

pwrPlanz[®] EMC

kicks into action.

**The plant-based metabolism booster
with natural antimicrobial properties.**

To improve the productivity in high performance livestock, ionophore antibiotics are widely used to improve feed conversion and inhibit digestive disorders. However, due to emerging resistance, their use in animal feed has been banned in more and more countries. Consequently, there is growing interest in natural alternatives such as bioactive compounds, that are characterized by a high food safety as well as consumer acceptance.

pwrPlanz[®] EMC is a highly concentrated product, which consists of a mixture of aromatic compounds with medium- and macro-chain fatty acids and functional fibre. The unique combination of these plant extracts, including the uneven medium chain fatty acids, naturally optimizes livestock production, especially due to improved animal performance and animal health status.

pwrPlanz[®] EMC in ruminants has the effect on rumen microbiome where it leads into a shift between rumen bacteria causing better rumen fermentation and propionic acid production in rumen.

Advantages of pwrPlanz[®] EMC for ruminant animals:

- Rumen microbiome shift
- Boosts rumen fermentation
- Antibacterial effect
- Anti-cryptosporidium effect

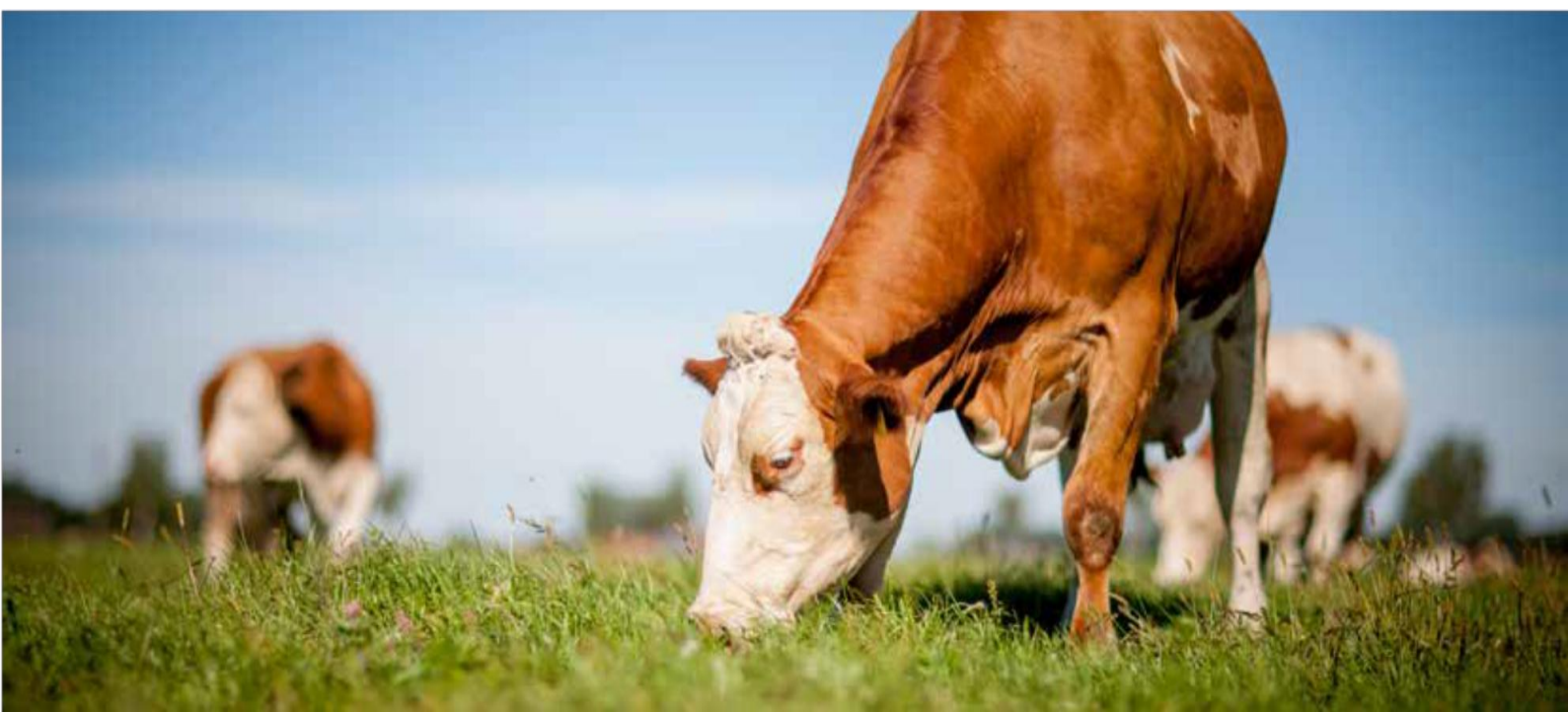
Strike for performance: pwrPlanz[®] EMC kicks into action



