

# TOTAL EQUINE® ESSENTIALS

A complete ration for all classes of Equine.

## Guaranteed Analysis

Protein, (minimum)	12.00%
Fat, (minimum)	6.00%
Fiber, (maximum)	10.00%
Calcium, (minimum)	4.00%
Calcium, (maximum)	5.00%
Phosphorus, (minimum )	2.00%
Salt, (minimum)	1.50%
Salt, (maximum)	2.50%
Copper	250.00 ppm
Zinc	700.00 ppm
Iodine	2.00 ppm
Selenium	1.50 ppm
Vitamin A	15,000.00 IU/lb.
Vitamin D	3,000.00 IU/lb.
Vitamin E	15 0.00 IU/lb.
NSC	21.00%

## Ingredients

Wheat Middlings, Parboiled Rice Bran, Dicalcium Phosphate, Magnesium Oxide, Diatomaceous Earth (an inert carrier and anti-caking agent), Calcium Carbonate, Salt, Monocalcium Phosphate, Dried Kelp Meal, Manganese Amino Acid Chelate, Zinc Amino Acid Chelate, DL-Methionine, Biotin Supplement, Vitamin E Supplement, Copper Amino Acid Chelate, L-Lysine Monohydrochloride, Zinc Hydroxychloride, Manganese Hydroxychloride, Basic Copper Chloride, Ascorbic Acid, Niacin Supplement, Thiamine Mononitrate, D-Calcium Pantothenate, Yucca Schidigera Extract, Sodium Selenite, Vitamin A Supplement, Pyridoxine Hydrochloride, Vitamin B12 Supplement, D-Activated Sterol (a source of D3 activity), Ferrous Carbonate, Cobalt Carbonate, Folic Acid, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Fermentation Product Dehydrated.

**Manufactured For and Guaranteed by:**  
Total Feeds, Inc.  
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## Total Feeds®

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**Total Equine®** Essentials was developed from science and experience. The nutrient levels are based on what has been learned by scientific research. The physical form of extrusion and the specific ingredients are what horses, mules and donkeys need to maximize health, attitude and performance. The base of is alfalfa hay, which gives it the odor and flavor equines love. The palatability is excellent. The fiber level supplies 70-80% of the equines needs for a safe ration. When fed at 1.00 lb. per 1,000 lb. bodyweight, **Total Equine®** Essentials provides the nutrients required by mature equines when fed with adequate quality roughage. **Total Equine®** Essentials.

**Local Distributor:**



TOTAL EQUINE® ESSENTIALS IS A COMPLETE  
NUTRITIONAL PACKAGE FOR EQUINES OF  
ALL AGES AND ACTIVITY LEVELS

Would you like your horse to have?

- Better Hair Coat?
- Better Trainability?
- Better Joint Health?
- Better Hoof Quality?
- Better Mental Attitude?
- Better Muscle Development?

Finally, there is an answer!

BUILDING A BETTER HORSE  
ONE SCOOP AT A TIME



## Total Feeds®

## Total Equine<sup>®</sup> Essentials

is formulated to provide the essential minerals and vitamins that an equine requires as well as the level of *Ascophyllum nodosum* for maximum blood flow and nerve health in a one lb. per day feeding rate. It provides the same level of micro nutrients as 4.0 lb. of Total Equine<sup>®</sup> or Total Equine<sup>®</sup> LNSC. Total Equine<sup>®</sup> Essentials is formulated to reduce to a minimum the amount of NSC in the ration. This makes it safe for all equine including Insulin Resistant horses.

### Fiber

Total Equine<sup>®</sup> Essentials contributes very little fiber to the total diet. However, due to the combination of nutrients and the extrusion process the other roughage fed is more digestible.

### Protein

The protein in Total Equine<sup>®</sup> Essentials is derived from all natural sources. It also contains the added amino acids methionine and lysine, which insures an adequate balance of the essential amino acids required by the horse.

### Energy

Because of the low feeding rate, Total Equine<sup>®</sup> Essentials does not provide a large part of the energy for the horse.

### Major Minerals

Minerals are the main building blocks for bones as well as being important for all chemical reactions in the body. Total Equine<sup>®</sup> Essentials contains the major minerals calcium, phosphorus, magnesium, potassium and sodium in the correct levels and ratios for maximum growth, activity and health.

[www.totalfeeds.com](http://www.totalfeeds.com)



### Trace Minerals

Trace minerals are the catalysts for most chemical reactions in the body and some are important for antioxidant activities. Total Equine<sup>®</sup> Essentials contains levels and ratios of all trace minerals with known requirements and are added at levels above those levels. This insures the horse will not be deficient in any trace mineral even under severe stress or hard work. Bioavailability of trace minerals is very important in how well an animal can digest and use the minerals in question. Total Equine<sup>®</sup> Essentials is formulated to contain 50% of the Copper, Manganese and Zinc in the form of chelates. This insures maximum digestibility and availability to the horse.

### Vitamins

All chemical reactions in the body that produce growth, reproduction, work and even maintenance require a catalyst or several catalysts. This is the main function of B-Vitamins. Total Equine<sup>®</sup> Essentials contains all of the B-Vitamins for which requirements have been established, and they are all formulated at levels to insure higher than minimum requirement levels. B-Vitamins also function as antioxidants to reduce the rate of cell destruction by pollutants in the environment as well as metabolic byproducts from the ration.

### Processing

Total Equine<sup>®</sup> Essentials is steam extruded. This process insures maximum digestibility compared to raw, unprocessed or steam pelleted starch. Improving the digestibility not only improves starch digestion, but also improves digestion of the fiber and improves bioavailability of minerals and micronutrients.

### Specialty Combinations

Total Equine<sup>®</sup> Essentials is formulated with a specific combination of Methionine, Lysine, Biotin, Copper, Zinc and Iodine to provide maximum hair and hoof growth and horse health. Total Equine<sup>®</sup> Essentials contains Tasco<sup>®</sup> which is a specific species of seaweed by the name of *Ascophyllum nodosum*. *A. nodosum* contains high levels of Fucoidan and Fucose sugar. Fucoidan is a sulfated, short-chain polysaccharide that is known to stop growth of *E. coli* in the large intestine. It also controls other pathogenic bacteria that inhabit the large intestine. Fucoidan is composed of Fucose sugar that makes the polysaccharide chain. Fucose is a part of normal nerve transmission in the body. This sugar along with specific levels of Choline, magnesium and some other minerals keep the nervous system from overreacting to stressful situations.

### Feeding Directions

Total Equine<sup>®</sup> Essentials is to be fed at one pound per day with free-choice grass or alfalfa hay, salt and water.