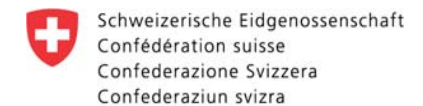




## Suckler cow scheme fattening the weaned calves solely on grassland without the use of maize

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Financial support



Швейцарська Конфедерація



## MeilibeeF – breed of suckler cows

- › Mother F1 dairy breed x Aberdeen Angus (AA) Advantages:
- › Milk
- › Polled
- › Premature
- › 1. Hybrid vigour
- › IMF
- › Alpine pasture
- › Limousin for calves
- › Daily weight gain
- › 2. hybrid vigour



## Meilibeef – husbandry and feeding

- › Boxes, outside feeding in winter
- › 24h pasture in summer
- › Castration before day 14
- › Alpine pasture for 100 days
- › Pasture grass in summer
- › Winterfeed: 80% grass-silage, 20% hay
- › No concentrates, no maize silage
- › Feed no food!



## Meilibeeff – Ø 20 slaughterings

- › Daily gain 1091 gr.
- › Age at slaughtering 436 days or 14.5 months.
- › Taxation EUROP-Tax:
  - › 25% R+
  - › 55% U
  - › 20% E
- › Live weight 482kg
- › Carcass weight 263kg
- › Carcass yield 54.6%



## Slaughtering-Processing-Selling

- › Transport, short
- › Slaughtering
- › Cool the carcass slowly
- › No cold shortening
- › Maturing of the carcass, 4 weeks, dry aging
- › Processing
- › Packaging
- › Selling
- › Price Ø € 25.-/kg, 162kg meat = € 4050.

