

# Kelley's

FEED



# Horse RATIONS

**HAL KELLEY GRAIN & MILLING, INC.**

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

# THE ADVANTAGES OF FEEDING



- Rations can be accurately measured, virtually eliminating problems and diseases due to feeding errors.
- Horses keep a trim belly, even when fed heavily.
- Pellets are convenient. They are simple to transport and easy to store. They take up less space in the barn.
- Less waste equals less feed cost. By comparison, a noticeable percentage of hay is scattered and trampled.
- Pellets are highly digestible, resulting in maximum utilization of ingredients.
- You can say good-bye to hay bales full of weeds, mold and bits of wire, rocks, sand and dead rodents. A fire hazard is eliminated.
- Old horses and horses with bad teeth thrive on pellets. Pellets can be soaked, which makes them much easier to chew and digest.
- With Kelley's Brand Horse Pellets, you always have a consistent, high quality product with a guaranteed analysis.
- All of Kelley's Brand Horse Pellets are free of bentonite or any clay products.



## FOAL & BROOD MARE

### Features

### Benefits

**HIGH-QUALITY PROTEIN SOURCES** Needed for building body Soybean Meal, Whole Dried Whey, tissue, skin, hair, muscle, Dried Distillers Grains and nervous system

**HIGH-QUALITY ENERGY SOURCES** Energy is fuel for the body for Barley, Wheat Bran, Hydrolyzed work, growth, reproduction, Animal and Vegetable Fat exercise, etc. Improved skin and hair & coat condition.

**CHELATED TRACE MINERALS** Minerals attached to proteins making them more bioavailable for the horse, increased absorption

**DIGESTIVE ENZYMES** Aids in digestion and improved utilization of nutrients

**KELLEY'S FOAL & BROOD MARE** is a 16% protein pelleted feed designed to be fed to mares and foals. This feed is specially designed with high-quality protein, lactobacillus/digestive enzymes to aid in digestion, chelated trace minerals, vitamins, and the correct energy needed to maintain horses in excellent condition. This feed is to be fed with good quality hay.

### FEEDING DIRECTIONS:

**FOAL: 3 MONTHS**      **MATURE WEIGHT 1100 LBS.**      **MATURE WEIGHT 1300 LBS.**

Alfalfa Hay	3 lbs.	4 lbs.
Kelley's Foal & Brood Mare	6 lbs.	7 lbs.

### FOAL: 6 MONTHS

Alfalfa Hay	4 lbs.	4 lbs.
Kelley's Foal & Brood Mare	8 lbs.	9 lbs.

Mare: Daily intake will vary according to the size and condition of the mare. Use the following guide:

	ALFALFA HAY	KELLEY'S FOAL & BROOD MARE
1st to 8th month	10.0 lbs.	6.5 lbs.
8th month to Foal	11.0 lbs	8.0 lbs.
Lactation	12.0 lbs.	15.0 lbs.

**GUARANTEED ANALYSIS:**

Crude Protein	Not less than	16.0%
Crude Fat	Not less than	3.0%
Crude Fiber	Not more than	7.0%
Ash	Not more than	8.0%

## JUNIOR HORSE

### Features

### Benefits

**HIGH-QUALITY PROTEIN SOURCES** Needed for building body Wheat Bran, Soybean Meal tissue, skin, hair, muscle, and nervous system

**HIGH-QUALITY ENERGY SOURCES** Fuel for the body. Needed for growth & repair of body tissues Rolled Barley, Ground Corn

**NUTRITIONALLY BALANCED VITAMINS & MINERALS** Needed for metabolism, skeletal formation, nerves, body fluid regulation & enzymes

**DIGESTIVE ENZYMES** Improves digestion, more nutrients reach the small intestines

**COOKED AND EXTRUDED GRAINS** Easy to chew; improved carbohydrate digestion

**CANOLA OIL** Improved skin & coat

**KELLEY'S JUNIOR HORSE** is a 14.5% crude protein diet specially formulated for weanlings, yearlings, and two-year-olds. It is composed of a pre-cooked extruded grain nugget, a fiber pellet made of alfalfa meal, rolled barley, molasses and canola oil. Kelley's Junior Horse provides easy digestion with pre-cooked grains, digestive enzymes, vitamins and minerals specific for growing horses.

