



Biotin 800® ZA Plus

Extra Strength Pelleted Hoof Builder

PRODUCT INFORMATION

THE
ANSWER SERIES

Profile:

Biotin 800® ZA Plus Extra Strength is a pelleted hoof builder. Formulated using the added ingredients L-arginine (Nitric Oxide), Turmeric and Glutamine all designed to improve blood flow and circulation to the hoof. Also, reduces the onset of fatigue and may reduce lactic acid production.

Each 2 oz daily dose provides 60 mg of Biotin, 9,200 mg of L-Arginine (NO), 7,890 mg of Turmeric, 9,200 mg of Glutamine, 300 mg of Zinc, 75 mg of Copper, 3,190 mg of DL-Methionine and additional ingredients.

Easy to dispense alfalfa based pellet with molasses flavoring for ready acceptance.

Advantages:

- Nitric Oxide to improve circulation
- Turmeric – known for its anti-inflammatory qualities
- Glutamine to boost immune system
- Maintains consistent high quality hoof growth
- Helps prevent poor, weak, dry and cracked hooves
- Beneficial for horses of all ages and classes
- Promotes healthier hair coats

Guaranteed Analysis per 2 oz Daily Dose:

- L-Arginine – 9,200 mg
- Turmeric – 7,890 mg
- Glutamine – 921 mg
- Zinc – 300 mg
- Copper – 75 mg
- Methionine – 3,190 mg
- Biotin – 60 mg

Horse Health Conditions Associated with Low Nitric Oxide:

- Poor Hoof Health
- Navicular Syndrome
- Joint Disfunction
- Laminitis
- Performance – Stamina Issues
- Exercise Induced Pulmonary Hemorrhage (EIPH)
- Metabolic Related Concerns
- Inflammation



**80 Day Supply
10 lb (4.53 kg)**

**1 scoop (2 oz.)
per day**



Made in the USA



Kaeco Group, Inc.

P.O. Box 89
Savannah, MO 64485-0089
800.228.1211 • Fax 816.324.6279
kaeco@stjoelive.com



Nitric Oxide

A gas produced within the horse's body that impacts circulation, vascular health and lameness and is crucial in enhancing blood vessel circulation in the hoof. In horses, L-arginine supplementation may enhance overall exercise performance, recovery, assist in improving cardiac function and blood flow and potentially reduce the impact of lactic acid. With its ability to enhance circulation and to support the immune system, supplementation may also be beneficial in repair. In enhancing circulation, L-arginine can improve delivery of nutrients for healing purposes. L-arginine may also prove valuable in the management of laminitis due to improved blood flow and vasodilation to the hoof region.

Turmeric (curcumin)

Best known for its use as an anti-inflammatory, Turmeric works by significantly reducing the inflammatory pathways in the body, but unlike bute and most other non-steroidal anti-inflammatories often given to horses, Turmeric works as a COX-2 inhibitor (as opposed to COX-1) and does not damage the lining of the stomach. *Please note:* Turmeric should not be fed if your horse is currently being administered NSAIDs or blood thinning medications. If your horse is on medication and you're unsure of possible contraindications, it is important that you consult your veterinarian prior to feeding turmeric.

Glutamine

Glutamine is an amino acid that can be converted to glucose by the body and used as energy when the body's normal glucose levels are low. This fuel is key to supporting muscle recovery and protecting the equine athlete during exercise. Glutamine plays key roles in protein metabolism, increasing cell volume and anti-catabolism. It also helps metabolize body fat and support new muscle growth.

- Glutamine has been linked to protein synthesis. It prevents muscle from being catabolized (diminished) in order to provide glutamine to other cells in the horse's body.
- Glutamine helps maintain cell volume and hydration.
- Glutamine boosts the immune system. For physically active horses, this is important since heavy workouts tend to greatly deplete Glutamine levels.
- Glutamine is a primary energy source for the immune system.

Proper mineral nutrition is critical for maintaining healthy, productive horses. Zinc (Zn) is important in bone development, healthy hooves, coat and reproduction, and Copper (Cu), is important in bone and cartilage development and iron utilization.

Directions for Use:

All Horses – 1 scoop (2 oz.) per day
2 ounce scoop provided
May be top dressed on feed or hand fed
Provide daily or as directed by your veterinarian

Ingredients:

Corn Distillers Dried Grains with Solubles, Alfalfa Meal, L-Arginine, Wheat Middlings, DL-Methionine, Calcium Carbonate, Zinc Methionine, Molasses, Calcium Phosphate, L-Glutamine, Copper Amino Acid Complex, Yucca Schidigera Extract, Turmeric, Biotin, Mineral Oil, Sodium Carboxymethylcellulose, Calcium Propionate (a preservative), Natural and Artificial Flavor, and Saccharomyces Cerevisiae Yeast Culture.



Kaeco Group, Inc.

P.O. Box 89
Savannah, MO 64485-0089
800.228.1211 • Fax 816.324.6279
kaeco@stjoelive.com

