

# Ker-A-Form

Research studies have proven that feeding 20 mg of biotin daily toughens hooves and promotes the growth of healthy hoof wall. In addition to 20 mg of biotin, Ker-A-Form contains zinc, methionine, and iodine, rounding out the nutrients necessary for a healthy foot.

## BIOTIN BASICS

Biotin has become commonplace in feed rooms across the world because of its reputation as an effective hoof supplement. And while this is true, some horsemen believe it to be a man-made and mystical creation. Nothing could be further from the truth.

In order to achieve maximal improvement in hoof health, a horse should consume 20 mg of biotin per day. If improvement has been seen within eight to 15 months, the horse will need to remain on biotin the rest of its useful life to maintain that improvement. Cutting the dose is not advisable because it may affect the results, and care should be taken not to buy more than what can be used up in six months.

Other nutrients such as zinc, methionine, and iodine can also affect hoof quality. A well-balanced supplement will contain all of these nutrients in addition to the 20 mg per serving of biotin.

## KER-A-FORM FACTS

**Keratinization** is the process which builds hoof horn. Research has shown that the following nutrients are essential for keratinization.

**Biotin** is a water-soluble B vitamin that activates the production of keratin. It is required by all animals for its action as a coenzyme in many metabolic processes.

**Methionine** is an essential amino acid that contains sulfur. Sulfur-to-sulfur bonds are responsible for the cross-linking of keratin within the hoof, giving it strength and integrity.

**Zinc** is a macromineral important for its contribution to the health and integrity of horses' hooves and is critical in enzymatic reactions controlling protein metabolism.

**Iodine** is an essential element for the production of thyroid hormones which control the growth and development of all tissues and help regulate metabolism.

**Yeast culture** increases nutrient digestibility and mineral absorption, and promotes efficient protein utilization.

**Fatty acids** form a protective hoof barrier that helps seal the hoof from excessive environmental moisture. Fatty acids also contribute to improved coat condition.

### Feeding Directions:

Feed all classes of horses 1-2 ounces per day mixed with their feed (1 scoop = 1 ounce).