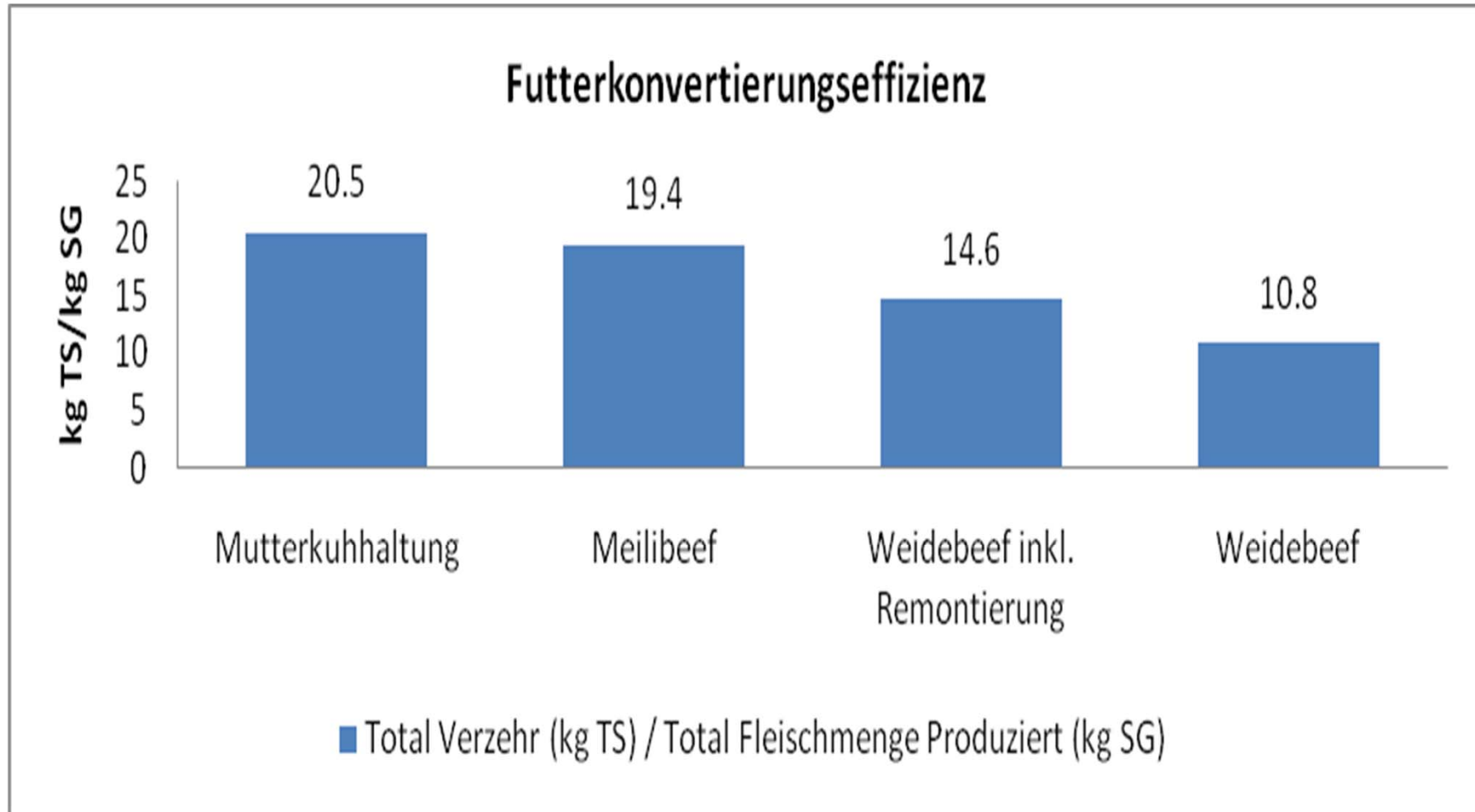


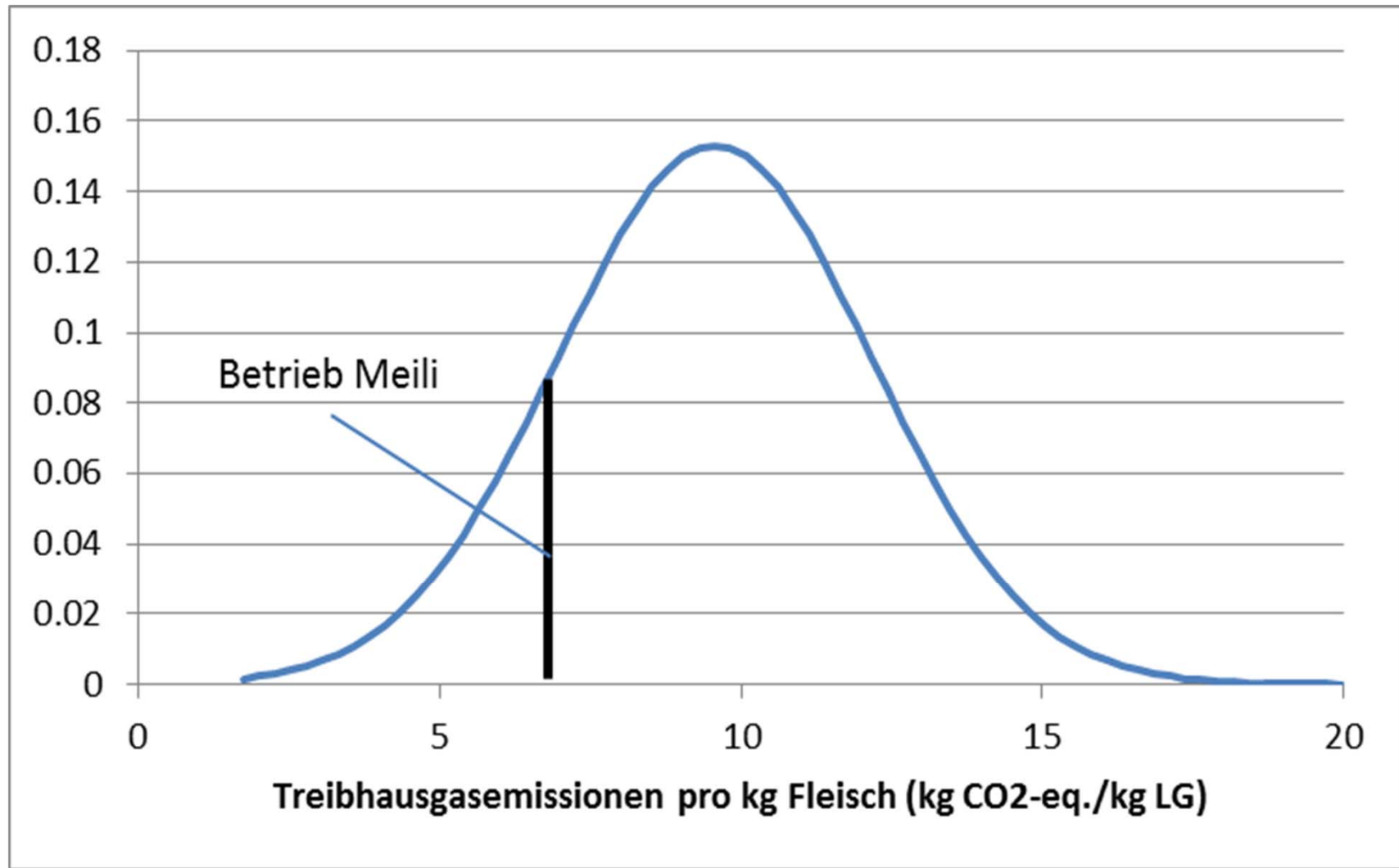
## Meilibeef – Quality of meat, 6 animals

- › pH: Meilibeef 5.49, aim for under 5.9
- › Color: Meilibeef red 36.3, norm 35-40, (0=black, 100=white)
- › Drip after 48h: Meilibeef 1.15%, aim  $\leq 4.5\%$
- › Cooking loss: Meilibeef 13%, aim  $\leq 25\%$
- › IMF: Meilibeef 3.01%, Ø CH 1.5-2%
- › Tenderness: Meilibeef 25.5N, below 31N (very tender)
- › Ω3: Meilibeef 3.34, Ø CH 1.5%



## Meilibeef-Feed-Conversion-Efficiency









## Feed no food!

- › 33% of the world's arable land is for animals
- › 26% of the world's ice free land are pastures
- › 70% of all agricultural land is used for animals
- › Animals provide 40% of the income of agriculture
- › Animals provide 1/3 of the protein used by humans
- › Conclusion: feed no food, don't use arable land for animals



## Low input Meilibeeff farm

- › Rented farm
- › 5.7 ha, 0.2 ha Christmas trees
- › 160 high stem apple trees
- › 10 suckler cows with calves and beef for fattening
- › Breeds: (Dairy x AA) x Li
- › Low input, low labour farm, storage feed for 3 days in winter
- › 100 days alpine pasture, cow 'vacation'