



## Real Results

### For the complete horse

Your horse's intestinal health can affect virtually every aspect of the body from weight management and digestion to overall performance. You can help support your horse's long term health by supplementing with ingredients like omega-3 fatty acids, antioxidants and soluble fibre designed to maintain total body health and optimal intestinal function.

#### Gastric Health Benefits

**Gastric Control Gold** contains Fermaid@Ease 187 (dried *Lactobacillus delbrueckii*) to help maintain gastric health by supporting healthy levels of gastric acid and intestinal proteins.

- Helps maintain healthy levels of gastric acid
- Helps support a healthy epithelium of the stomach
- Designed to manage the treatment and prevention of gastric ulcers (EGUS) from grade 0 to 4
- Helps reduce incidence of colic, and management of colic if developed.

#### Digestive Health Benefits

Gastric Control Gold also contains *Saccharomyces cerevisiae* CNCM I-1077, to support healthy digestion.

- Supports a balance of intestinal microflora for healthy digestive function

#### Serving Suggestions:

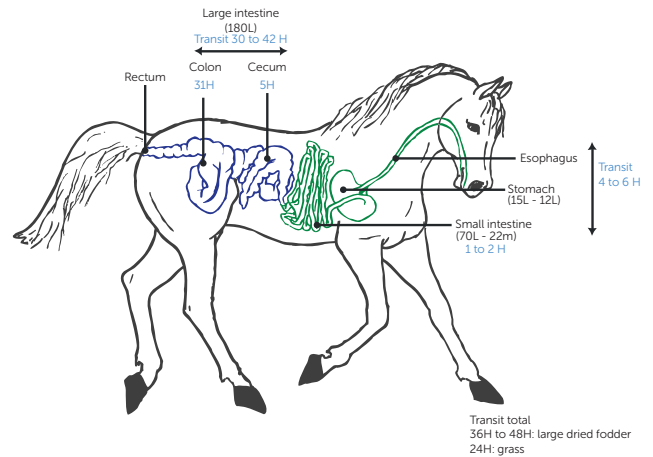
Mix the powder with a small amount of warm water and mix into a paste - apply to feed.

#### Ingredients:

Fermaid@Ease 187 with specific lactic and bacteria  
*Lactobacillus delbrueckii* lactis  
*Saccharomyces cerevisiae* (CNCM) I-1077  
(60 billion CFU per 30g serving)  
Omega 3 rTG, EPA+ DHA  
Organic mushroom powder - 5 species

#### Equine Digestive Tract

The population and balance of the different micro flora in the equine gut is changing constantly. This micro flora balance is affected by numerous stress factors, including the composition of the diet, meal size, time of feeding, environmental stress, transportation, drug treatment with wormers and some antibiotics.

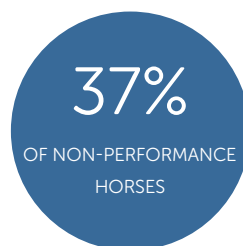
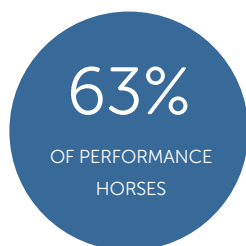


## Equine Gastric Ulcers (EGUS)

### The Scale of the Problem

Gastric ulceration is a serious yet common condition that can affect any horse, at any age.

Studies indicate that gastric ulcers occur in up to:

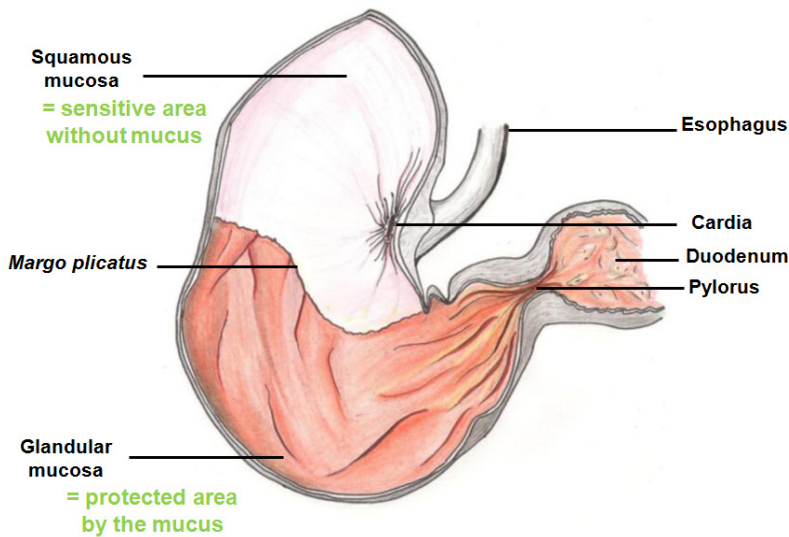


#### Gastric ulcers tend to be under-diagnosed because:

- Horses often show no outward clinical signs of gastric ulceration.
- A limited number of veterinary establishments own a three-metre video gastroscope.
- It is a common misconception that gastric ulceration only affects racehorses.

