

Reading a feed label (C-2 Standard)

Common ingredients with their individual nutritional contributions are discussed in the Nutrition chapter of the Third USPC manual. In addition, explaining how to read a feed label is covered in the same chapter. Understanding which nutrients are acquired from the ingredients that make up a commercial feed is important to balancing your horse's ration. The feed label will give the % or concentration of each nutrient, but it is up to you to decipher which ingredients provide the nutrients. Below are some examples on how to interpret which ingredients provide protein, carbohydrates, and fats from a commercial feed label. In general, all plant-based ingredients will provide variable amount of carbohydrates, proteins, and fats. Ingredients that contain oils (generally oils from plants) are almost exclusively sources of fats with no protein or carbohydrates, while molasses is almost exclusively a source of simple carbohydrates with no protein or fat. If you are unsure what type of nutrients an ingredient provides, a simple search on the web will often give you the general information about what nutrients an ingredient may provide. You can also talk to an equine nutritionist or feed dealer for more information.

Example 1:

PONY CLUB FEED

For maintenance of adult horses

Guaranteed Analysis

Crude protein, minimum12.0%
Crude fat, minimum3.0%
Crude fiber, maximum12.0%
Calcium, minimum 0.8%
Calcium, maximum 1.3%
Phosphorus, minimum0.65%
Copper, minimum 20 ppm
Selenium, minimum0.20 ppm
Zinc, minimum 40 ppm
Vitamin A, minimum 7000 IU/LB

INGREDIENT STATEMENT

Grain Products, Plant Protein Products, Processed Grain By-Products, Molasses Products, Calcium Lignin Sulfonate, Vitamin A supplement, D-Activated Animal Sterol (source of Vitamin D3), Riboflavin Supplement, Choline Chloride, Biotin, Thiamine Mononitrate, Pyridoxine Hydrochloride, Vitamin E Supplement, Folic Acid, Ground Limestone, Dicalcium Phosphate, Copper Sulfate, Manganous Oxide, Magnesium Oxide, Zinc Oxide, Ferrous Sulfate, Colbalt Carbonate, Calcium Carbonate, Salt, Potassium Chloride.

FEEDING DIRECTIONS

Feed ½ to 1 lb of feed per 100 lbs. of body weight per day for the maintenance of adult horses.

USPC FEEDS

Lexington, KY

Net wt. 50 LB

****Primary source**

Sources of carbohydrates: Grain products**, plant protein products, processed grain by-products**, molasses products

Source of protein: Grain products, plant protein products**, processed grain by-products

Source of fat: Grain products, plant protein products, processed grain by-products

Sources of vitamins and minerals: Vitamin A supplement, D-Activated Animal Sterol (source of Vitamin D3), Riboflavin Supplement, Choline Chloride, Biotin, Thiamine Mononitrate, Pyridoxine Hydrochloride, Vitamin E Supplement, Folic Acid, Ground Limestone, Dicalcium Phosphate, Copper Sulfate, Manganous Oxide, Magnesium Oxide, Zinc Oxide, Ferrous Sulfate, Colbalt Carbonate, Calcium Carbonate, Salt, Potassium Chloride

Example 2

PONY CLUB SENIOR FEED

For maintenance of senior horses

Guaranteed Analysis

Crude protein, minimum14.0%
Crude fat, minimum8.0%
Crude fiber, maximum18.0%
Calcium, minimum 0.8%
Calcium, maximum 1.3%
Phosphorus, minimum0.65%
Copper, minimum55 ppm
Manganese.....100 ppm
Selenium, minimum0.50 ppm
Zinc, minimum150 ppm
Vitamin A, minimum7000 IU/LB
Vitamin D, minimum.....1000 IU/LB
Vitamin E, minimum.....150 IU/LB

INGREDIENT STATEMENT

Alfalfa Meal, Wheat Middlings, Shredded Beet Pulp, Soybean Hulls, Cane Molasses, Dehulled Soybean Meal, Soybean Oil, Distillers Dried Grains, Salt, Ground Limestone, Monocalcium Phosphate, Dicalcium Phosphate, Defluorinated Phosphate, Stabilized Rice Bran, Calcium Carbonate, Vitamin E Supplement, Flaxseed, Yeast Culture, Hydrolyzed Yeast, Lecithin, Magnesium Oxide, Selenium, Ascorbic Acid (Source of Vitamin C), Niacin Supplement, Biotin, Vitamin A Supplement, Thiamine Mononitrate, Beta Carotene, Calcium Pantothenate, Riboflavin Supplement, Pyridoxine Hydrochloride, Vitamin B12 Supplement, Vitamin D3 Supplement, Choline Chloride, Menadione Sodium Bisulfite Complex (Source of Vitamin K Activity), Folic Acid, Sodium Bicarbonate, Sodium Sesquicarbonate, L-Lysine, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Copper Sulfate, Cobalt Sulfate

FEEDING DIRECTIONS

Feed 1-2 lb of feed per 100 lbs. of body weight per day for the maintenance of senior horses not eating hay.

USPC FEEDS

Lexington, KY

Net wt. 50 LB

**Primary source

Source of carbohydrates: Alfalfa Meal, Wheat Middlings**, Shredded Beet Pulp, Soybean Hulls (fiber), Cane Molasses**, Dehulled Soybean Meal, Distillers Dried Grains, Stabilized Rice Bran**, Flaxseed, Yeast Culture, Hydrolyzed Yeast

Source of protein: Alfalfa Meal**, Wheat Middlings**, Shredded Beet Pulp, Soybean Hulls (fiber), Cane Molasses, Dehulled Soybean Meal**, Distillers Dried Grains**, Stabilized Rice Bran, Flaxseed, L-Lysine (amino acid)

Source of fats: Alfalfa Meal, Wheat Middlings, Shredded Beet Pulp, Soybean Hulls, Cane Molasses, Dehulled Soybean Meal, Soybean Oil**, Distillers Dried Grains, Stabilized Rice Bran**, Flaxseed**, Lecithin**

Source of vitamins and minerals: Salt, Ground Limestone, Monocalcium Phosphate, Dicalcium Phosphate, Defluorinated Phosphate, Calcium Carbonate, Vitamin E Supplement, Magnesium Oxide, Selenium, Ascorbic Acid (Source of Vitamin C), Niacin Supplement, Biotin, Vitamin A Supplement, Thiamine Mononitrate, Beta Carotene, Calcium Pantothenate, Riboflavin Supplement, Pyridoxine Hydrochloride, Vitamin B12 Supplement, Vitamin D3 Supplement, Choline Chloride, Menadione Sodium Bisulfite Complex (Source of Vitamin K Activity), Folic Acid, Sodium Bicarbonate, Sodium Sesquicarbonate, , Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Copper Sulfate, Cobalt Sulfate