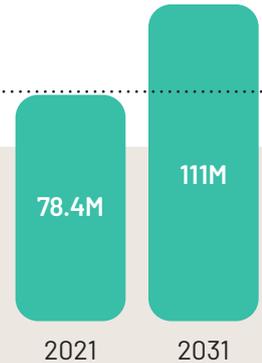


THE HEALTH OF HORSES through digestive health and the use of **tth-BIOTICS.**

Maintaining your horse's digestive health is integral to maintaining their overall health.

The Global equine supplement product market was valued at US\$ 78,4 Mn in 2021 and is projected to grow at a 3,7% from 2022 to 2031, reaching US\$ 111 Mn by end of 2031.



Transparency market research

Digestive health in horses. A growing concern!

The equine digestive system is unique in that it is designed to process large amounts of fibrous plant material. Horses are considered hindgut fermenters, meaning that their large intestine is responsible for breaking down and fermenting fibrous material to extract nutrients. Horses are prone to a variety of digestive issues, such as colic, gastric ulcers, and hindgut acidosis. These issues can be caused by a variety of factors, including diet, stress, and management practices.

Leaky gut is a **digestive issue** in horses that occurs as a component of a broader gut health issue such as dysbiosis, inflammatory bowel disease, or gastric ulcers. In horses affected by leaky gut, the contents of the gastrointestinal

tract are not appropriately contained due to **impaired intestinal barrier function**. Toxins, allergens, and pathogens can **penetrate the gut wall**. If they are not stopped by the local immune system, they will circulate through the blood to the rest of the body. This can lead to an **aggressive immune response** and may cause systemic inflammation

Supporting gut health begins with feeding a **well-balanced forage-first diet** that meets the horse's energy and protein needs. Digestive supplements with targeted effects on the equine hindgut microbiome can largely be classified into two categories: probiotics and prebiotics. The goals of administering probiotics and prebiotics range from increasing digestibility of feedstuffs to stabilizing the gut microbial community, as well as prevention and treatment of gastrointestinal disorders.

**Daily use of biotics.
An interesting
supplement for
horses!**

The use of **postbiotics** to improve the **gut health** of horses

The most referenced definition of postbiotics has been established by the Internal Scientific Association for probiotics and Prebiotics (ISAPP)

■ Use of inanimated microorganism & their components:

- Solve stability issues of the final product.
- Reduce safety concerns for risky consumer's markets.



POSTBIOTICS ARE PREPARATION OF INANIMATE MICROORGANISMS AND/OR THEIR COMPONENTS THAT CONFERS A HEALTH BENEFIT ON THE HOST

■ THE USE OF POSTBIOTICS IN PET FOOD IS BOOMING.

Some specific inactivated microorganisms are regulated in Europe as feed materials in accordance with the provisions laid down in the Commission Regulation (EU) No 68/2013.

tht recommends the postbiotic formula **Postlactys® Horse Essentials**

POSTLACTYS® **HORSE ESSENTIALS**

10 BN CFU/g - 120 BN per serving/12g

- *Inanimate Lactobacillus acidophilus*
- *Inanimate Lactiplantibacillus plantarum*
- *Inanimate Lacticaseibacillus rhamnosus*
- *Inanimate Limosilactobacillus reuteri*

Horses:
A full member
of our family

