



FootWise™



Maintains strong hooves, healthy skin, and a gleaming hair coat.

General Information

The difference between a hoof and coat supplement that works and one that doesn't is the amount, quality, and type of ingredients. FootWise was scientifically formulated to supply the additional elements needed to maintain healthy, hair, hooves, and skin. Not only does it contain 20 mg of biotin, the amount scientifically proven to positively affect hoof quality, but it also provides effective levels of chelated trace minerals such as copper, iodine, and zinc. Lysine and other high-quality amino acids are included to provide the building blocks for proteins. Essential fatty acids, including omega-3, support resilient skin and a luxurious coat, and contribute to a healthy moisture barrier in the hoof. Yeast cultures are added to increase overall digestibility. Horse owners will start seeing results in their horse's hair coat within the first two weeks of supplementation. Hoof quality will show improvement as new hoof growth appears at the coronary band.

FootWise:

- Aids in the elimination of dry, flaky hair coats and brittle manes and tails
- Maintains healthy hoof tissues so they are less susceptible to developing hoof problems such as thrush and white line disease
- Sustains a strong, resilient hoof wall, reducing the incidence of cracks, chips, and lost shoes
- Supports the re-growth of healthy hoof after injury or surgery

Indications

Nutrient deficiencies.

Signs such as poor hoof quality, brittle mane and tail, and dull hair coat that are not directly related to an illness or injury are often symptoms of nutrient deficiencies. This is particularly prevalent in easy keepers or horses on restricted diets that are consuming dried forages such as hay or hay cubes in combination with very small amounts of fortified grains or no grain at all. It is also not unusual

for horses being fed a maintenance level diet to need extra supplementation to support good hoof quality and healthy skin. Such horses might face additional stresses from genetic predispositions, or challenging environmental or management conditions. Supplementation with 1 ounce of FootWise per day is recommended to address nutritional deficiencies.

Genetic predisposition to bad feet.

Some horses can stand out in the mud all winter, stamp flies all summer, never wear a set of shoes and still have perfect hooves; others are not so fortunate. Horses that are genetically predisposed to brittle hoof walls and thin soles will benefit from the additional support provided by the nutrients in FootWise. The key is to strengthen the keratin bonds and support the hoof's natural defenses, which improves overall structural integrity. Supplementation with 1 ounce of FootWise per day is recommended. If a horse is severely challenged, 2 ounces per day can be fed.

Environmental and management challenges.

Living conditions and management styles can place tremendous stress on a horse's hooves, hair coat, and skin. Horses living in wet, muddy conditions or those that are being prepped for sale or 'constantly' competing have hooves and skin that are exposed to high levels of moisture. Over time this moisture degrades internal structures. Oversaturated feet may look healthy at first, but the damage is taking place out of sight, inside the hoof wall. If conditions are left unresolved for too long, the foot begins to deteriorate, leaving the horse susceptible to cracks and white line disease. Horses with poor feet are more likely to present with lameness because the shock-absorbing qualities of the foot are no longer functioning properly. When the skin is constantly stripped of its natural oils it becomes dry and cracked, leaving an opening for bacteria and other pathogenic invaders to cause damage. While management changes and improved living conditions are the best treatment, supplemental nutrients will provide additional support to existing structures and help rebuild damaged tissues. One to 2 ounces per day of FootWise is recommended, depending on the condition of the hooves, hair coat, and skin.

Illness or injury.

In order to rebuild damaged tissue and strengthen challenged systems, horses recovering from injury or illness often need additional nutrients. Providing adequate nutrition can be a challenge in situations where a horse faces dietary restrictions. Proper nutrition will reduce layup time and speed recovery. It is recommended that horses recovering from illness that are suffering from poor coat condition, or horses who have suffered traumatic hoof injury, laminitis or other disease of the hoof, be supplemented with 1 to 2 ounces of FootWise per day.

Dosage and administration

FEEDING RECOMMENDATIONS

1 scoop = 1 oz

- Maintenance level: 1 scoop per day
- Horses or ponies that need additional support: 2 scoops per day

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AVAILABLE SIZES

2.75 lb container (contains 44 scoops)

10-lb container (contains 160 scoops)

SAFETY

FootWise is recommended for horses of all ages.

To ensure the efficacy of FootWise for the entirety of its shelf life, store it in a cool, dry place and reseal the lid during storage. Shelf life is 24 months from date of manufacture when stored under suitable conditions.

GUARANTEED ANALYSIS

	Per 1 oz	Concentration
Methionine (Min.)	3,000 mg	10.6%
Lysine (Min.)	1,000 mg	3.6%
Zinc (Min.)	200 mg	7,100 ppm
Copper (Min.)	65 mg	2,300 ppm
Iodine (Min.)	2 mg	70 ppm
Biotin (Min.)	20 mg	700 ppm

INGREDIENTS

Ground extruded whole soybeans, lecithin, yeast culture, DL-methionine, L-lysine, zinc proteinate, copper proteinate, biotin, ethylenediamine, and silicon dioxide, preserved with ethoxyquin and propionic acid.

Biotin is a water-soluble B vitamin that is essential for the maintenance of healthy connective tissue found in skin, hooves, and hair. Research studies have proven that at least 20 mg per day of biotin is needed to toughen hooves and promote the growth of healthy hoof walls. The amino acids methionine and lysine have been shown to increase biotin's effectiveness.

Copper is essential for the synthesis of connective tissue. In the hoof, copper is part of the enzyme that is active in the formation of the disulfide bonds in keratin, the protein found in the hoof wall. If the bonds are compromised, the hoof wall loses its structural integrity and strength. Copper is also found

in an enzyme necessary for the proper formation of collagen that is found in bone and skin.

Fatty acids

Both the soybeans and lecithin contained in FootWise are abundant in omega-3 fatty acids, which help maintain elastic skin and slick, glossy coats. In addition, fatty acids contribute to hoof health by creating a barrier that repels excessive moisture.

Iodine controls the production of thyroid hormones, which are necessary for optimal health of hair and hooves.

Lysine and other high-quality proteins

Lysine is considered to be an essential amino acid that must be provided in the diet. In order for a protein like keratin to be synthesized, all the necessary amino acids must be present at once. The amino acid whose supply runs out first and "limits" protein synthesis from proceeding is considered the "limiting amino acid." For horses, lysine is the first limiting amino acid. It is important to supply adequate levels of lysine.

Methionine is an amino acid necessary for proper hoof growth. The hoof-building processes depend largely on methionine to bind the keratin fibers in the hoof. The bonds that occur during growth give the hoof wall strength and resiliency.

Zinc is a trace mineral vital to proper enzyme function in protein metabolism. Because hooves and hair are predominantly composed of keratin and collagen, zinc is integral to hoof and hair strength. FootWise contains zinc proteinate, the form of zinc most easily digested by horses.

Yeast cultures

Research has shown that high-quality yeast cultures help horses maintain a healthy digestive tract and increase the digestibility of nutrients by stimulating the activity of the good microorganisms in the hindgut.

Developed by:



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