Foals are also at particular risk with around 50% of foals developing gastric ulcers, particularly during the first few months of life – and they may show no clinical signs of this life threatening condition.

We know that in foals, the condition can be fatal.



## Stomach Ulcers

As a multi-faceted disease, nowadays the equine gastric ulcer problem is increasingly becoming the focus of attention in veterinary medicine. The treatment of this disease is emerging as one of the greatest challenges in contemporary equine medicine. The symptoms of a stomach ulcer may be unspecific. As a result, they are frequently not recognised and also not treated. These symptoms are very similar to colic which is the single largest cause of death in the equine industry.

All ages and industry specific categories are affected – from the foal to the older horse. Research shows that every horse will suffer with varying degrees of ulcers at most times of its life, but in many cases are not recognised and not treated.

## Equine Gastric Ulcers

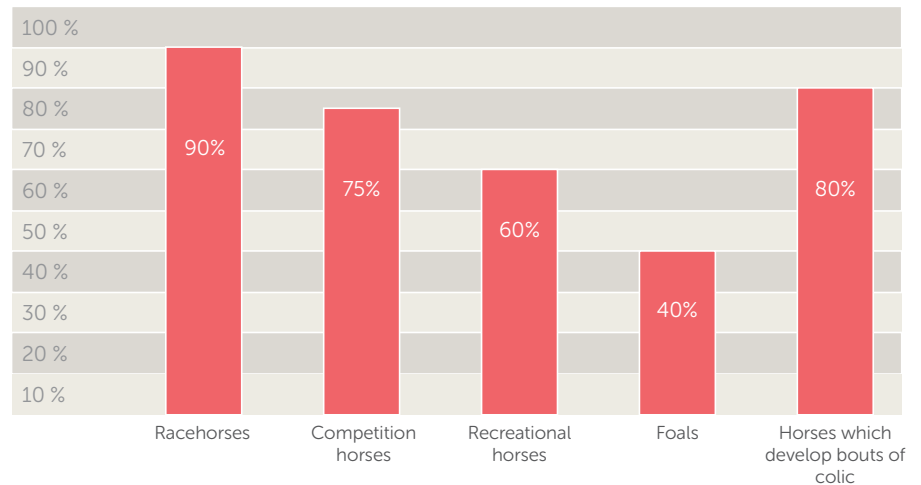
### Definition:

- Erosion of the stomach lining, caused by constant exposure to gastric acid
- Number, size and depth of the ulcers characterise the four different stages:

Grade 0 to 4, in both the Squamous mucosa and Glandular mucosa.

- Acute and chronic forms
- Complicated forms:
  - bleeding
  - perforated
  - stenosis in the pylorus

## Frequency of EGUS



Quelle: Murray (1999) et Murray al. (1990) Y. Tamzali, Le nouveau praticien véto équin, 2006

## Functional Foods to Support Gastro Intestinal Tract

### Antioxidants

Free radicals are formed daily which are damaging to the whole body. Antioxidants act as scavengers to prevent cell and tissue damage.

Down regulates oxidative stress, support a balanced immune system. They can help protect the stomach directly from these damaging oxygen free radicals and inflammation of the mucosa.

### Probiotics

Probiotics - Supports healthy levels of beneficial bacteria, which helps to maintain proper pH levels. Improves feed efficiency and absorption of nutrients, as well as helping maintain the immune system.

### Fermaid Ease®

Fermaid Ease 187 is the product of the fermentation of soya powder by specific lactic acid bacteria *L. delbrueckii lactis* Rosell-187.

It is successfully used in human and equine medicine to manage gastric ulcers, relieve the pain and inflammation.

### Omega 3

Omega 3 is required for synthesis of inter cellular connecting substances. The long-chain omega-3 fatty acids (EPA) and (DHA) are important in generating bioactive lipid mediators important in helping reduce inflammation.