Increased animal
productivity (milk yield)

Antibacterial

Ketosis treatment



pwrPlanz® EMC impact in dairy cows

Increased milk yield

- Holstein Friesian dairy cows (120 cows).
- Dosage 15gr/cow/day of pwrPlanz® EMC in the diet during 30 days of lactation.

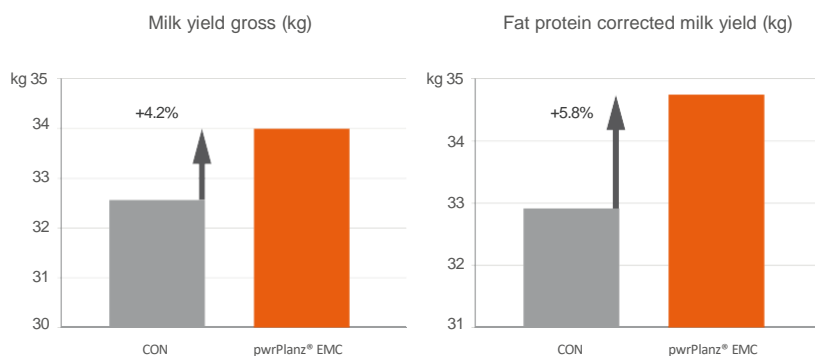


Figure 1. Total milk yield and fat protein corrected milk yield (both in kg/cow and day)**

Impact on milk composition

The concentration of total proteins and fat in milk in the group with pwrPlanz® EMC compared to the negative control.

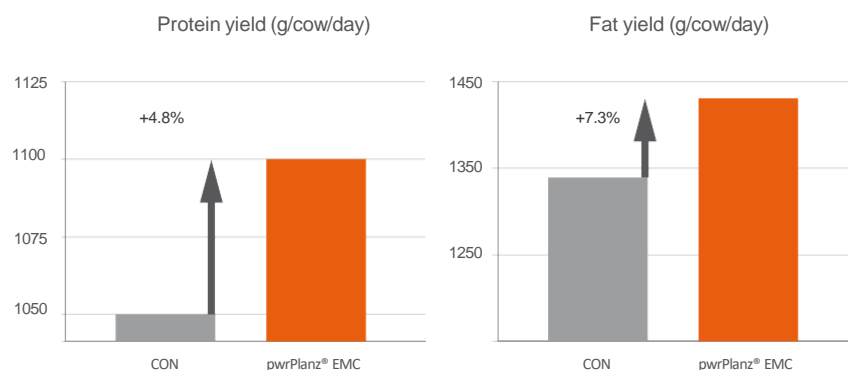


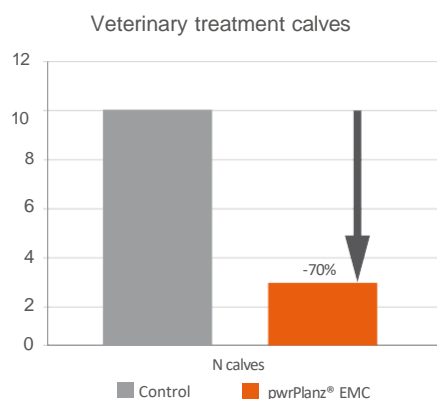
Figure 2. Total milk protein output

Figure 3. Total milk fat output

Anti-cryptosporidium effect in calves

- Commercial calve farm with high cryptosporidium pressure.
- Dosage 10 g/calve/day of pwrPlanz® EMC in milk replacer for 10 days.

Figure 4. Reduced veterinary treatment



El_pwrPlanz® EMC_Cow_GB_0325_frho

Technical data

Composition:

Mixture of aromatic compounds medium- and macro-chain fatty acids, functional fibre

Classification:

Supplementary feed

Storage:

pwrPlanz® EMC is to be stored in a dry, frost-free and dark place. Shelf-life of sealed original packages min. 18 months from the date of production

Packaging:

pwrPlanz® EMC Bags (20 kg)

Recommended dosage:

Dairy & Beef 15-25 g/cow/day
Calves 10-15 g/calve/day

Natural product, color change may appear

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