

# ESSENTIAL K®

A supplement to balance rations for idle, breeding, growing & performance horses.

**PRODUCT CODE: 928EK**  
**928EK30 (30 lb. bag)**

- **Low Feeding Rate:** A dense nutrient concentration and low calorie pellet makes it a low cost method of supplying the most critical nutrients.
- **Low NSC** may be beneficial for hyperactive or special needs horses, such as those with insulin resistance, laminitis, obesity or tying-up.
- Optimal balance of essential **amino acids** for growth and muscle maintenance.
- **Organic minerals** support normal bone and tissue growth, reproduction, and immune health.
- Optimum levels of **antioxidants** Vitamin E, Vitamin C and Selenium may help in reducing damage from aging and exercise. Also supports immune health.
- Fortified with **biotin** to support healthy hoof growth and strength.
- With Equi-Ferm XL®, a **pre-and probiotic** that increases total diet digestibility and improves overall gut health.
- Contains **natural Vitamin E**.
- **No added iron.**

### FEEDING DIRECTIONS:

Life Stage – Growing <i>Body Weight, lb</i>	Essential K® lb per day	
300	2.0	
400	2.5	
500	3.0	
600	3.0	
700	3.0	
800	3.0	
900	3.0	
Life Stage – Reproduction	Body weight, lb	Essential K® lb per day
Open Mare	1100	1.0 – 2.0
Pregnant Mare	1100	2.5 – 3.0
Nursing Mare, First 3 Months	1100	3.0 – 4.0
Nursing Mare, Second 3 Months	1100	2.5 – 3.0
Life Stage - Mature	Body weight, lb	Essential K® lb per day
Idle	1100	1.0 – 2.0
Light	1100	2.0 – 2.5
Moderate	1100	2.5 – 3.0
Heavy	1100	3.0 – 3.5
Intense	1100	3.0 – 3.5

### GUARANTEED ANALYSIS:

Crude Protein (Min.)	28.00%
Lysine (Min.)	2.20%
Methionine (Min.)	0.60%
Methionine & Cysteine (Min.)	1.00%
Threonine (Min.)	1.20%
Crude Fat (Min.)	6.00%
Crude Fiber (Max.)	6.50%
ADF (Max.)	8.00%
NDF (Max.)	15.00%
Dietary Starch (Max.)	4.50%
Sugars (Max.)	8.00%
Calcium (Ca) (Min.)	2.50%
Calcium (Ca) (Max.)	3.50%
Phosphorus (P) (Min.)	1.50%
Salt (NaCl) (Min.)	1.25%
Salt (NaCl) (Max.)	1.75%
Potassium (K) (Min.)	1.50%
Magnesium (Mg) (Min.)	0.40%
Copper (Cu) (Min.)	300 ppm
Zinc (Zn) (Min.)	900 ppm
Manganese (Mn) (Min.)	240 ppm
Cobalt (Co) (Min.)	4 ppm
Iron (Fe) (Min.)	500 ppm
Iodine (I) (Min.)	4 ppm
Selenium (Se) (Min.)	1.5 ppm
Vitamin A (Min.)	30,000 IU/lb
Vitamin D (Min.)	2,500 IU/lb
Vitamin E (Min.)	1,000 IU/lb
Vitamin C (Min.)	80 mg/lb
Biotin (Min.)	2.4 mg/lb
Thiamine (Min.)	30 mg/lb
Riboflavin (Min.)	8.5 mg/lb
Omega 6 Fatty Acids (Min.)	3.00%
Omega 3 Fatty Acids (Min.)	0.40%
Saccharomyces cerevisiae (Min.)	350 million CFU/lb
Direct-Fed Microorganisms (Min.)	520 million CFU/lb
Cellulase (Aspergillus Oryzae) (Min.)	9.6 Enzyme Units
Protease (Aspergillus Oryzae) (Min.)	12 Enzyme Units
Lipase (Aspergillus Oryzae) (Min.)	3.6 Enzyme Units
Hemicellulase (Aspergillus Niger) (Min.)	10.8 Enzyme Units
Phytase (Trichoderma reesei) (Min.)	55 FTU/lb

### INGREDIENTS:

Dehulled Soybean Meal, Ground Extruded Whole Soybeans, Dehydrated Alfalfa Meal, Wheat Middlings, Flaxseed, Dried Whey, Cane Molasses, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Soybean Oil, Lignin Sulfonate, Magnesium Oxide, L-Lysine, DL-Methionine, L-Threonine, Salt, Potassium Sulfate, Magnesium Sulfate, Potassium Chloride, Vitamin A Supplement, d-alpha-Tocopheryl Acetate, dl-alpha-Tocopheryl Acetate, Vitamin D Supplement, Biotin, Beta-Carotene, Folic Acid, Vitamin B-12 Supplement, Pantothenic Acid, Niacin, Thiamine Mononitrate, Pyridoxine Hydrochloride, Menadione Sodium Bisulfite Complex, Calcium Pantothenate, Riboflavin, Esters of L-Ascorbic Acid, Choline Chloride, Zinc Sulfate, Manganese Sulfate, Copper Sulfate, Ethylenediamine Dihydroiodide, Cobalt Sulfate, Sodium Selenite, Selenium Yeast, Zinc Amino Acid Complex, Copper Amino Acid Complex, Manganese Amino Acid Complex, Cobalt Glucoheptonate, Calcium Citrate, Active Dry Yeast, Yeast Culture, Hydrated Sodium Calcium Aluminosilicate, Brewers Dried Yeast, Dried Lactobacillus Acidophilus Fermentation Product, Dried Aspergillus oryzae Fermentation Extract, Yucca Schidigera Extract, Dried Aspergillus niger Fermentation Extract, Kelp Meal, Dried Bacillus subtilis Fermentation Product, Dried Bacillus licheniformis Fermentation Product, Dried Bacillus coagulans Fermentation Product, Dried Bifidobacterium longum Fermentation Product, Dried Trichoderma reesei Extract, Diatomaceous Earth, Bentonite, Sodium Bentonite, Propionic Acid, Dried Lactobacillus acidophilus Fermentation Product, Dried Lactobacillus casei Fermentation Product, Dried Enterococcus faecium Fermentation Product, Dried Bifidobacterium thermophilum Fermentation Product, Propionic Acid (as a preservative) and Natural and Artificial Flavor.