

# Did you know?

**It's more than just "slobber"!**

---

---

*MAAAX™ LONGfibe™ cubes increase saliva flow and help to maintain a stable pH within the gastrointestinal tract!*

---

---

*By chewing, saliva is secreted into the mouth cavity. The saliva is rich in electrolytes (Alexander, 1966). The amount of Na, Cl and Bicarbonate in saliva increases by the amount of produced saliva. The more saliva is secreted, the richer it is. The horse's saliva has an average pH of 6.8 (Eckersall, 1985), which helps to buffer gastric acid.*

---

---

*We recommend further reading:*

Alexander F. A study of parotid salivation in the horse. J Physiol. 1966;184(3):646-56.

Alexander F, Hickson JC. The salivary and pancreatic secretions of the horse. In: Phillipson AT, (Hrsg.). Physiology of digestion and metabolism in the ruminant. New Castle: Oriel Press Ltd.; 1970: 375-389.

Eckersall PD, Aitchison T, Colquhoun KM. Equine whole saliva: variability of some major constituents. Equine Vet J. 1985;17(5):391-3.

Ellis, A./Hill, J.: Nutritional physiology of the horse, Nottingham, 2005.

Frape, D.: Equine Nutrition and Feeding, 4. Edition. Oxford 2011

NRC National Nutrition Council: Nutrient requirements for horses, 5<sup>th</sup> Edition, 2007.

Geor, R.J., Harris, P.A., Coenen, M. : Equine Applied and Clinical Nutrition, Saunders, 2013