### FEEDING DIRECTIONS:

Feed in conjunction with good quality Alfalfa Hay.

**1100 LB MATURE WEIGHT** (Daily amount-feed 1/2 am 1/2 pm)

400-599 lbs.	600-799 lbs.	800-999 lbs.	1000-1100 lbs.
8 lbs. Jr. Horse	9 lbs. Jr. Horse	10 lbs. Jr. Horse	12 lbs. Jr. Horse
4 lbs. Alfalfa Hay	5 lbs. Alfalfa Hay	5 lbs. Alfalfa Hay	6 lbs. Alfalfa Hay

**1300 LB MATURE WEIGHT** (Daily amount-feed 1/2 am 1/2 pm)

500-699 lbs.	700-899 lbs.	900-1099 lbs.	1100-1199 lbs.
9 lbs. Jr. Horse	10.5 lbs. Jr. Horse	11 lbs. Jr. Horse	12 lbs. Jr. Horse
5 lbs. Alfalfa Hay	5 lbs. Alfalfa Hay	6 lbs. Alfalfa Hay	6 lbs. Alfalfa Hay

**1200-1300 lbs.**  
14 lbs. Jr. Horse  
6 lbs. Alfalfa Hay

### GUARANTEED ANALYSIS:

Crude Protein	Not less than	14.50%
Crude Fat	Not less than	4.00%
Crude Fiber	Not more than	11.5%
Ash	Not more than	9.00%
Calcium (CA)	Not less than	0.90%
Calcium (CA)	Not more than	1.10%
Phosphorus (P)	Not less than	0.80%

# HIGH COUNTRY SWEET HORSE FEED

## Features

## Benefits

**HIGH-QUALITY PROTEIN SOURCES**  
Soybean Meal

Needed for building body tissue, skin, hair, muscle, and nervous system

**HIGH-QUALITY ENERGY SOURCES**  
Barley, Corn, Oats

Energy is fuel needed for growth, milk production, exercise, repair of body tissues, etc.

**NUTRITIONALLY BALANCED VITAMINS AND MINERALS**

For metabolism, skeletal formation, nerves, body fluid regulation and enzymes

**KELLEY'S HIGH COUNTRY SWEET HORSE FEED** is a 12% protein feed composed of crimped oats, rolled barley and rolled corn. Nutritionally balanced with all the needed vitamins, minerals and amino acid. This energy-rich supplement can be fed to horses that are non-working, working, showing or in training. Kelley's High Country Sweet Horse Feed is balanced with the right amount of carbohydrates, proteins, vitamins, and minerals.

**FEEDING DIRECTIONS:** Use the recommended amount shown below, per 100 lbs. of body weight daily. Level of feeding should be adjusted for each individual horse based on activity. This feed is designed to be fed with good quality hay, pellets or cubes.

**NON-WORKING** Maintenance - 1/4 to 1/2 lbs.

**WORKING** Light Work 1/4 to 1/2 lbs. • Moderate Work 1/2 to 3/4 lbs.  
Heavy Work 1 to 1-1/4 lbs.

<b>GUARANTEED ANALYSIS:</b>	Crude Protein	Not less than	12.00%
	Crude Fat	Not less than	3.30%
	Crude Fiber	Not more than	7.70%
	Ash	Not more than	5.40%
	Calcium (CA)	Not less than	0.34%
	Phosphorus (P)	Not less than	0.49%

Complies with California Forest Service Weed Free Standards.

# 1/4" OAT PELLETS

## Features

## Benefits

**HIGH QUALITY OAT HAY**

Provides the needed fiber, vitamins and minerals.

