

GROHOOF

The Ultimate Supplement for Hooves



The Hoof - The Foundation of the Horse

GROHOOF provides all the nutrients necessary to protect and nourish every layer within the hoof horn. This new 'sulphur enriched' formula will ensure that important nutrients are supplied to the horses diet, to ensure optimum hoof growth and improved integrity of the hoof.

The hoof is a highly specialised horny shell composed of three layers; the stratum externum, medium and internum. The hoof covers sensitive bones, nerves, connective tissue and vascular tissue. The primary function of the hoof is to protect the underlying structures, and to increase the surface area for the dissipation of locomotor forces. In essence, the hoof is the foundation of the horse.

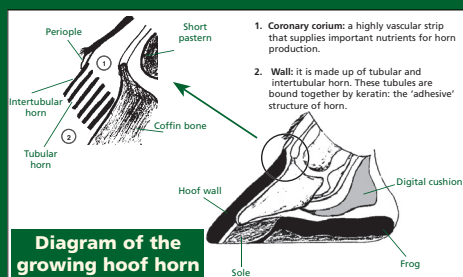


Diagram of the growing hoof horn

Composition

	Per lb	Per 20 g
Crude Protein, min	10.3%	10.3%
Arginine, min	0.70%	140 mg
Histidine, min	0.16%	32 mg
Isoleucine, min	0.20%	40 mg
Leucine, min	0.34%	68 mg
Lysine, min	0.33%	66 mg
Cysteine, min	0.12%	24 mg
Methionine, min	12.5%	2500 mg
Tyrosine, min	0.16%	32 mg
Phenylalanine, min	0.17%	34 mg
Threonine, min	0.21%	42 mg
Tryptophan, min	0.06%	12 mg
Aspartic Acid, min	0.47%	94 mg
Alanine, min	0.25%	50 mg
Valine, min	0.23%	46 mg
Glutamic Acid, min	1.28%	256 mg
Proline, min	0.23%	46 mg
Glycine	0.29%	58 mg
Serine	0.34%	68 mg
Crude Fat, min	0.64%	0.64%
Crude Fiber, max	1.53%	1.53%
Calcium, min	16.15%	3230 mg
Calcium, max	19.3%	3860 mg
Zinc, min	3.0%	600 mg
Biotin, min	850 mg	37.5 mg
Methylsulfonylmethane (MSM)*	56 750 mg	2500 mg

* Not recognised as an essential nutrient by AAFCO

Ingredients

Calcium Carbonate, Methionine, Carob Bean Extract, Methylsulfonylmethane (MSM), Lactose, Biotin, Zinc Oxide.

Feeding Instructions

GROHOOF should be added to the normal feed ration.

Adult Horses

Feed 20g per day.

Ponies and Foals

Feed 20 g every second day.

For Best Results it is recommended to feed **GROHOOF** for 180 days. New improved hoof growth will be evident near the coronary band after just one month.

Complementary Feedingstuff for Horses.



Presentation: Powder 600g

GROHOOF is the ultimate feed supplement for hooves. This new formula will nourish every tissue in the hoof horn to optimise conditions for maximum hoof growth.

- **GROHOOF** contains a concentrated source of the *sulphur rich* amino acid **Methionine** (2,500 mg), and the *sulphur rich* nutrient Methylsulfonylmethane (**MSM**) (2,500 mg) per 20g. Keratin Sulphate, the structural component in the hoof horn has a high sulphur content. Therefore, it is very important to include high levels of these *sulphur rich* nutrients for optimum keratinisation, and structural integrity of the hoof wall.
- The vitamin **Biotin**, is also essential for the production of keratin sulphate. Research has shown that a biotin deficiency can be one of the major causes of cracks and brittleness in the hoof wall. Each 20g of **GROHOOF** contains a high level (37.5mg) of **Biotin** to ensure optimal levels of this nutrient.
- **Calcium** is an essential mineral for keratin stabilisation and cohesion in the hoof wall. Research has shown that a calcium deficiency can pre-dispose hooves to weakness, brittleness and cracks originating at the coronary band.
- **Zinc** is paramount for the proper healing of all epidermal tissue, especially the hooves. **Zinc** is an essential component of a metalloenzyme - necessary for protein synthesis.
- **Amino Acids** are the building blocks of protein - which are essential constituents of hoof horn.

Distributed by:

TRM-Ireland INC, 219 South Sycamore St, Ravenna, OH 44266
Customer Service: 1800 876 5688

