

OREXIS

Feed supplement in form of syrup for enhancing appetite and digestion for cats and dogs

OREXIS (O-RE-XIS)

The name is inspired by the Greek word «ὄρεξις», which means «longing, appetite»

Liddell HG, Scott R. *An Intermediate Greek-English Lexicon*. Oxford: Clarendon Press; 1889.

A herb-infused syrup, based on the traditional herbal therapies of the Mediterranean region, intended to aid in restoring normal feeding patterns in healthy cats and dogs. In some cases, appetite can be shortly perturbed in otherwise healthy animals due to a change in their living conditions, a trip, a stay at the veterinary clinic, etc. In these cases, boosting the salivary and digestive fluids secretion can enhance appetite, restore eating habits and promote digestive comfort.

Gentian extract

Gentian tincture has been reported to elevates gastric secretion by up to 30% following the administration in dogs¹. Work published in 1915 by Moorhead² revealed that a tincture of the herb gentian (*Gentiana lutea*) given by mouth or directly into the stomach of cachectic dogs caused a marked increase in appetite. Only when gentian was given by mouth (i.e., tasted) did it cause a marked increase in gastric secretion of acid and pepsin content, and this effect occurred only after normal feeding. These effects provide rational explanations for the traditional use of bitters for liver and digestive complaints, poor appetite, debility, and a wide range of other conditions. In horses it was always used as a powder, not a tincture, and was put into all formulas used for stimulating appetite³. Although this herb was found in many of the old formulas, it is not seen in many of the modern ones. It is an excellent tonic, especially for the digestive tract and for poor eaters.

Peppermint extract

Both ethnobotanical and pharmacological data are consistent with the traditional use of the plant *Mentha piperita* for stomach disorders¹. This herb has been used extensively against colics in horses⁴. Milks⁵ mentioned peppermint as a valuable veterinary carminative for the relief of colic and symptoms of flatulence. Peppermint oil and menthol have been shown to effectively stimulate choleretic activity (bile flow) and exert a relaxation effect on gastrointestinal (GI) tissue in animal studies⁶.

Fennel extract

Fennel based on long tradition has long been used for the relief of pain associated with intestinal spasm³ in animals. Fennel extract has been shown to increase gastric

acid secretion⁷ and regulate the intestinal smooth muscle motility⁸. It also improves barrier function of the gastrointestinal tract⁹.

Adding fennel seed powder to the diet of many farm animals (goats, calves, pigs, etc.) improved the feed intake and weight gain^{10,11}.

The main component of fennel essential oil is trans-anethole, which has shown appetite-enhancing effects¹².

Fenugreek extract

Fenugreek has been used traditionally as an appetite and flavor enhancer. In experiments performed to determine food consumption and motivation to eat as well as metabolic-endocrine changes in chronically treated rats¹³, fenugreek extract significantly increased food intake and the motivation to eat.

Another interesting property is that of gastroprotection. In another study on rats¹⁴, the soluble gel fraction was found to be more effective than omeprazole in preventing lesion formation from induced gastric ulcer. This is attributed to its antisecretory action and its effects on mucosal glycoproteins.

Seeds have been given to ruminants and poultry with diarrhea¹⁵ with positive effects.

Ginger extract

Ginger has been used for colon health in pigs and pets in British Columbia, Canada¹. It has been traditionally used together with other remedies as a tonic and appetite stimulant in horses, and has been given with purgatives to suppress the spasms and “gripping” that came with colics¹⁶.

Its antiemetic (against vomiting) activity has been demonstrated in an *in vivo* study on dogs¹⁷, where ginger administration significantly reduced the number of vomiting episodes at doses as low as 25mg/kg *per os*.

TESTIMONIALS¹⁸

Orexis has been evaluated in vivo on a 6 kg, 13-year-old female dog with anorexia and no other clinical or lab findings. Appetite was enhanced following 3-days treatment with Orexis. It took one week to fully restore appetite, then treatment was discontinued as appetite remained normal (veterinarian in the island of Crete, Greece)

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