**PELLETED FORM**

Convenient and easy to measure  
Less waste than hay bales

**NUTRITIONALLY BALANCED VITAMINS AND MINERALS**

For metabolism, skeletal formation, nerves, body fluid regulation & enzymes.

**KELLEY'S 1/4" OAT PELLETS** are a 1/4" pellet made from oat hay and molasses with a vitamin premix. Formulated to be 7% in protein, Kelley's Oat Pellets can be fed to any horse as the roughage source.

**FEEDING DIRECTIONS:** Feed daily 1.5 - 2 lbs. of pellets for each 100 lbs of body weight, depending on the level of activity.

### GUARANTEED ANALYSIS:

Crude Protein	Not less than	7.0%
Crude Fat	Not less than	0.05%
Crude Fiber	Not more than	34.0%
Ash	Not more than	9.0%

# ADULT MAINTENANCE HORSE

## Features

## Benefits

<b>CANOLA OIL</b>	Improved skin and coat
<b>COOKED AND EXTRUDED GRAINS</b>	Easy to chew, Improved carbohydrate digestion
<b>CHELATED MINERALS</b>	Aid in better mineral absorption
<b>DIGESTIVE ENZYMES</b>	Aid in digestion and feed utilization
<b>BEET PULP SHREDS</b>	Aid in water and electrolyte retention

**KELLEY'S ADULT MAINTENANCE HORSE** is a 11.5% protein textured feed formulated especially for the adult maintenance horse. Adult Maintenance Horse contains a pre-cooked extruded grain pellet, a 5/32" concentrated pellet, beet pulp shreds, crimped oats, molasses and canola oil.

**FEEDING DIRECTIONS:** To be fed with high quality Western forage products. Use the recommended total daily feeding amount as a guide.

**NOTE:** (1) Divide the total daily feeding into two feedings, approximately 12 hours apart AM/PM. (2) Adjust the amounts given according to Winter or Summer and condition of the horse. (3) Provide fresh, clean water at all times.

WEIGHT OF HORSE	POUNDS PER DAY
800 lbs.	2.75 - 3.50 lbs.
900 lbs.	3.00 - 4.00 lbs.
1000 lbs.	3.50 - 4.50 lbs.
1100 lbs.	3.75 - 5.00 lbs.
1200 lbs.	4.25 - 5.50 lbs.

### GUARANTEED ANALYSIS:

Crude Protein	Not less than	11.50%
Crude Fat	Not less than	4.00%
Crude Fiber	Not more than	14.50%
Ash	Not more than	6.60%

# ADULT PERFORMANCE HORSE

## Features

## Benefits

<b>COOKED AND EXTRUDED GRAINS</b>	Easy to chew, improved carbohydrate digestion.
<b>PROBIOTICS (YEAST CULTURE - LACTOBACILLUS)</b>	Aid in digestion and feed utilization.
<b>CHELATED TRACE MINERALS</b>	Aid in better mineral absorption
<b>ELECTROLYTES</b>	Supports normal electrolyte balance under work conditions. Electrolytes play an important role in muscle and nerve function.
<b>CANOLA OIL</b>	Provides energy and improves skin and coat
<b>BIOTIN</b>	Aid in general metabolism, nervous and reproductive functions. Can aid in healthy hoof and hair growth.
<b>BEET PULP SHREDS</b>	Aid in water and electrolyte retention

**KELLEY'S ADULT PERFORMANCE HORSE** is a 12% protein textured feed with a pre-cooked extruded grain pellet, a high performance 5/32" pellet, digestive enzymes, beet pulp shreds, electrolytes and biotin.

