



# VETRI-SCIENCE®

## LABORATORIES

### FOUNDATION II

- An advanced hoof care support supplement for all classes of horses. This formula includes a broad range of synergistic ingredients that research has shown to be intricately involved in the health, maintenance, and growth of the hoof.
- **Recommended for:**
  - ☐ For soft, dry, brittle or cracked hooves, chronic foot soreness, and poor quality hooves
  - ☐ To support keratin production within the hoof
  - ☐ To support collagen formation
  - ☐ To support tissue elasticity, permeability, and flexibility
  - ☐ To strengthen hoof and promote new growth
  - ☐ To support hoof health and comfort
  - ☐ To support a sound hoof to help keep horses from losing shoes
- **Biotin** is vital to skin and hoof health. A deficiency of biotin has been associated with dry, brittle, or deformed hooves, tender feet, and unwillingness to stride out. Biotin acts as a co-factor in many of the body's enzymatic reactions and is essential for a horse's production of proteins.
- **B Vitamins** (including riboflavin, folic acid, niacin, thiamine, vitamin B6, biotin, and choline) are necessary for the metabolism and formation of proteins, carbohydrates and fats. Vitamin B6 is necessary for the absorption and metabolism of amino acids that are used to manufacture proteins and is essential for muscle building and the formation of red blood cells. A deficiency of B6 impairs hoof and skin regeneration. Choline is critical for normal cell membrane structure.
- **Methionine and Lysine** are essential amino acids and are crucial building blocks that must be present for biotin to do its job. Methionine & Lysine are key amino acids in production of the protein keratin (the primary protein found in the hoof wall). Keratin supports a stronger, more flexible, and faster growing hoof.
- **Cystine** is an important sulfur containing amino acid that is important for building proteins in connective tissue needed for sound hoof health. Sulfur is needed to produce many important proteins, including: muscle tissue, hemoglobin, and keratin. Glycine is an amino acid used by the body as a major building block of healthy connective tissue and collagen. Tyrosine supplementation may result in increased performance under stressful conditions. Threonine is an important structural constituent of connective tissues like collagen, elastin, and enamel protein.
- **Zinc and Copper** support hoof structure and hair coat. Zinc deficiencies can impair synthesis of proteins necessary for proper hoof condition and repair. Copper is necessary for cross-linking of protein, collagen, and elastin in the connective tissue of the hoof. Mineral amino acid chelates allow for better utilization and absorption of minerals making them more bioavailable to the horse. Manganese supports collagen formation. Iodine is an important mineral that supports hoof growth and strength.
- **Alfalfa and Red Dog Wheat** (as quality protein sources) have a beneficial effect on both hoof quality and growth. Wheat germ is also an excellent source of B Vitamins.  
**Foundation II** is a highly palatable pellet containing alfalfa and cane molasses. Horses love the taste!
- **Feeding Directions:**  
**Initial: (3 - 6 weeks)** Add 3 - 4 scoops daily to feed.  
**Maintenance:** Add 1 - 2 scoops daily to feed.  
  
 For more than one scoop, divide between AM and PM if possible.
- **Foundation II**

0900566.060	(60 Servings Pellets)
0900566.120	(120 Servings Pellets)
0900566.180	(180 Servings Pellets)

#### FOUNDATION II Guaranteed Analysis Per 1 Scoop (45 g):

The following values are minimums unless otherwise stated.

Methionine	(17%) 7,500 mg
L-Lysine	(5.6%) 2,500 mg
L-Cystine	(1.1%) 500 mg
Glycine	(0.4%) 200 mg
Tyrosine	(0.3%) 112 mg
Threonine	(0.3%) 128 mg
Copper	(0.09%) 40 mg
Zinc	(0.4%) 200 mg
Iodine	1 mg
Manganese	1 mg
Pyridoxine (Vitamin B6)	50 mg
Choline	29 mg
Biotin	30 mg
Niacin	1 mg
Thiamine	0.36 mg
Riboflavin	0.09 mg
Folic Acid	0.03 mg

**Ingredients:** red dog wheat, methionine, dextrose, cane molasses, alfalfa meal, l-lysine, zinc amino acid chelate, biotin, cinnamon, l-cystine, copper amino acid chelate, apple flavor, zinc sulfate, pyridoxine hydrochloride, citric acid, rosemary extract, iodine, with propionic acid (0.125%) and vitamin E supplement (0.08%) added as preservatives.

SOLD EXCLUSIVELY THROUGH VETERINARIANS

WEB: [www.vetriscience.com](http://www.vetriscience.com) E-MAIL: [info@vetriscience.com](mailto:info@vetriscience.com) PHONE: 1-800-882-9993 FAX: 802-878-0549