POWER ON

Naturally Enhance Animal Nutrition & Performance

BioPower® SC is a naturally occurring rumen-specific viable yeast product (*Saccharomyces cerevisiae* CNCM I-1077) approved by the CFIA to increase milk production in lactating dairy cows when fed as directed.

BioPower SC was selected from thousands of yeast strains for its natural ability to **POWER** the ration and help optimize rumen function[1] through the diet. It packs a high capacity to improve fiber digestibility in the rumen, a major driver of feed efficiency, which contributes to more energy and greater milk yield[2] from every mouthful of feed.

POWER ON your cows' ration for increased milk production.

BIOPOWER® SC

LALLEMAND ANIMAL NUTRITION ■ ***SPECIFIC FOR YOUR SUCCESS***
www.lallemandanimalnutrition.com

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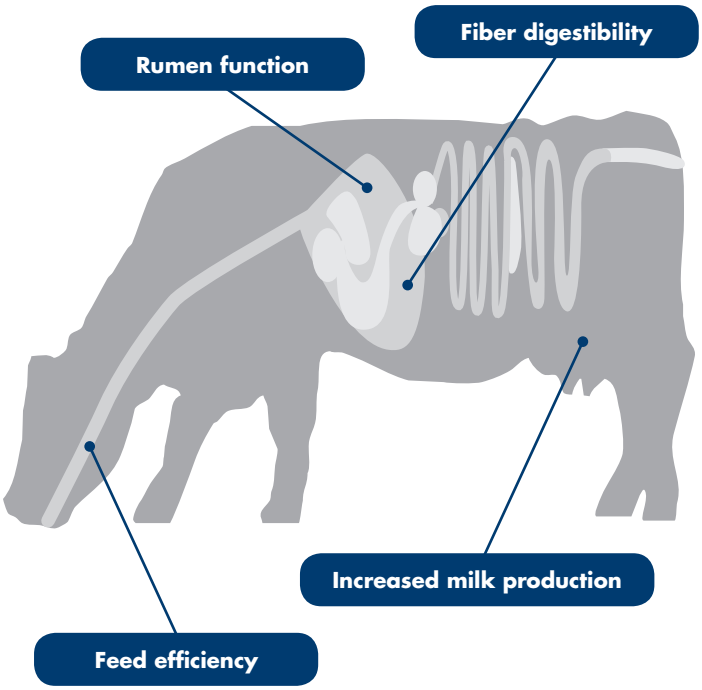
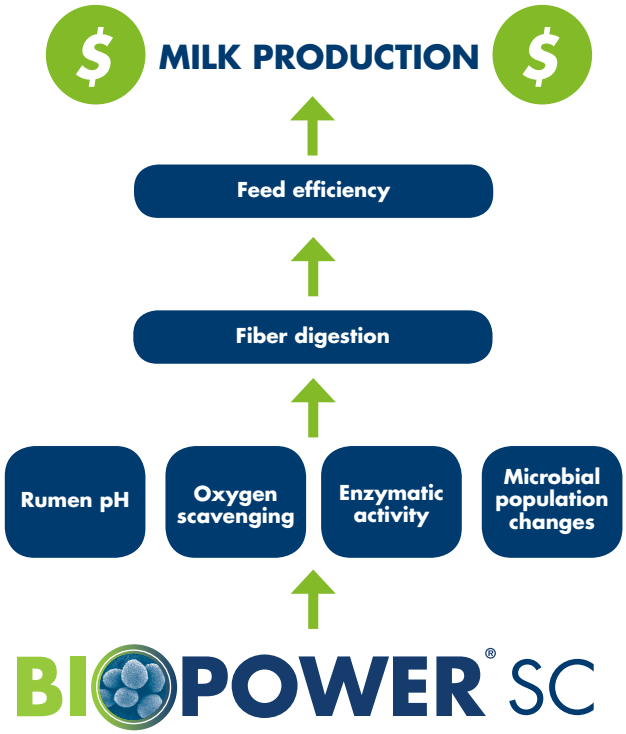
BIOPOWER® SC

POWER ON YOUR COWS' RATION

BioPower SC (*Saccharomyces cerevisiae* CNCM I-1077) naturally enhances animal nutrition and performance.

- Naturally occurring, rumen specific viable yeast that has been selected to help optimize rumen function
- Screened from thousands of strains for its high capacity to increase pH and increase fiber digestibility in the rumen resulting in optimized rumen function for lactating dairy cattle
- Research- and farm-proven microbial technology that is fully viable metabolically active and functional across the wide range of rumen environments found in commercial practice
- Approved by the CFIA to increase milk production in lactating dairy cows when fed as directed