**FEEDING DIRECTIONS:** Feed daily with Western forage products.

WEIGHT OF HORSE	LIGHT TRAINING	MODERATE TRAINING	HEAVY TRAINING
800 lbs.	4-5 lbs.	6-7 lbs.	8-9 lbs.
900 lbs.	4.5-5.5 lbs	6.5-7.5 lbs.	8.5-9.5 lbs.
1000 lbs.	5-6 lbs.	7-8 lbs.	9-10 lbs.
1100 lbs.	5.5-6.5 lbs.	7.5-8.5 lbs	9.5-10.5 lbs
1200 lbs.	6.5-7.5 lbs	8.5-9.5 lbs	10.5-11.5 lbs

**NOTE:** (1) Divide the total daily feeding into two feedings, approximately 12 hours apart AM/PM. (2) Adjust the amounts given according to Winter or Summer and condition of the horse. (3) Provide fresh, clean water at all times.

### GUARANTEED ANALYSIS:

Crude Protein	Not less than	12.0%
Crude Fat	Not less than	4.0%
Crude Fiber	Not more than	8.0%
Ash	Not more than	8.0%

# GOLDEN AGE SENIOR HORSE RATION

## Features

## Benefits

<b>HIGH-QUALITY PROTEIN SOURCES</b>	Needed for building body tissue, skin, hair, muscle, nervous system
<b>HIGH-QUALITY ENERGY</b>	Energy is fuel for the body for work, growth, reproduction, exercise, repair of body tissue
<b>NUTRITIONALLY BALANCED VITAMINS AND MINERALS</b>	Needed for metabolism, skeletal formation, nerves, body fluid regulation and enzymes.
<b>DIGESTIVE ENZYMES</b>	Aids in the digestion process, provides healthy microflora in the gut
<b>CHELATED TRACE MINERALS</b>	Minerals attach to proteins making them more bioavailable for the horse
<b>COOKED AND EXTRUDED GRAINS</b>	Easy to chew, improved carbohydrate digestion
<b>CANOLA OIL</b>	Provides energy and aids in shiny hair & coat

**KELLEY'S GOLDEN AGE SENIOR** is a 13% protein feed designed for the mature horse's nutritional needs. Golden Age Senior is formulated with two pellets, one composed of fine-ground hay and the other a pre-cooked extruded grain nugget. This is a highly digestible ration that contains digestive enzymes/lactobacillus, chelated minerals & canola oil.

**FEEDING DIRECTIONS:** Good quality western roughage should accompany Kelley's Golden Age Senior (approx. 4-5 lbs. per feeding)

	800 lbs.	900 lbs.	1000 lbs.	1100 lbs.	1200 lbs.
<b>MAINTENANCE</b>	12 lbs.	13 lbs.	14 lbs.	15 lbs.	16 lbs.
<b>LIGHT WORK</b>	13 lbs.	14 lbs.	15 lbs.	17 lbs.	18 lbs.

### GUARANTEED ANALYSIS:

Crude Protein	Not less than	13.0%	Calcium (Ca)	Not less than	0.42%
Crude Fat	Not less than	3.6%	Calcium (Ca)	Not more than	0.57%
Crude Fiber	Not more than	15.5%	Phosphorus (P)	Not less than	0.43%
Ash	Not more than	7.4%			

### ALSO AVAILABLE:

### WITHOUT MOLASSES



# TOTAL ENHANCER PELLET

## Features

## Benefits

<b>HIGH-QUALITY PROTEIN SOURCES</b>	Proteins build & repair muscle, tissue and hair.
<b>HIGH-QUALITY VITAMINS &amp; MINERALS</b>	Needed for key metabolic functions, enzyme activity, electrolytic balance; precursors in building & repairing tissue
<b>CHELATED MINERALS</b>	Minerals attached to proteins providing more bioavailability to the animal

**KELLEY'S TOTAL ENHANCER PELLETS** are a supplement that will add vigor, growth, finish, and bloom to any class of livestock. Formulated with vitamins, chelated minerals and digestive enzymes Total Enhancer Pellets maximize performance and production.

