



CeFi[®]pro improves weight gain in rearing calves

CeFi[®]pro is a brewers' yeast autolysate rich in free amino acids, nucleotides, bioactive and vital substances. Glutamic acid is one of these useful components. It is known as energy source for cells with high division rate like gut mucosa and white blood cells. Together with cysteine and glycine it forms the tripeptide glutathion which has antioxidative and anti-inflammatory effects. Other natural ingredients from beer production contribute to beneficial effects on gut microbiota. CeFi[®]pro also contains nucleotides as well as yeast cell walls rich in mannans and β -glucans, with immune boosting and palatability enhancing effects in diets for young animals. Aim of the field trial was to investigate the effects of CeFi[®]pro on gut health and growth of calves in first three weeks of life. It should be observed whether the calves show better immune and general health status.

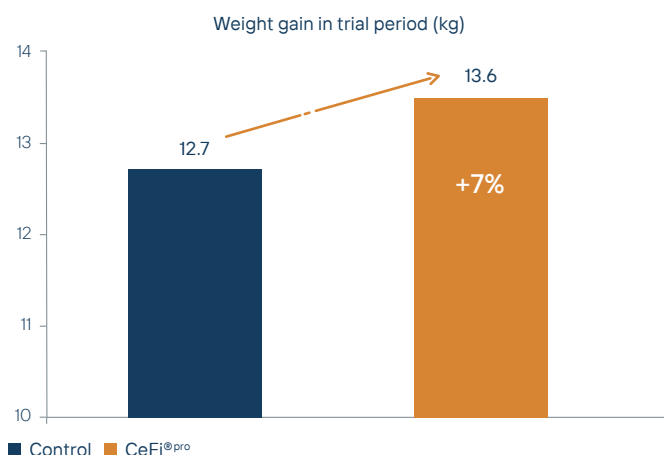
Trial Design:

The trial was conducted at a commercial dairy farm with 800 Holstein Friesian dairy cows in winter 2021/2022. Daily milk production at this farm is ~20.000kg. 3900ha arable land and a 500kW biogas plant also belong to this farm.

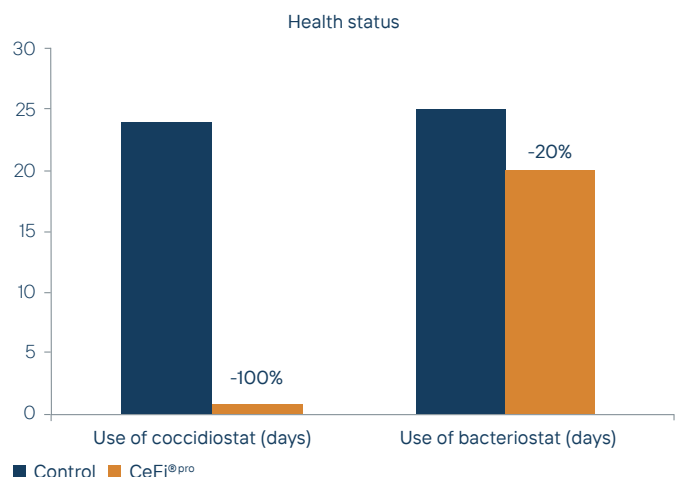
Average birth weight of calves was 35kg. Calves were kept in pens with five animals. After colostrum phase all calves were fed fresh milk (2 x 3,5L/calf/day) and had ad libitum access to hay and water.

In control group there were 11 animals fed with standard diet (without CeFi[®]pro). 10 calves were fed with 5g CeFi[®]pro twice per day in addition to normal standard diet. Weight and rectal temperature were measured at birth, at day 7, 14 and 21. Health status, occurrence and severity of diarrhea as well as veterinary treatments were documented daily.

Results



Weight of calves	Control	CeFi [®] pro
Start weight (kg)	35.05	35.15
Weight after 21 days (kg)	47.77	48.70



CeFi[®]pro : Armed against stress!

- Yeast cell wall components promote intestinal integrity and immunity
- Bioactive substances have an anti-inflammatory and anti-oxidant effect
- Vital substances support liver function
- Improved growth in calves



We have been upcycling at world-market level since 1954 and keeping the environment and climate in mind.