolisable energy in a dairy cow's diet should come from fat.

Which fatty acids to feed?



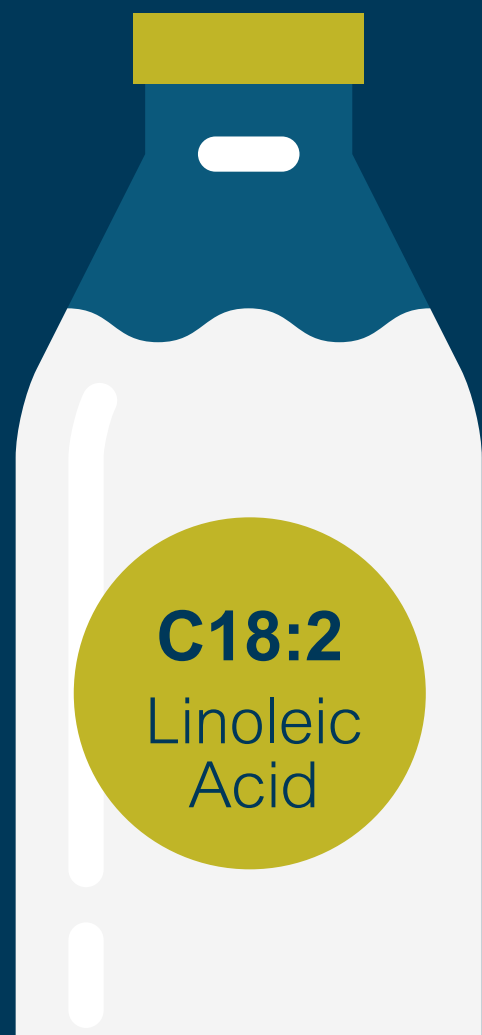
Increases partitioning of nutrients to milk to improve fat production



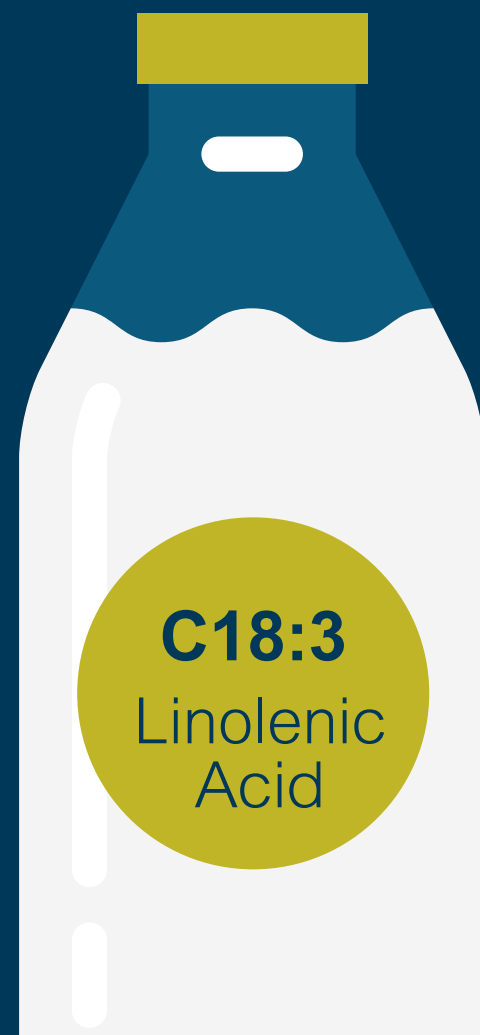
Digestibility decreases with increasing intake of C18:0



Improves digestibility and body condition by increasing nutrient partition



Plentiful in diet, No specific supplementation required



Improves embryo survival to increase fertility.

Want to know more?

Download the e-book at www.megalac.com