

NutrientWise[™]

Low-calorie source of chelated trace minerals and both water-soluble and fat-soluble vitamins.



General Information

Think of NutrientWise as a multivitamin you give your horse.

What sets NutrientWise apart from other vitamin and mineral supplements? Quality ingredients and scientific formulation do. To ensure the highest possible absorption and retention rates, NutrientWise is formulated with natural vitamin E and other high-quality vitamins. The minerals contained in NutrientWise are chelated, and to further increase digestibility and absorption, yeast cultures have been added. You won't find a long laundry list of ingredients in NutrientWise because it has been scientifically formulated to provide the nutrients a horse needs. This reduces the risks of over-supplementation and saves the horse owner from paying for ingredients that don't really make a difference or are not included in the required amounts. When a horse's daily diet can't provide all the nutrition he needs, turn to NutrientWise to fill the gaps.

Indications

Horses on restricted diets.

Horses that are on restricted diets due to sugar/starch sensitivity or other metabolic issues are often missing key nutrients from their diets. Grasses and legumes once cut and dried for hay lose up to 75% of their vitamins within a few short weeks. Depleted soils yield hays lacking in key trace minerals. Horses that consume less than the required amounts of fortified feeds (typically less than 5 pounds per day) are often lacking in even maintenance levels of important vitamins and minerals. NutrientWise fills the gaps without adding unwanted calories, starch or sugar. Supplementation amounts will vary depending on the horse's activity levels and overall diet.

Overweight horses.

Obesity is almost as much of a problem in horses as it is in people. To attain and maintain a healthy weight, overweight horses need to reduce the number of calories they consume while still maintaining the high level of nutrition necessary to remain healthy. Controlling calorie intake is the answer, not nutritional starvation. Horses subsisting on low-quality hay alone will soon begin to look bloated and unthrifty. It is recommended that overweight horses consume a diet consisting of at least 1.5% to 2% of their body weight in clean, low-calorie grass hay (or the equivalent in suitable forage) and 2 to 3 ounces (1 to 1.5 scoops) of NutrientWise per day.

Racehorses, show horses, other hard-working horses, and seniors.

Essential vitamins and minerals counter the effects of oxidative stress caused by normal metabolism and exercise. The harder a horse works, the more nutritional and antioxidant support it needs. Older horses may have a reduced ability to absorb nutrients and therefore require higher amounts to remain healthy. Diets consisting of super fibers such as beet pulp and fat sources such as rice bran provide energy in a safe form; however, unless these diets are fortified in some way, they don't always meet vitamin and trace mineral requirements. When hard-working horses or seniors are maintained on a diet consisting of unfortified energy sources, or if they are consuming less than the recommended amount of fortified concentrates, supplementation with 3 to 4 ounces (1.5 to 2 scoops) of NutrientWise is recommended to fill the nutritional gap.

Last trimester and lactating broodmares.

NutrientWise provides the supplementation necessary to protect the nutritional status of both the mare and her foal during the last trimester of pregnancy, and during lactation. It delivers vitamins and minerals that support rapid bone and muscular growth in young horses, as well as a robust immune system. Additional vitamins and minerals are especially important in easy keeping mares that are not consuming the recommended amounts of fortified concentrates. Supplementation with 3 to 4 ounces (1.5 to 2 scoops) of NutrientWise daily is recommended.

Horses recovering from illness or injury.

Proper nutrition is essential to the healing process. NutrientWise is recommended for horses that are on restricted diets or those being treated with medication that might interfere with adequate nutrient intake. When special diets are necessary for horses with digestive tract issues, NutrientWise can be mixed to super fibers such as beet pulp to provide the required vitamins and minerals without adding additional starch and sugar. The amount

fed will depend on overall nutrient status of the diet. Two to 4 ounces (1 to 2 scoops) can be offered daily.

Dosage and administration

FEEDING RECOMMENDATIONS

1 scoop = 2 oz

Type of Horse	Scoops/Day
Maintenance Barren Mares Light Training	1
Yearlings Pregnant Mares Lactating Mares Stallions Moderate Training	1.5
Foals Weanlings Lactating Mares (first 3 months) Late Pregnant Mares (last 3 months) Intense Training	2

NutrientWise is an alfalfa-based pellet that is very palatable. It can be fed alone, mixed with concentrates, or added to beet pulp (or other forage/energy source).

AVAILABLE SIZES

10-lb container (contains 80 scoops)
20-lb container (contains 160 scoops)

SAFETY

NutrientWise is recommended for horses of all ages and stages.

NutrientWise provides the essential mineral selenium (4 oz contains 1.8 mg of selenium). Do not feed multiple supplements containing selenium without monitoring the amount of selenium provided by the entire diet.

To ensure the efficacy of NutrientWise 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.

Developed by:



22-169

PO Box 1013, Versailles, KY 40383
KPPvet.com
859-873-2974, 800-772-1988

GUARANTEED ANALYSIS

	Per 4 oz	Concentration
Crude Protein (Min.)	15 g	14%
Calcium (Min.)	3 g	2.5%
Calcium (Max.)	3.4 g	3.0%
Phosphorus (Min.)	1.5 g	1.5%
Copper (Min.)	136 mg	1,200 ppm
Selenium (Min.)	1.8 mg	16 ppm
Zinc (Min.)	400 mg	3,520 ppm
Vitamin A (Min.)	40,000 IU	162,000 IU/lb
Vitamin D (Min.)	4,000 IU	16,200 IU/lb
Vitamin E (Min.)	720 IU	2,880 IU/lb
Thiamine (Min.)	24 mg	96 mg/lb
Choline (Min.)	650 mg	2,600 mg/lb
Folic Acid (Min.)	12 mg	48 mg/lb
Niacin (Min.)	120 mg	480 mg/lb
Pantothenic Acid (Min.)	50 mg	200 mg/lb
Riboflavin (Min.)	40 mg	160 mg/lb
Vitamin B12 (Min.)	120 mcg	480 mcg/lb

INGREDIENTS

VITAMINS

Vitamins are available in fresh plant material, such as pasture, but their potency diminishes over time when fresh forage is stored as hay. Horses that are not consuming significant amounts of green grass may need additional supplementation.

Natural vitamin E cannot be synthesized by the horse; therefore, it is considered an essential nutrient. Natural vitamin E is a powerful antioxidant that limits the damage caused by oxidative stress and the actions of free radicals. Beware, not all forms of the vitamin are created equally. Many supplements contain synthetic vitamin E (dl-alpha-tocopherol). Compared with synthetic vitamin E, the body can more efficiently transport and deliver natural vitamin E to targeted tissues. Current research in several species, including horses, shows that natural vitamin E is two to three times more potent than synthetic.

MINERALS

Minerals are inorganic compounds that serve both as components in body tissue and as catalysts for various body processes. The trace minerals in NutrientWise are chelated, which increases digestibility and absorption.

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. A healthy microbial population will also reduce the incidence of digestive upset and contribute to a healthy immune system.

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