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Title: Comparison of microalgae and rapeseed meal as supplementary protein in the grass silage based nutrition of dairy cows

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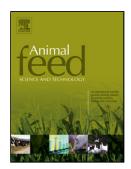
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Comparison of microalgae and rapeseed meal as supplementary protein in the grass silage based nutrition of dairy cows

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#### Highlights

- Lamminen et al. Comparison of microalgae and rapeseed meal as supplementary protein in the grass silage-based nutrition of dairy cows.
- Highligths:
- Milk production responses to microalgae were evaluated in relation to unsupplemented and rapeseed meal supplemented diets.
- Microalgae did not affect DMI or milk yield but its poorer palatability decreased the proportion of concentrate in the diet compared to rapeseed meal.
- Substitution of rapeseed meal by microalgae tended to decrease milk protein yield.
- Compared to rapeseed meal, microalgae resulted in poorer N utilisation.
- Microalgae is suitable protein feed for dairy cows, though the protein value is likely lower than that of rapeseed meal.

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