**FEEDING DIRECTIONS:** Whether you are feeding for the show ring, ranch or offspring, animals do better when they receive optimal nutrition. Feed Total Enhancer Pellets on a daily basis with the regular ration:

<b>FOAL</b>	1 lb	<b>GUARANTEED ANALYSIS:</b>
<b>WORKING STALLION</b>	1 lb	
<b>SHOW STOCK</b>	1 lb	
<b>LACTATING MARES</b>	1 lb	
<b>PREGNANT BROOD MARES</b>	1/2 lb	
Crude Protein	Not less than	25.0%
Crude Fat	Not less than	3.0%
Crude Fiber	Not more than	6.0%
Ash	Not more than	9.0%

# Kelley's FEED

Complies with California Forest Service Weed Free Standards.

## ALFALFA-OAT HAY PELLETS

### Features

### Benefits

**ALFALFA HAY & OAT HAY**

Provides essential nutrients and fiber

**VITAMINS AND MINERALS**

Needed for metabolism, skeletal formation, nerves, body fluid regulation and enzymes

**PELLETED FORM**

No hassle with baled hay. Easy to measure needed amount of feed. Virtually no waste.

**KELLEY'S ALFALFA-OAT PELLETS** give the horse the best of both hays. Alfalfa hay is high in protein, fat, vitamins and minerals. Oat hay adds the ground grain and fiber needed to satisfy most horses' requirements for a more natural balanced hay diet.

**FEEDING DIRECTIONS:** Feed daily 1.5 - 2 lbs. of pellets for each 100 lbs of body weight, depending on the level of activity.

**GUARANTEED ANALYSIS:**

Crude Protein	Not less than	12.0%
Crude Fat	Not less than	1.0%
Crude Fiber	Not more than	30.0%
Ash	Not more than	11.0%

Complies with California Forest Service Weed Free Standards.

## ALFALFA PELLETS

### Features

### Benefits

**HIGH-QUALITY ALFALFA HAY**

Provides the needed fiber, vitamins and

**VITAMINS AND MINERALS**

Needed for Metabolic functions.

**PELLETED FORM**

Easy to handle, Less Waste, Easy to Measure

**KELLEY'S ALFALFA PELLETS** are made from suncured alfalfa hay and molasses with a vitamin and mineral premix added to provide all the nutritional requirements for the horse. Formulated to be 14% in protein. Kelley's Alfalfa Pellets can be fed to sheep, goats, cattle or horses as the roughage source.

**FEEDING DIRECTIONS:** Feed daily 1.5 - 2 lbs. of pellets for each 100 lbs of body weight, depending on the level of activity.

**GUARANTEED ANALYSIS:**

Crude Protein	Not less than	14.0%
Crude Fat	Not less than	1.0%
Crude Fiber	Not more than	30.0%
Ash	Not more than	11.0%

Complies with California Forest Service Weed Free Standards.

## HAY REPLACER PELLETS

### Features

### Benefits

**HIGH-QUALITY ROUGHAGE SOURCES**

Suncured Alfalfa Hay, Bermuda Hay Provides the needed fiber, vitamins and minerals.

**VITAMINS AND MINERALS**

Needed for Metabolic functions.

**PELLETED FORM**

Easy to handle, Less Waste, Easy to Measure

**KELLEY'S HAY REPLACER PELLETS** are a unique blend of alfalfa hay and bermuda hay. These pellets offer 11% crude protein with added vitamins and minerals to give a complete pellet. Kelley's Hay Replacer Pellets are ideal for horses of all ages.

**FEEDING DIRECTIONS:** Feed daily 1.5 - 2 lbs. of pellets for each 100 lbs of body weight, depending on the level of activity.

**GUARANTEED ANALYSIS:**

Crude Protein	Not less than	11.0%
Crude Fat	Not less than	1.0%
Crude Fiber	Not more than	32.0%
Ash	Not more than	11.0%

Complies with California Forest Service Weed Free Standards.

