



Sustainability:

Elevate cow welfare supporting productivity, longevity and environmental stewardship.

A history of good stewardship

Over the centuries, the agriculture industry has made vast improvements in efficiency, technology, animal welfare and in many other aspects of industry growth. This has been especially true over the past five decades where mechanical innovations, feed improvements and management practices have shown significant improvements. These improvements can be measured in terms of reduced water usage and protection of environmental water systems, improved crop hybrids that reduce necessity for fertilizer, and on-farm management practices where humane animal treatment now takes priority. There are many examples where the agriculture industry risen to the challenge of feeding a growing world population sustainably.

Sustainability on a global scale

Today, the call for doing even more is growing. Around the world, calls for improved farm-to-fork strategies, limits on green house gas emissions, and carbon neutrality ring loud. Once again, the agriculture industry is stepping up and PREP305™ and the YMCP® family of products are rapidly becoming a cornerstone for the dairy industry. One example is the direct impact YMCP has on cow longevity. As a contributor to better cow welfare and production, YMCP helps cows remain in the herd longer thereby lowering replacement rates and helping reduce a farm's methane footprint*. The YMCP product line fulfills many sustainable concepts that will improve performance while reducing overall environmental footprint.

Sustainable outcomes with PREP305™



Microbiome

- Healthier rumen environment increases the propionate to methane ratio produced
- More rapid and efficient use of new, higher-starch ration



Immunity

- Less immune activation resulting in decreased "wasted" nutrients and energy
- Decreased transition cow disorders and early lactation removals resulting in more cows remaining in the herd



Lactation

- More cows reaching better peak and full lactations resulting in more production per cow unit



Reproduction

- Earlier and improved cows carrying calf resulting in more production per cow unit
- Increased longevity resulting in more lactations
- Greater percent of life in productive status resulting in more cows in higher production

Animal welfare - elevated

PREP305 is an ideal program for dairy producers looking to implement sustainable solutions on their operation. The result for their effort is:

- Reduced number of sick cows
- Reduced early removals (sold/died)
- Compliance with regulations
- Fewer treatments and antibiotics required
- Cows with greater longevity and performance
- Consumer-friendly practices

*Grandl, F., et al., *Animal*. 2019 Jan;13(1):198-208.



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Family of products

