



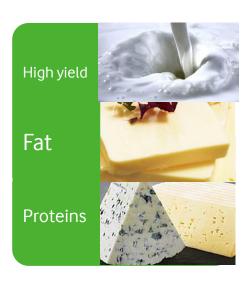
- A natural composition of
 - fat.
 - protein,
 - minerals
 - and other important constituents
- •A good, fresh taste.

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Milk "breeding"

Today the "milk breeding" is primarily driven by factors related the robustness of the cow and yield, i.e. milk yield and content of fat and protein. Apart from measuring antibiotics, microbiological quality etc. aspects of technological quality are not taken into account.





Milk genomics

Breeding for value added milk

Milk optimized for the technological use

e.g.

Optimizing Milk for cheese production and valuable Ingredients

- Without compromising the milk for other uses



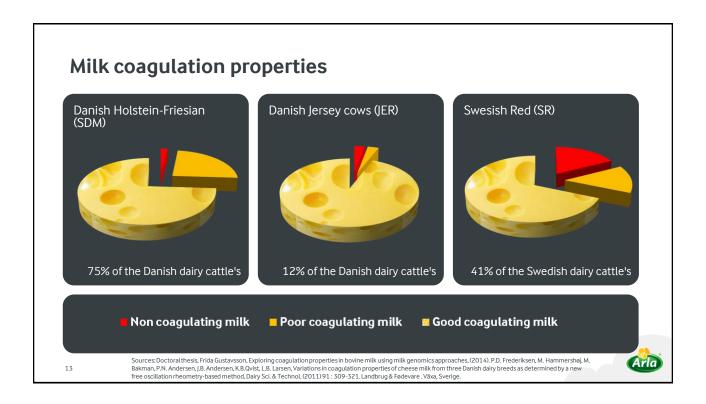
Cheese production



- In Denmark there are produced >300,000 tonnes of cheese per year
- If we through breeding can improve the milk for cheese production properties it will

minimizing variation during cheese processing (BC: > 4 million Euro / year)





Breeding high value milk - Big Milk Control protein composition and increase the content of high value proteins in bovine milk through breeding High value proteins for ingredients BC: > 13 million Euro / year Osteopontin β-casein NPC-2 Transcobalamin





We strive to ensure that animals' overall physiological and behavioral needs are met, so that their health and welfare is promoted. The animals must:

- Be healthy.
- Be kept and looked after in a sound environment.

17 17 January 2017





We strive for production on the farm to be environment-friendly, with respect for nature. The farm must:

- Protect the surrounding environment and cultural landscape.
- Optimise the use of nutrients and work to reduce the use of chemicals.

CO2 reduced cow

18 17 January 2017