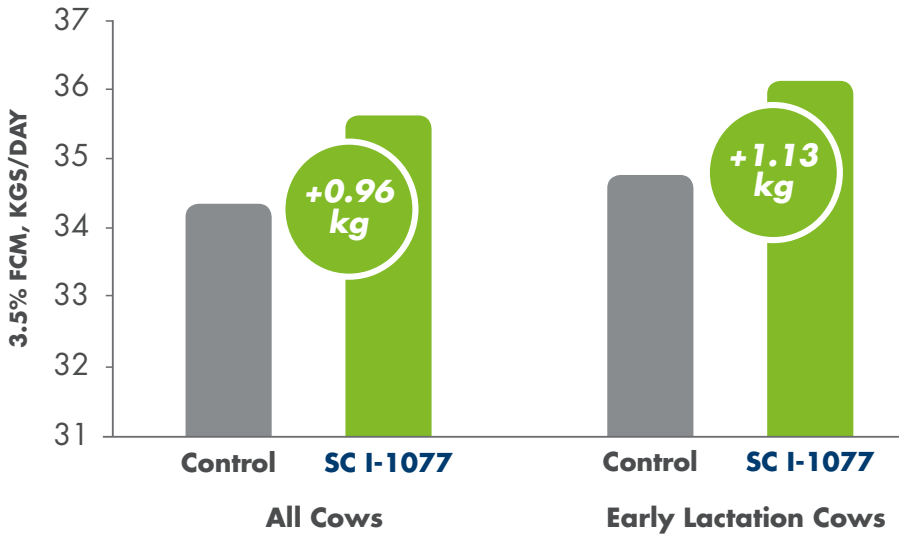
The rumen is the cornerstone of fiber digestion

The rumen is where forage and feed is converted into nutrients and energy thanks to the activity of the rumen microflora. The success of this complex process relies on various factors and ultimately determines the feed efficiency of the ruminant animal and, in turn, the profitability of the operation.

The inclusion of viable microbial products within ruminant diets is a common practice. But not all viable microbial products are the same.

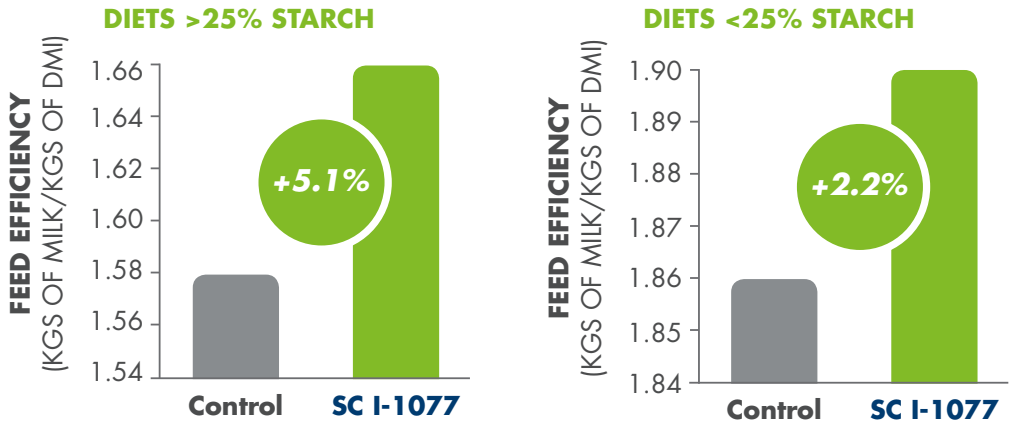
Improving feed efficiency and increasing fiber digestibility helps cows get more

DAIRY CATTLE SUPPLEMENTED WITH *S. CEREVISIAE* CNCM I-1077



In multiple trials, cows supplemented with *S. cerevisiae* CNCM I-1077 show an increase of 0.96 kgs of 3.5% fat-corrected milk (FCM) when compared to control cows.[2]

S. CEREVISIAE CNCM I-1077 ACROSS A RANGE OF DIETS[2]



Across a range of diets, supplementation with *S. cerevisiae* CNCM I-1077 helped improve feed efficiency by up to 5.1% .[2]

energy and greater milk yield[2] from every mouthful of feed.

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BIOPOWER®

BIOPOWER® SC *Edge*

S. cerevisiae CNCM I-1077 in a highly palatable, ready-to-use formulation

Available in a 20 kg box, resulting in 1,600, 12.5-gram or 10 billion CFU feedings per box

Use as a top-dress, in an on-farm mixing program, in a feed-mill premix or as a supplement

CFIA registration number 983776

BIOPOWER® SC20

S. cerevisiae CNCM I-1077 in a formulation ideal for low-inclusion applications

Available in a 20 kg box, resulting in 40,000, 0.5-gram or 10 billion CFU feedings per box

Use in feed additive machines, vitamin-mineral premixes and other applications where a high concentration product is required

CFIA registration number 982800

BIOPOWER® SC10ME **Titan**

S. cerevisiae CNCM I-1077 in a formulation ideal for low-inclusion applications

Available in a 10ME® Titan formulation, which is the patented micro-encapsulation technology that allows for the product to be pelletized and remain viable

Available in a 20 kg box, resulting in 20,000, 1.0-gram or 10 billion CFU feedings per box

Use in pelleted feeds or harsh environmental conditions where a high concentration product and micro-encapsulation is required

Do not exceed a conditioner temperature of 77°C and a pelletlng die temperature of 85°C.

CFIA registration number 982803

For more information on BioPower SC, visit **www.LallemandAnimalNutrition.com.**

References
[1] Chaucheyras-Durand, et al., Proc. of 2012 Cornell Nutrition Conference for Feed Manufacturers. 74:118-29.
[2] de Ondarza, et al., The Professional Animal Scientist 26 (2010): 661-666.

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