## 3-WIRE PELLETS

### Features

### Benefits

**COMPLETE PELLET**

No need to mix hay and grain. Contains essential vitamins and minerals for a healthy animal.

**VITAMINS AND MINERALS**

Needed for key metabolic functions

**PELLETED FORM**

No hassles with baled hay. Easy to measure needed amount of feed. Virtually no waste.

**KELLEY'S 3-WIRE PELLETS** are formulated for the horse person who prefers to feed a combination of hay and grain in one complete pellet. Kelley's 3-Wire Pellets are 90% sun-cured alfalfa and 10% ground grain products. Feed to all stages of growth, training and maintenance.

**FEEDING DIRECTIONS:** Feed daily 1.5 - 2 lbs. of pellets for each 100 lbs of body weight, depending on the level of activity.

**GUARANTEED ANALYSIS:**

Crude Protein	Not less than	12.5%
Crude Fat	Not less than	1.5%
Crude Fiber	Not more than	28.0%
Ash	Not more than	11.0%

## APPLE SMACKS HORSE TREATS

**A NUTRITIOUS TREAT THAT ANY HORSE IS SURE TO LOVE**

**GUARANTEED ANALYSIS:**

Crude Protein	Not less than	14.0%
Crude Fat	Not less than	3.0%
Crude Fiber	Not more than	5.0%
Ash	Not more than	6.0%

# FEEDING GUIDELINES

## EQUINE FEEDING AND MAINTENANCE GUIDELINES

**The primary goal in equine management is to have a horse that is healthy, and can perform at the desired level of activity. Following the guidelines below will assist you in achieving this goal:**

	8 Quart Bucket	3 Pound Coffee Can
Sweet Feeds	8.2 lbs.	2.9 lbs.
Small Pellets <small>5/32" Pellets</small>	11.2 lbs.	5.0 lbs.
Golden Age	9.8 lbs.	3.6 lbs.
Hay Pellets	11.6 lbs.	4.6 lbs.
Wheat Bran	5.2 lbs.	2.0 lbs.

The feeding instructions in this brochure are guidelines for horse management. All horses' metabolisms are different.

The basic nutrient requirements for a horse are dependent on the level of activity or function. There are five classes that are generally used to define the nutrient requirements: maintenance, growth, lactation, gestation and work.

A maintenance diet is designed to provide the nutrient levels required for a mature horse to maintain a normal weight under average climatic conditions with no activity. As the intensity and duration of work increases, so do the nutrient requirements.

Light, moderate and intense working horses require 25%, 50%, and 100% more energy respectively than a maintenance horse. For working horses, we have geared the feeding levels toward the amount of work done daily. Light - 3 hours a day • Moderate - 5 hours a day • Heavy - 8 hours a day.

Knowing the weight of your horse is also important in determining the correct feed levels. If you are not sure how much your horse weighs, purchase a horse weight measuring tape at your local Kelley's Feed Dealer.

Analyze hay carefully and develop the rest of the ration based on the forage quality. Look for hay that has a clean odor, fine stems and plenty of leaves with a minimal amount of seed heads. Do not feed hay that is damp and moldy.

Use top quality feeds and balance the ration to nutrient requirements based on the horse's level of activity or function.

Feed equal amounts twice daily at approximately the same time each day.

Make feed changes gradually over a 5 to 7 day period.

Feed by weight not volume.

Cool out horse properly after exercise, before feeding or allowing unlimited water. Allow one hour for horse to digest meal before exercising.

Provide clean, fresh water at all times. A horse needs at least one gallon of water per 100 pounds of body weight per day.

Keep salt and trace minerals available free choice.

Observe horses as they eat. Sudden changes in appetite can mean a potential problem. Avoid overfeeding.

Set up a program of regular de-worming, dental care and vaccinations. Dental care is especially important for older horses.

*Thank You for Using Kelley's Brand*

*If you have any questions please call*  
**888-330-3361**

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